

ROUTING RECORD

DATE	FROM	TO	ACTION
JAN 26 2012	ABC	MV	TV Rev - AP
MAY 2 2012	ABC	GT	Revision 1
May 2, 2012	6701	WET	Revision
10/2/12	MV	ABC	Draft RECLAIM/TV mod.
OCT 9 2012	ABC	P/S	Revision 11

REFERENCE TO OTHER APCD RECORDS INCLUDING VARIANCES

For AMN : 531455

533630

519178

533634

master file

533629

533631

533632

533635

533634

Ident.

Beta offshore

ID 166073

To Records

RECLAIM / TV

APPL # 531454

I.D. # 166073

BETA OFFSHORE
OCS LEASE PARCELS P300/P301
HUNTINGTON BEACH
TV AMENDMENT

Date: 01/24/12

BETA OFFSHORE
TV AMENDMENT

AP 531454
ID 166073



South Coast Air Quality Management District

Form 400-A

Application Form for Permit or Plan Approval

List only one piece of equipment or process per form.

Mail To: SCAQMD, P.O. Box 4944, Diamond Bar, CA 91765-0944, Tel: (909) 396-3385, www.aqmd.gov

Section A - Operator Information

1. Facility Name (Business Name of Operator to Appear on the Permit): Beta Offshore - Beta OCS Platforms Facility
2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 166073
3. Owner's Business Name (If different from Business Name of Operator):

Section B - Equipment Location Address

4. Equipment Location Is: Fixed Location (Selected) Various Location
OCS Lease Parcels P300/P301 (Federal Waters)
Street Address
City: Marina Robertson, CA
Zip:
Contact Name: Marina Robertson, Title: HSE Manager
Phone #: (562) 628-1526, Ext., Fax #: (562) 628-1536
E-Mail: mrobertson@betaoffshore.com

Section C - Permit Mailing Address

5. Permit and Correspondence Information:
Check here if same as equipment location address
111 West Ocean Boulevard, Suite 1240
Address
City: Long Beach, CA 90802-4645
State: CA Zip:
Contact Name: Marina Robertson, Title: HSE Manager
Phone #: (562) 628-1526, Ext., Fax #: (562) 628-1536
E-Mail: mrobertson@betaoffshore.com

Section D - Application Type

6. The Facility Is: Not In RECLAIM or Title V, In RECLAIM, In Title V, In RECLAIM & Title V Programs (Selected)

7. Reason for Submitting Application (Select only ONE):

7a. New Equipment or Process Application:
7b. Facility Permits: RECLAIM Facility Permit Amendment (Selected)
7c. Equipment or Process with an Existing/Previous Application or Permit:
Existing or Previous Permit/Application
If you checked any of the items in 7c., you MUST provide an existing Permit or Application Number.

8a. Estimated Start Date of Construction (mm/dd/yyyy):
8b. Estimated End Date of Construction (mm/dd/yyyy):
8c. Estimated Start Date of Operation (mm/dd/yyyy):

9. Description of Equipment or Reason for Compliance Plan (list applicable rule): Amend Title V Facility Permit to reflect change of condition for RECLAIM NOx concentration limit on a gas turbine.
10. For identical equipment, how many additional applications are being submitted with this application?
11. Are you a Small Business as per AQMD's Rule 102 definition? (10 employees or less and total gross receipts are \$500,000 or less OR a not-for-profit training center) No (Selected) Yes
12. Has a Notice of Violation (NOV) or a Notice to Comply (NC) been issued for this equipment? No (Selected) Yes
If Yes, provide NOV/NC#:

Section E - Facility Business Information

13. What type of business is being conducted at this equipment location?
14. What is your business primary NAICS Code? (North American Industrial Classification System) 211111
15. Are there other facilities in the SCAQMD jurisdiction operated by the same operator? No (Selected) Yes
16. Are there any schools (K-12) within 1000 feet of the facility property line? No (Selected) Yes

Section F - Authorization/Signature I hereby certify that all information contained herein and information submitted with this application are true and correct.

17. Signature of Responsible Official: [Signature]
18. Title of Responsible Official: Executive VP and COO
19. I wish to review the permit prior to issuance. (This may cause a delay in the application process.) No Yes (Selected)
20. Print Name: Steve Liles
21. Date: 1-17-2012
22. Do you claim confidentiality of data? (If Yes, see instructions.) No (Selected) Yes

23. Check List: Authorized Signature/Date, Form 400-CEQA, Supplemental Form(s) (ie., Form 400-E-xx), Fees Enclosed

Table with columns: AQMD USE ONLY, APPLICATION TRACKING #, CHECK #, AMOUNT RECEIVED, PAYMENT TRACKING #, VALIDATION, DATE, APP, REJ, CLASS, BASIC CONTROL, EQUIPMENT CATEGORY CODE, ITEM, ENGINEER, REASON/ACTION TAKEN

1 of 2



Form 400-CEQA

California Environmental Quality Act (CEQA) Applicability

Mail To: SCAQMD P.O. Box 4944 Diamond Bar, CA 91765-0944

Tel: (909) 396-3385 www.aqmd.gov

The SCAQMD is required by state law, the California Environmental Quality Act (CEQA), to review discretionary permit project applications for potential air quality and other environmental impacts. This form is a screening tool to assist the SCAQMD in clarifying whether or not the project has the potential to generate significant adverse environmental impacts that might require preparation of a CEQA document [CEQA Guidelines §15060(a)]. Refer to the attached instructions for guidance in completing this form. For each Form 400-A application, also complete and submit one Form 400-CEQA. If submitting multiple Form 400-A applications for the same project at the same time, only one 400-CEQA form is necessary for the entire project. If you need assistance completing this form, contact Permit Services at (909) 396-3385 or (909) 396-2668.

Section A - Facility Information

1. Facility Name (Business Name of Operator To Appear On The Permit): Beta Offshore - Beta OCS Platforms Facility

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 166073

3. Project Description:
Change of Condition to increase RECLAIM NOx concentration limit for D99 - a dual-fired gas turbine - from 110 ppmv to 130 ppmv (both at 15% O2, dry) while fired on process gas.

Section B - Review For Exemption From Further CEQA Action

Check "Yes" or "No" as applicable

	Yes	No	Is this application for:
1.	<input type="radio"/>	<input checked="" type="radio"/>	A CEQA and/or NEPA document previously or currently prepared that specifically evaluates this project? If yes, attach a copy of the signed Notice of Determination to this form.
2.	<input type="radio"/>	<input checked="" type="radio"/>	A request for a change of permittee only (without equipment modifications)?
3.	<input type="radio"/>	<input checked="" type="radio"/>	A functionally identical permit unit replacement with no increase in rating or emissions?
4.	<input type="radio"/>	<input checked="" type="radio"/>	A change of daily VOC permit limit to a monthly VOC permit limit?
5.	<input type="radio"/>	<input checked="" type="radio"/>	Equipment damaged as a result of a disaster during state of emergency?
6.	<input type="radio"/>	<input checked="" type="radio"/>	A Title V (i.e., Regulation XXX) permit renewal (without equipment modifications)?
7.	<input type="radio"/>	<input checked="" type="radio"/>	A Title V administrative permit revision?
8.	<input type="radio"/>	<input checked="" type="radio"/>	The conversion of an existing permit into an initial Title V permit?

If "Yes" is checked for any question in Section B, your application does not require additional evaluation for CEQA applicability. Skip to Section D - Signatures on page 2 and sign and date this form.

Section C - Review of Impacts Which May Trigger CEQA

Complete Parts I-VI by checking "Yes" or "No" as applicable. To avoid delays in processing your application(s), explain all "Yes" responses on a separate sheet and attach it to this form.

	Yes	No	Part I - General
1.	<input type="radio"/>	<input checked="" type="radio"/>	Has this project generated any known public controversy regarding potential adverse impacts that may be generated by the project? Controversy may be construed as concerns raised by local groups at public meetings; adverse media attention such as negative articles in newspapers or other periodical publications, local news programs, environmental justice issues, etc.
2.	<input type="radio"/>	<input checked="" type="radio"/>	Is this project part of a larger project? If yes, attach a separate sheet to briefly describe the larger project.
Part II - Air Quality			
3.	<input type="radio"/>	<input checked="" type="radio"/>	Will there be any demolition, excavating, and/or grading construction activities that encompass an area exceeding 20,000 square feet?
4.	<input type="radio"/>	<input checked="" type="radio"/>	Does this project include the open outdoor storage of dry bulk solid materials that could generate dust? If Yes, include a plot plan with the application package.

¹ A "project" means the whole of an action which has a potential for resulting in physical change to the environment, including construction activities, clearing or grading of land, improvements to existing structures, and activities or equipment involving the issuance of a permit. For example, a project might include installation of a new, or modification of an existing internal combustion engine, dry-cleaning facility, boiler, gas turbine, spray coating booth, solvent cleaning tank, etc.

² To download the CEQA guidelines, visit http://oeres.ca.gov/env_law/state.html.

³ To download this form and the instructions, visit <http://www.aqmd.gov/ceqa> or <http://www.aqmd.gov/permit>

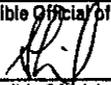
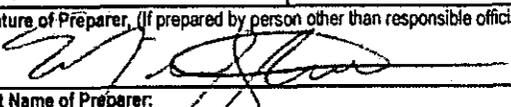
Section C - Review of Impacts Which May Trigger CEQA (cont.)

	Yes	No	Part II - Air Quality (cont.)
5.	<input type="radio"/>	<input checked="" type="radio"/>	Would this project result in noticeable off-site odors from activities that may not be subject to SCAQMD permit requirements? For example, compost materials or other types of greenwaste (i.e., lawn clippings, tree trimmings, etc.) have the potential to generate odor complaints subject to Rule 402 - Nuisance.
6.	<input type="radio"/>	<input checked="" type="radio"/>	Does this project cause an increase of emissions from marine vessels, trains and/or airplanes?
7.	<input type="radio"/>	<input checked="" type="radio"/>	Will the proposed project increase the QUANTITY of hazardous materials stored aboveground onsite or transported by mobile vehicle to or from the site by greater than or equal to the amounts associated with each compound on the attached Table 1? ⁴
Part III - Water Resources			
8.	<input type="radio"/>	<input checked="" type="radio"/>	Will the project increase demand for water at the facility by more than 5,000,000 gallons per day? The following examples identify some, but not all, types of projects that may result in a "yes" answer to this question: 1) projects that generate steam; 2) projects that use water as part of the air pollution control equipment; 3) projects that require water as part of the production process; 4) projects that require new or expansion of existing sewage treatment facilities; 5) projects where water demand exceeds the capacity of the local water purveyor to supply sufficient water for the project; and 6) projects that require new or expansion of existing water supply facilities.
9.	<input type="radio"/>	<input checked="" type="radio"/>	Will the project require construction of new water conveyance infrastructure? Examples of such projects are when water demands exceed the capacity of the local water purveyor to supply sufficient water for the project, or require new or modified sewage treatment facilities such that the project requires new water lines, sewage lines, sewage hook-ups, etc.
Part IV - Transportation/Circulation			
10.	Will the project result in (Check all that apply):		
	<input type="radio"/>	<input checked="" type="radio"/>	a. the need for more than 350 new employees?
	<input type="radio"/>	<input checked="" type="radio"/>	b. an increase in heavy-duty transport truck traffic to and/or from the facility by more than 350 truck round-trips per day?
	<input type="radio"/>	<input checked="" type="radio"/>	c. Increase customer traffic by more than 700 visits per day?
Part V - Noise			
11.	<input type="radio"/>	<input checked="" type="radio"/>	Will the project include equipment that will generate noise GREATER THAN 90 decibels (dB) at the property line?
Part VI - Public Services			
12.	Will the project create a permanent need for new or additional public services in any of the following areas (Check all that apply):		
	<input type="radio"/>	<input checked="" type="radio"/>	a. Solid waste disposal? Check "No" if the projected potential amount of wastes generated by the project is less than five tons per day.
	<input type="radio"/>	<input checked="" type="radio"/>	b. Hazardous waste disposal? Check "No" if the projected potential amount of hazardous wastes generated by the project is less than 42 cubic yards per day (or equivalent in pounds).

****REMINDER: For each "Yes" response in Section C, attach all pertinent information including but not limited to estimated quantities, volumes, weights, etc.****

Section D - Signatures

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THIS FORM IS A SCREENING TOOL AND THAT THE SCAQMD RESERVES THE RIGHT TO CONSIDER OTHER PERTINENT INFORMATION IN DETERMINING CEQA APPLICABILITY.

1. Signature of Responsible Official of Firm: 		2. Title of Responsible Official of Firm: Executive VP and COO	
3. Print Name of Responsible Official of Firm: Steve Liles		4. Date Signed: 1-17-2012	
5. Phone # of Responsible Official of Firm: (562) 628-1526	6. Fax # of Responsible Official of Firm: (562) 628-1536	7. Email of Responsible Official of Firm: sliles@betaoffshore.com	
8. Signature of Preparer, (If prepared by person other than responsible official of firm): 		9. Title of Preparer: Environmental Consultant	
10. Print Name of Preparer: Milan Steube, CPP # C-7803		11. Date Signed: 1-16-2012	
12. Phone # of Preparer: (949) 309-9310	13. Fax # of Preparer: (949) 588-7669	14. Email of Preparer: milans@cox.net	

THIS CONCLUDES FORM 400-CEQA. INCLUDE THIS FORM AND ANY ATTACHMENTS WITH FORM 400-A.

⁴ Table 1 - Regulated Substances List and Threshold Quantities for Accidental Release Prevention can be found in the Instructions for Form 400-CEQA.

SCAQD PERMIT PROCESSING SYSTEM (S)
FEE DATA - SUMMARY SHEET

Application No : 531454

IRS/SS No:

Previous Application No:

Previous Permit No:

Company Name : BETA OFFSHORE

Facility ID: 166073

Equipment Street: OCS LEASE PARCELS P300/P301 , HUNTINGTON BEACH CA 92648

32

Equipment Desc: FACILITY PERMIT AMEND-RECLAIM/TITLE V

Equipment Type: BASIC

Fee Charged by: B-CAT

B-CAT NO. : 555009

C-CAT NO: 00

Fee Schedule: C

Facility Zone : 18

Deemed Compl. Date: 2/16/2012

Public Notice: NO

Evaluation Type : RECLAIM/TITLE V MINOR PERMIT REVISION

Small Business:

Disposition : Approve RECLAIM Revision, Recommended by Engineer

Higher Fees for Failing to Obtain a Permit:

Lead Appl. No :

Identical Permit Unit:

Air quality Analysis	\$0.00	Filing Fee Paid:	\$0.00
E.I.R	\$0.00	Permit Processing Fee Paid:	\$1,747.19
Health Risk Assessment	\$0.00	Permit Processing Fee Calculated*:	\$1,747.19
Public Notice Preparation Fee	\$0.00	Permit Processing Fee Adjustment:	\$0.00
Public Notice Publication Fee	\$0.00		
Expedited Processing	Hours: 0.00 \$0.00		
Source Test Review	Hours: 0.00 \$0.00		
Time & Material	Hours: 0.00 \$0.00		
		Total Additional Fee:	\$0.00
		Additional Charge:	\$0.00

COMMENTS:

RECOMMENDED BY: MARIA VIBAL

DATE: 04/21/2012

REVIEWED BY: _____

DATE:

OCT 9, 2012

* ADJUSTED FOR SMALL BUSINESS, IDENTICAL EQUIPMENT AND P/O NO P/C PENALTY

Maria Vibal

From: Emily Lawson
Sent: Tuesday, October 16, 2012 8:25 AM
To: r9airpermits_sc@epa.gov
Cc: Maria Vibal; Rob Castro
Subject: Beta Offshore permit (ID #166073)
Attachments: Beta Offshore ID 166073 Permit.pdf

Attached is a copy of the Beta Offshore permit, ID # 166073.

Emily Lawson
Senior Office Assistant
(909) 396-3145

Be the change you wish to see in the world.

Be your own hero.



South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

October 17, 2012

Mr. Gerardo Rios
Chief, Permits Office
U.S. EPA – Region IX – Air – 3
75 Hawthorne Street
San Francisco, CA 94105

Dear Mr. Rios:



Subject: Beta Offshore (ID 166073) - Title V Permit Revision

Beta Offshore is an oil and gas production facility located in Federal Waters. They revised their Title V permit under Application No. 531454 by the following actions :

Appl. No.	Device No.	Section No.	Proposed action
531455	D99	D	Change NOx RECLAIM concentration limit.
533629, 533630, 533631, 533632, 533634, 533635, 533636	D87, D88, D89, D90, D93, D92, D91	D	Convert permits to construct into permits to operate and administrative correction on Device condition C 1.3.
519178	Rule 1110.2 I & M Plan	I	Incorporate Rule 1110.2 Inspection & Monitoring Plan.

This revision is considered a “minor permit revision” to their Title V Facility Permit. A copy was sent for your review on May 4, 2012. Questions concerning these changes should be directed to Ms. Maria Vibal at (909) 396-2422.

Sincerely,



William C. Thompson, P.E.
Senior Manager
Operations Team
Engineering and Compliance

WCT:GLT:RGC:MV
Enclosures



South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

October 17, 2012

Mr. Steve Liles
Executive VP and COO
Beta Offshore
111 W. Ocean Blvd., Ste. 1240
Long Beach, CA 90802

Dear Mr. Liles:

Subject: Beta Offshore (ID 166073) – RECLAIM/Title V Permit Revision

Please find attached the revised Title Page, Table of Contents, and Sections D, H and I of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the permit revision requested in your Application No. 531454. The proposed permit revision was submitted to EPA for 45-day review on May 4, 2012. This permit revision includes the following actions :

Appl. No.	Device No.	Section No.	Proposed action
531455	D99	D	Change NOx RECLAIM concentration limit.
533629, 533630, 533631, 533632, 533634, 533635, 533636	D87, D88, D89, D90, D93, D92, D91	D	Convert permits to construct into permits to operate and administrative correction on Device condition C 1.3.
519178	Rule 1110.2 I & M Plan	I	Incorporate Rule 1110.2 Inspection & Monitoring Plan.

Please review the attached sections carefully and insert them into your RECLAIM/Title V Facility Permit. The earlier versions should be discarded. Questions concerning changes to your permit should be directed to Ms. Maria Vibal at (909) 396-2422.

Sincerely,

William C. Thompson, P.E.
Senior Manager
Operations Team
Engineering and Compliance

WCT:GLT:RGC:MV
Enclosures



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Sincerely,

William C. Thompson, P.E.
Senior Manager
Operations Team
Engineering and Compliance

WCT:GLT:RGC:MV
Enclosures



FACILITY PERMIT TO OPERATE

BETA OFFSHORE OCS LEASE PARCELS P300/P301 HUNTINGTON BEACH, CA 92648

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By William A. Nazemi
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



FACILITY PERMIT TO OPERATE BETA OFFSHORE

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F	RECLAIM Monitoring and Source Testing Requirements	1	03/22/2011
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	1	03/22/2011
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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
System 1: OIL/WATER/GAS SEPARATION - PLATFORM ELLEN					S13.1
VESSEL, SEPARATOR, BLOW DOWN, V-101, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 8 IN A/N: 516016	D1	D54 D56 D108			
System 2: OIL/WATER/GAS SEPARATION - PLATFORM EUREKA					S13.1
VESSEL, MAM-1102A, FREE WATER KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D2	D46 D48 D105			
VESSEL, MAM-1102B, FREE WATER KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D3	D46 D48 D105			
VESSEL, SEPARATOR, TEST, MBD-1104A, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D4	D46 D48 D105			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, SEPARATOR, TEST, MBD-1104B, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D5	D46 D48 D105			
VESSEL, MAY-1101, HEATED, PRODUCTION SURGE, PRESSURE VESSEL, VENTED TO VAPOR RECOVERY, SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 30 FT ; DIAMETER: 12 FT A/N: 516016	D6	D46 D48 D105			
VESSEL, MAY-1116, WELL CLEAN-UP SURGE, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 516016	D7	D46 D48 D105			
TANK, HEATED, ABJ-1105, WELL CLEAN UP, CRUDE OIL, 1000 BBL; WIDTH: 15 FT ; HEIGHT: 14 FT 6 IN; LENGTH: 30 FT A/N: 516016	D8	D158			E127.1, H23.4, H23.6
VESSEL, KAH-1603, CRUDE OIL LAUNCHER, LENGTH: 8 FT 10 IN; DIAMETER: 1 FT 4 IN A/N: 516016	D159				
System 3: OIL/WATER/GAS SEPARATION - PLATFORM ELLY					S13.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, RECEIVER, U-08, EUREKA OIL, DIAMETER: 1 FT 4 IN A/N: 516016	D9				
VESSEL, RECEIVER, M5, EDITH OIL, LENGTH: 3 FT ; DIAMETER: 8 IN A/N: 516016	D10				
VESSEL, TREATER, V-03A, WELL TEST/CLEAN UP, PRESSURE VESSEL, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, HEIGHT: 17 FT ; DIAMETER: 8 FT A/N: 516016	D11	D54 D56 D108			
VESSEL, TREATER, V-03B, WELL TEST/CLEAN UP, PRESSURE VESSEL, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, HEIGHT: 17 FT ; DIAMETER: 8 FT A/N: 516016	D12	D54 D56 D108			
VESSEL, V-01A, FREE WATER KNOCKOUT, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 40 FT ; DIAMETER: 10 FT A/N: 516016	D13	D56 D108			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, V-01B, FREE WATER KNOCKOUT, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 40 FT ; DIAMETER: 10 FT A/N: 516016	D14	D56 D108			
VESSEL, TREATER, V-02A, PRESSURE VESSEL, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 45 FT ; DIAMETER: 12 FT A/N: 516016	D15	D54 D56 D108			
VESSEL, TREATER, V-02B, PRESSURE VESSEL, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 45 FT ; DIAMETER: 12 FT A/N: 516016	D16	D54 D56 D108			
TANK, HOLDING, S-02A, WET CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 500 BBL; WIDTH: 7 FT ; HEIGHT: 14 FT ; LENGTH: 30 FT A/N: 516016	D17	D54 D56			E127.1, H23.4, H23.6

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, HOLDING, S-02B, DRY CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 2500 BBL; WIDTH: 30 FT ; HEIGHT: 14 FT ; LENGTH: 36 FT A/N: 516016	D18	D54 D56			E127.1, H23.4, H23.6
TANK, HOLDING, TK-1000, DRY CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 600 BBL; WIDTH: 13 FT ; HEIGHT: 15 FT ; LENGTH: 17 FT A/N: 516016	D19	D54 D56			E127.1, H23.4, H23.6
TANK, HOLDING, TK-1001, DRY CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 600 BBL; WIDTH: 13 FT ; HEIGHT: 15 FT ; LENGTH: 17 FT A/N: 516016	D20	D54 D56			E127.1, H23.4, H23.6
VESSEL, SPHERE LAUNCHER, U-10, DIAMETER: 1 FT 8 IN A/N: 516016	D21				
System 4: WASTE WATER TREATMENT - PLATFORM ELLEN					
TANK, U-16, EMERGENCY SUMP, TANK OVERFLOW, 244 BBL; DIAMETER: 3 FT ; HEIGHT: 194 FT A/N: 516017	D22	D175			E127.2, H23.1
TANK, HOLDING, U-17B, DRAIN WATER, 76 BBL; DIAMETER: 6 FT ; HEIGHT: 15 FT A/N: 516017	D23	D175			E127.2, H23.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, HOLDING, U-18B, CRUDE OIL, 19 BBL; DIAMETER: 3 FT ; HEIGHT: 15 FT A/N: 516017	D24	D175			E127.2, H23.1
TANK, HOLDING, U-17A, DRAIN WATER, 76 BBL; DIAMETER: 6 FT ; HEIGHT: 15 FT A/N: 516017	D25	D175			E127.2, H23.1
TANK, HOLDING, U-18A, CRUDE OIL, 19 BBL; DIAMETER: 3 FT ; HEIGHT: 15 FT A/N: 516017	D26	D175			E127.2, H23.1
System 5: WASTE WATER TREATMENT - PLATFORM EUREKA					
TANK, HOLDING, ABH-1107, DRAIN WATER, 81 BBL; DIAMETER: 6 FT ; LENGTH: 16 FT A/N: 516017	D27	D158			E127.2, H23.1
TANK, HOLDING, ABH-1108, CRUDE OIL, 32 BBL; DIAMETER: 4 FT ; HEIGHT: 16 FT A/N: 516017	D28	D158			E127.2, H23.1
TANK, ABH-1109, EMERGENCY SUMP, TANK OVERFLOWS, 268 BBL; DIAMETER: 3 FT ; HEIGHT: 213 FT A/N: 516017	D29	D158			E127.2, H23.1
VESSEL, RECEIVER, KAQ-1602, INJECTION WATER, LENGTH: 8 FT 8 IN; DIAMETER: 1 FT A/N: 516017	D30				
System 6: WASTE WATER TREATMENT - PLATFORM ELLY					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, SEPARATOR, V-1000, SOURCE WATER, PRESSURE VESSEL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N: 516017	D31	D54 D56 D108			H23.1
TANK, HOLDING, S-01A, PRODUCED WATER, VENTED TO VAPOR RECOVERY SYSTEM, 800 BBL; WIDTH: 14 FT ; HEIGHT: 12 FT ; LENGTH: 30 FT A/N: 516017	D32	D54 D56			E127.1, H23.4, H23.6
TANK, HOLDING, S-01B, PRODUCED WATER, VENTED TO VAPOR RECOVERY SYSTEM, 800 BBL; WIDTH: 14 FT ; HEIGHT: 12 FT ; LENGTH: 30 FT A/N: 516017	D33	D54 D56			E127.1, H23.4, H23.6
FLOATATION UNIT, U-01A, WEMCO, MODEL 120, 213 BBL A/N: 516017	D34				E448.1, H23.1
FLOATATION UNIT, U-01B, WEMCO, MODEL 120, 213 BBL A/N: 516017	D35				E448.1, H23.1
TANK, U-02A, OILY WATER, OILY WATER SUMP, 32 BBL; DIAMETER: 3 FT 6 IN; HEIGHT: 18 FT 9 IN A/N: 516017	D172				E127.2, E448.1, H23.1
TANK, U-02B, OILY WATER, OILY WATER SUMP, 32 BBL; DIAMETER: 3 FT 6 IN; HEIGHT: 18 FT 9 IN A/N: 516017	D173				E127.2, E448.1, H23.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, SURGE, S-04, FILTER BACKWASH SUPPLY WATER, VENTED TO VAPOR RECOVERY SYSTEM, 400 BBL; WIDTH: 15 FT; HEIGHT: 12 FT; LENGTH: 15 FT A/N: 516017	D36	D54 D56			E127.2, H23.1
TANK, SURGE, S-03, FILTERED PRODUCED/SOURCE WATER, VENTED TO VAPOR RECOVERY SYSTEM, 600 BBL; WIDTH: 15 FT; HEIGHT: 12 FT; LENGTH: 23 FT A/N: 516017	D37	D54 D56			E127.1, H23.4, H23.6
TANK, U-06, EMERGENCY SUMP, TANK OVERFLOWS, 243 BBL; DIAMETER: 3 FT; HEIGHT: 193 FT A/N: 516017	D38	D175			E127.2, H23.1
TANK, HOLDING, U-04, DRAIN WATER, 80 BBL; DIAMETER: 6 FT; HEIGHT: 16 FT A/N: 516017	D39	D175			E127.2, H23.1
TANK, HOLDING, U-05, CRUDE OIL, 36 BBL; DIAMETER: 4 FT; HEIGHT: 16 FT A/N: 516017	D40	D175			E127.2, H23.1
TANK, HOLDING, S-05A, FILTER BACKWASH WATER, VENTED TO VAPOR RECOVERY SYSTEM, 190 BBL; WIDTH: 12 FT; HEIGHT: 11 FT 6 IN; LENGTH: 15 FT A/N: 516017	D41	D54 D56			E127.2, H23.1

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| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, HOLDING, S-05B, FILTER BACKWASH WATER, VENTED TO VAPOR RECOVERY SYSTEM, 190 BBL; WIDTH: 12 FT ; HEIGHT: 11 FT 6 IN; LENGTH: 15 FT A/N: 516017	D42	D54 D56			E127.2, H23.1
TANK, HOLDING, S-07, CENTRATE, 85 BBL; WIDTH: 8 FT ; HEIGHT: 7 FT 6 IN; LENGTH: 8 FT A/N: 516017	D43				E127.2, E448.1, H23.1
TANK, HOLDING, S-06, SOLIDS LADEN WATER, VENTED TO VAPOR RECOVERY SYSTEM, 690 BBL; WIDTH: 12 FT ; HEIGHT: 13 FT 6 IN; LENGTH: 24 FT A/N: 516017	D44	D54 D56			E127.1, H23.4, H23.6
VESSEL, U-14A, SPHERE LAUNCHER, INJECTION WATER, DIAMETER: 1 FT 2 IN A/N: 516017	D160				
System 7: VAPOR RECOVERY SYSTEM- PLATFORM EUREKA					
SCRUBBER, MBF-1310A, COMPRESSOR SUCTION, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 7 FT 6 IN; DIAMETER: 3 FT A/N: 516018	D46	D2 D3 D4 D5 D6 D7 D105			S13.1
COMPRESSOR, CAY-1310 B, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER A/N: 516018	D68	D105			

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|---|---|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5) (5A) (5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(10) See section J for NESHAP/MACT requirements</p> |
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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, SEPARATOR, MBF-1310B, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 8 FT ; DIAMETER: 2 FT 8 IN A/N: 516018	D47	D105			
VESSEL, SEPARATOR, MBF-1310C, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 7 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 516018	D48	D2 D3 D4 D5 D6 D7 D105			
VESSEL, KAH-1601, GAS LAUNCHER, LENGTH: 6 FT 4 IN; DIAMETER: 10 IN A/N: 516018	D49				
System 8: VAPOR RECOVERY SYSTEM - PLATFORMELLY					S13.1
DRUM, LOW PRESSURE RELIEF, V-09, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO ATMOSPHERE, 20 BBL; DIAMETER: 4 FT ; LENGTH: 9 FT A/N: 516018	D45	D54 D56			
VESSEL, RECEIVER, U-09, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, DIAMETER: 10 IN A/N: 516018	D52	D108			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 1: CRUDE OIL PRODUCTION					
VESSEL, V-18, SLUG CATCHER, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D53	D108			
SCRUBBER, V-04, COMPRESSOR SUCTION GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 3 FT 6 IN A/N: 516018	D54	D1 D11 D12 D15 D16 D17 D18 D19 D20 D31 D32 D33 D36 D37 D41 D42 D44 D45 D108			
COMPRESSOR, K-01, RECIPROCATING A/N: 516018	D55				
SCRUBBER, V-1004A, 35# GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 5 FT A/N: 516018	D56	D1 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D31 D32 D33 D36 D37 D41 D42 D44 D45 D108			E17.1
SCRUBBER, V-05A, COMPRESSOR SUCTION GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D57	D108			
SCRUBBER, V-05B, COMPRESSOR SUCTION GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D58	D108			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
COMPRESSOR, K-02A, FUEL GAS A/N: 516018	D59				
COMPRESSOR, K-02B, FUEL GAS A/N: 516018	D60				
SCRUBBER, V-06A, COMPRESSOR INTERSTAGE GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D61	D108			
SCRUBBER, V-06B, COMPRESSOR INTERSTAGE GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D62	D108			
VESSEL, V-11, SCOUR GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, LENGTH: 40 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D63	D108			
VESSEL, V-07, KNOCKOUT SCRUBBER, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 6 FT ; DIAMETER: 2 FT A/N: 516018	D51	D108			
VESSEL, V-08, INTERSTAGE SCRUBBER, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N: 516018	D50	D108			
Process 2: FUEL GAS TREATMENT - PLATFORM ELLY					P13.1

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| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2: FUEL GAS TREATMENT - PLATFORM ELLY					P13.1
SCRUBBER, V-15A, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 7 FT 8 IN; DIAMETER: 3 FT A/N: 516019	D64	C66 C67 D108			
SCRUBBER, V-15B, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 9 FT 8 IN; DIAMETER: 3 FT A/N: 516019	D65	C66 C67 D108			
VESSEL, V-100A, SULFA TREAT, LEAD/LAG, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 11 FT 2 IN; DIAMETER: 5 FT A/N: 516019	C66	D64 D65 D108			
VESSEL, V-100B, SULFA TREAT, LAG/LEAD, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 11 FT 2 IN; DIAMETER: 5 FT A/N: 516019	C67	D64 D65 D108			
VESSEL, RECEIVER, MBL-1003, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, LENGTH: 22 FT ; DIAMETER: 8 FT A/N: 516019	D69	D108			
Process 3: INTERNAL COMBUSTION					
System 1: ICE: EMERGENCY POWER - PLATFORM ELLEN					

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, Z-11, DIESEL FUEL, CATERPILLAR, MODEL D379PCTA, WITH AFTERCOOLER, TURBOCHARGER, 600 BHP WITH A/N: 516020 GENERATOR, RIG, EMERGENCY POWER, 420 KW	D76		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.2, C1.1, D12.1
System 2: ICE: EMERGENCY POWER - PLATFORM EUREKA					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, EN-040-E2, DIESEL FUEL, CATERPILLAR, MODEL D379PCTA, WITH AFTERCOOLER, TURBOCHARGER, 600 BHP WITH A/N: 516021 GENERATOR, RIG, EMERGENCY POWER, 420 KW	D77		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.2, C1.1, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LAN-2530, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITT, WITH TURBOCHARGER, 620 BHP WITH A/N: 516022 GENERATOR, EMERGENCY POWER, 500 KW	D78		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.3, C1.1, D12.1
System 3: ICE: EMERGENCY POWER, - PLATFORM ELLY					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, Z-10, DIESEL FUEL, DETROIT DIESEL, MODEL 1043-7000, 727 BHP WITH A/N: 516023 GENERATOR, ELLY STAND-BY, EMERGENCY POWER, 400 KW	D79		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.4, C1.1, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, ZAN-9007, DIESEL FUEL, DETROIT DIESEL, MODEL 1043-7000, 155 BHP WITH A/N: 516024 GENERATOR, MARS STAND-BY, EMERGENCY POWER, 30 KW	D80		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.5, C1.1, D12.1
System 4: ICE: RIG GENERATOR - PLATFORM ELLEN					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01A, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL BX-70-D-8, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: 516025 GENERATOR, RIG, 600 KW	D81		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D12.6, D28.1, D323.3, E193.2, E448.3, E448.4, E448.5, H23.7, K40.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01B, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: 516026 GENERATOR, RIG, 600 KW	D82		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01C, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: 516027 GENERATOR, RIG, 600 KW	D83		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
System 5: ICE: RIG GENERATOR - PLATFORM EUREKA					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-010-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: 516028 GENERATOR, RIG, 600 KW	D84		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-020-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: 516029 GENERATOR, RIG, 600 KW	D85		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-030-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: 516030 GENERATOR, RIG, 600 KW	D86		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
System 6: ICE: PEDESTAL CRANE-PLATFORM ELLEN					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-11B, ELLEN EAST CRANE, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL JM P/N CXXO-S-8-4, 195 BHP A/N: 533629	D87		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-11A, ELLEN CENTER CRANE, DIESEL FUEL, DETROIT DIESEL, MODEL 1063-7008, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL JM P/N CXXO-S-8-4, 195 BHP A/N: 533636	D91		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
System 7: ICE: PEDESTAL CRANE - PLATFORM EUREKA					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CR-030-A2, DIESEL FUEL, DETROIT DIESEL, MODEL 1067-8503, EUREKA WEST CRANE, 195 BHP A/N: 533630	D88		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CR-010-A2, EUREKA EAST CRANE, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL JM P/N CXXO-S-8-4, 195 BHP A/N: 533631	D89		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CR-020-A2, BREKA CENTER CRANE, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL JM P/N CXXO-S-8-4, 195 BHP A/N: 533632	D90		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
System 8: ICE: PEDESTAL CRANE - PLATFORM ELLY					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-01A, ELLY EAST CRANE, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL JM P/N CXXO-S-8-4, 195 BHP A/N: 533635	D92		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-01B, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, ELLY WEST CRANE, WITH OXIDATION CATALYST, CLEAN EMISSIONS PROD, MODEL 4-400, 195 BHP A/N: 533634	D93		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
System 10: TURBINES: PUMP MECHANICAL POWER - PLATFORM ELLY					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
GAS TURBINE, NP-07-A, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL SATURN MG1-SB, 2.9 MMBTU/HR WITH A/N: 516038 PUMP, WATER INJECTION	D95		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 65 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 95 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.8, B61.1, B61.2, D323.2
GAS TURBINE, NP-10-A, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL SATURN MG1-SB, 2.9 MMBTU/HR WITH A/N: 516039 PUMP, WATER INJECTION	D96		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 65 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 95 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.8, B61.1, B61.2, D323.2
GAS TURBINE, NP-10-B, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL SATURN MG1-SB, 2.9 MMBTU/HR WITH A/N: 516040 PUMP, WATER INJECTION	D97		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 65 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 95 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.8, B61.1, B61.2, D323.2
System 11: ELECTRICITY GENERATION - PLATFORM ELLY					

- | | |
|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor | (2) (2A) (2B) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See section J for NESHAP/MACT requirements |

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
GAS TURBINE, NJ-01-A, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL CENTAUR GC1-CB-ID, 42 MBTU/HR WITH A/N: 516041 GENERATOR, 2.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 18 MM BTU/HR	D98		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 140 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 180 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.11, B61.1, B61.2, D371.1
GAS TURBINE, NJ-01-B, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL CENTAUR GC1-CB-ID, 42 MBTU/HR WITH A/N: 531455 GENERATOR, 2.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 18 MM BTU/HR	D99		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 180 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.11, B61.1, B61.2, D371.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
GAS TURBINE, NJ-01-C, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL CENTAUR GC1-CB-ID, 42 MMBTU/HR WITH A/N: 516043 GENERATOR, 2.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 18 MM BTU/HR	D100		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 140 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 180 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.11, B61.1, B61.2, D371.1
GAS TURBINE, NJ-01-D, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL MARS GS2-MA-ID, 87 MMBTU/HR WITH A/N: 516044 GENERATOR, 6.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 29 MM BTU/HR	D101	S102	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: 0.01 GRAINS/SCF (5A) [RULE 475, 8-7-1978]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5B) [RULE 475, 8-7-1978]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.10, A327.1, B61.1, B61.2, D328.1, D371.1, E313.1, E315.1, H421.2
STACK, MARS NJ-01-D A/N: 516044	S102	D101			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
GAS TURBINE, NJ-01-E, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL MARS GS2-MA-ID, 87 MBTU/HR WITH A/N: 516046 GENERATOR, 6.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 29 MM BTU/HR	D103	S104	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: 0.01 GRAINS/SCF (5A) [RULE 475, 8-7-1978]; PM: 11 LBS/HR (5B) [RULE 475, 8-7-1978]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.10, A327.1, B61.1, B61.2, D328.1, D371.1, E313.1, E315.1, H421.2
STACK, MARS NJ-01-E A/N: 516046	S104	D103			
Process 4: EXTERNAL COMBUSTION					
System 1: FLARE - PLATFORM EUREKA					
SCRUBBER, MBF-1106, RELIEF SCRUBBER, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N: 516045	D105	D2 D3 D4 D5 D6 D7 D46 D47 D48 D68 C107			
SCRUBBER, MBF-3001, FLARE PILOT GAS SCRUBBER, HEIGHT: 5 FT ; DIAMETER: 1 FT A/N: 516045	D106	C107			
SCRUBBER, MBF-1200, LOW PRESSURE VENT SCRUBBER, HEIGHT: 4 FT 11 IN; DIAMETER: 10 IN A/N: 516045	D158	D8 D27 D28 D29 C107			

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 4: EXTERNAL COMBUSTION					P13.1
FLARE, ZOO-1620, EUREKA HIGH PRESSURE FLARE, PROCESS GAS, 33 MMSCFD, WITH A WASTE GAS PILOT BURNER A/N: 516045	C107	D105 D106 D158		CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, E71.1
System 2: FLARE - PLATFORM ELLY					
DRUM, V-10, HIGH PRESSURE FLARE DRUM, LENGTH: 10 FT ; DIAMETER: 6 FT A/N: 516047	D108	D1 D11 D12 D13 D14 D15 D16 D31 D50 D51 D52 D53 D54 D56 D57 D58 D61 D62 D63 D64 D65 C66 C67 D69 C109			
SCRUBBER, V-22, LOW PRESSURE VENT, HEIGHT: 5 FT ; DIAMETER: 10 IN A/N: 516047	D175	D22 D23 D24 D25 D26 D38 D39 D40 C109			
FLARE, U-19, PROCESS GAS, ELLY HIGH PRESSURE FLARE, 19 MMSCFD, WITH A WASTE GAS PILOT BURNER A/N: 516047	C109	D108 D175		CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, E71.1
Process 5: PETROLEUM STORAGE					P13.1
System 1: DIESEL STORAGE TANK - PLATFORM EUREKA					
STORAGE TANK, FIXED ROOF, A-1, DIESEL FUEL, STORAGE LEG (DIA. RANGE 2FT. 10 IN TO 5FT 10 IN), 1000 BBL; HEIGHT: 48 FT A/N: 516049	D118				E127.1, H23.4, H23.6
System 2: DIESEL STORAGE TANK - PLATFORM ELLY					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, S-10, DIESEL FUEL, 1200 BBL; WIDTH: 24 ; HEIGHT: 12 FT ; LENGTH: 24 FT A/N: 516048	D121				E127.1, H23.4, H23.6
Process 6: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, COMPRESSORS A/N: 516018	D125				H23.2
FUGITIVE EMISSIONS, PUMPS A/N: 516016	D126				H23.2
FUGITIVE EMISSIONS, VALVES A/N: 516016	D127				H23.2
FUGITIVE EMISSIONS, PRV A/N: 516016	D128				H23.2
FUGITIVE EMISSIONS, FLANGES A/N: 516016	D129				H23.2
FUGITIVE EMISSIONS, DRAINS A/N: 516016	D130				H23.1
Process 7: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E176			VOC: (9) [RULE 1113, 7-13-2007; RULE 1171, 2-1-2008]	K67.1
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, WET, AND ANY CONTROL EQUIPMENT	E177			PM: (9) [RULE 1140, 8-2-1985; RULE 405, 2-7-1986]	D323.1
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E178				H23.5
RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	E179				H23.2

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E180			VOC: (9) [RULE 1171, 2-1-2008]	
RULE 219 EXEMPT EQUIPMENT, PARTS DEGREASER, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E181			VOC: (9) [RULE 1171, 2-1-2008]	H23.3
RULE 219 EXEMPT EQUIPMENT, PORTABLE MARINE COATING EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E182			VOC: (9) [RULE 1106, 1-13-1995; RULE 1171, 2-1-2008]	
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E183				

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE
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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	1
D2	1	1	2
D3	1	1	2
D4	1	1	2
D5	2	1	2
D6	2	1	2
D7	2	1	2
D8	2	1	2
D9	3	1	3
D10	3	1	3
D11	3	1	3
D12	3	1	3
D13	3	1	3
D14	4	1	3
D15	4	1	3
D16	4	1	3
D17	4	1	3
D18	5	1	3
D19	5	1	3
D20	5	1	3
D21	5	1	3
D22	5	1	4
D23	5	1	4
D24	6	1	4
D25	6	1	4
D26	6	1	4
D27	6	1	5
D28	6	1	5
D29	6	1	5
D30	6	1	5
D31	7	1	6
D32	7	1	6
D33	7	1	6
D34	7	1	6
D35	7	1	6



**FACILITY PERMIT TO OPERATE
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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D36	8	1	6
D37	8	1	6
D38	8	1	6
D39	8	1	6
D40	8	1	6
D41	8	1	6
D42	9	1	6
D43	9	1	6
D44	9	1	6
D45	10	1	8
D46	9	1	7
D47	10	1	7
D48	10	1	7
D49	10	1	7
D50	12	1	8
D51	12	1	8
D52	10	1	8
D53	11	1	8
D54	11	1	8
D55	11	1	8
D56	11	1	8
D57	11	1	8
D58	11	1	8
D59	12	1	8
D60	12	1	8
D61	12	1	8
D62	12	1	8
D63	12	1	8
D64	13	2	0
D65	13	2	0
C66	13	2	0
C67	13	2	0
D68	9	1	7
D69	13	2	0
D76	14	3	1



**FACILITY PERMIT TO OPERATE
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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D77	14	3	2
D78	14	3	2
D79	15	3	3
D80	15	3	3
D81	15	3	4
D82	16	3	4
D83	16	3	4
D84	16	3	5
D85	17	3	5
D86	17	3	5
D87	17	3	6
D88	18	3	7
D89	18	3	7
D90	19	3	7
D91	18	3	6
D92	19	3	8
D93	19	3	8
D95	20	3	10
D96	20	3	10
D97	20	3	10
D98	21	3	11
D99	21	3	11
D100	22	3	11
D101	22	3	11
S102	22	3	11
D103	23	3	11
S104	23	3	11
D105	23	4	1
D106	23	4	1
C107	24	4	1
D108	24	4	2
C109	24	4	2
D118	24	5	1
D121	25	5	2
D125	25	6	0



**FACILITY PERMIT TO OPERATE
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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D126	25	6	0
D127	25	6	0
D128	25	6	0
D129	25	6	0
D130	25	6	0
D158	23	4	1
D159	2	1	2
D160	9	1	6
D172	7	1	6
D173	7	1	6
D175	24	4	2
E176	25	7	0
E177	25	7	0
E178	25	7	0
E179	25	7	0
E180	26	7	0
E181	26	7	0
E182	26	7	0
E183	26	7	0



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 14337 LBS IN ANY ONE DAY
PM	Less than or equal to 1292 LBS IN ANY ONE DAY
ROG	Less than or equal to 3251 LBS IN ANY ONE DAY
SOX	Less than or equal to 532 LBS IN ANY ONE DAY
NOX	Less than or equal to 2017 LBS IN ANY ONE DAY

For the purpose of this condition, the CO emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the PM emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the ROG emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels and the fugitive sources.

For the purpose of this condition, the SOx emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the NOx emission limit shall be the maximum daily potential to emit from the flares, work and crew boats only.

[RULE 1183, 3-12-1993]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

[RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

The MSDS shall be made available to AQMD upon request

[RULE 431.2, 9-15-2000]

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



**FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- platform support vessels operating hours
- support vessels fuel type and usage
- date and time of operation of support vessels
- activity associated with vessels operation

[RULE 1183, 3-12-1993]

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 6-1-2007]

[Processes subject to this condition : 2, 4, 5]

SYSTEM CONDITIONS

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173



**FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1173, 6-1-2007]

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 7 , 8]

DEVICE CONDITIONS

A. Emission Limits

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 84.95 LBS PER DAY
PM	Less than or equal to 27.9 LBS PER DAY
ROG	Less than or equal to 31.2 LBS PER DAY
SOX	Less than or equal to 5.91 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D76, D77]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 83.23 LBS PER DAY
PM	Less than or equal to 27.34 LBS PER DAY
ROG	Less than or equal to 30.6 LBS PER DAY
SOX	Less than or equal to 5.79 LBS PER DAY



**FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D78]

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 102.1 LBS PER DAY
PM	Less than or equal to 33.53 LBS PER DAY
ROG	Less than or equal to 37.53 LBS PER DAY
SOX	Less than or equal to 7.11 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D79]

A63.5 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 20.81 LBS PER DAY
PM	Less than or equal to 6.83 LBS PER DAY
ROG	Less than or equal to 7.65 LBS PER DAY
SOX	Less than or equal to 1.45 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D80]

A63.6 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 171.4 LBS PER DAY
PM	Less than or equal to 8.4 LBS PER DAY
ROG	Less than or equal to 33.7 LBS PER DAY
SOX	Less than or equal to 1.8 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

A63.8 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 409 LBS PER DAY
PM	Less than or equal to 22.3 LBS PER DAY
ROG	Less than or equal to 16.3 LBS PER DAY
SOX	Less than or equal to 17.9 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D95, D96, D97]

A63.9 The operator shall limit emissions from this equipment as follows:



**FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 794.6 LBS PER DAY
PM	Less than or equal to 38.8 LBS PER DAY
ROG	Less than or equal to 156.4 LBS PER DAY
SOX	Less than or equal to 8.2 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86]

A63.10 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 230.4 LBS PER DAY
PM	Less than or equal to 127.7 LBS PER DAY
ROG	Less than or equal to 96.6 LBS PER DAY
SOX	Less than or equal to 102.5 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D101, D103]

A63.11 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 110.6 LBS PER DAY



**FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

PM	Less than or equal to 61.7 LBS PER DAY
ROG	Less than or equal to 24.1 LBS PER DAY
SOX	Less than or equal to 49.5 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D98, D99, D100]

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 8-7-1978]

[Devices subject to this condition : D101, D103]

B. Material/Fuel Type Limits

B61.1 The operator shall not use process gas containing the following specified compounds:

Compound	ppm by volume
H2S content greater than	3

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D95, D96, D97, D98, D99, D100, D101, D103]

B61.2 The operator shall not use process gas containing the following specified compounds:



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Compound	ppm by volume
sulfur compounds calculated as hydrogen sulfide greater than	40

The 40 ppm limit shall be averaged over a 4-hour period.

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D95, D96, D97, D98, D99, D100, D101, D103]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

The purpose(s) of this condition is to ensure that this equipment qualifies as an emergency standby generator.

The purpose(s) of this condition is to ensure that D76, D77, D78, and D79 qualify as a NOx process unit.

**[RULE 1110.2, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;
RULE 2012, 5-6-2005]**

[Devices subject to this condition : D76, D77, D78, D79, D80]

C1.3 The operator shall limit the operating time to no more than 500 hour(s) in any one year.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

In lieu of complying with this condition, the operator may comply with Condition C1.4.

The purpose(s) of this condition is to exempt the engine from the VOC limit of 30 ppmvd and the CO limit of 250 ppmvd, both corrected to 15% O₂, effective 7/1/2011, pursuant to Rule 1110.2(d)(1)(B)(ii).

The engine shall emit no more than 250 ppmvd of VOC and 2000 ppmvd of CO, both corrected to 15% O₂.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

C1.4 The operator shall limit the fuel usage to no more than 1,000,000,000 Btu in any one year.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

In lieu of complying with this condition, the operator may comply with Condition C1.3.

The purpose(s) of this condition is to exempt the engine from the VOC limit of 30 ppmvd and the CO limit of 250 ppmvd, both corrected to 15% O₂, effective 7/1/2011, pursuant to Rule 1110.2(d)(1)(B)(ii).

The engine shall emit no more than 250 ppmvd of VOC and 2000 ppmvd of CO, both corrected to 15% O₂.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;
RULE 2012, 5-6-2005]

[Devices subject to this condition : D76, D77, D78, D79, D80]

D12.2 The operator shall install and maintain a(n) infrared flame detector to accurately indicate the presence of a flame at the flare pilot.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C107, C109]

D12.4 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the oxidation catalyst.

The temperature of the engine exhaust at the inlet of the catalyst shall be between 480 and 1380 degrees F, inclusive.

The temperature range requirement of this condition shall not apply during start-up operations of the engine not to exceed 30 minutes per start-up.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D87, D89, D90, D91, D92, D93]

D12.6 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the oxidization catalyst.

The temperature of the engine exhaust at the inlet of the catalyst shall be between 465 and 1250 degrees F, inclusive.

The temperature range requirement of this condition shall not apply during start-up operations of the engine not to exceed 30 minutes per start-up.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D81]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the VOC emissions at the outlet.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted in compliance with the source testing requirements of Rule 1110.2(f)(1)(C).

The test shall be conducted in accordance with an AQMD approved protocol.

The test shall be conducted to demonstrate compliance with Rule 1110.2.

[RULE 1110.2, 2-1-2008; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E177]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period, or the equipment did not burn fuel oil during the entire period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D95, D96, D97]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 407 emission limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D101, D103]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment on an annual basis whenever this equipment is fired on fuel oil for training/testing purposes; and after every 400 cumulative hours of operation on diesel fuel or after every two million gallons of diesel fuel combusted, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D98, D99, D100, D101, D103]

E. Equipment Operation/Construction Requirements

E17.1 The operator shall not use more than 1 of the following items simultaneously:



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Device ID: D56 [Scrubber]

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D56]

E71.1 The operator shall only use this equipment during process upset, emergency situation and/or safety concern of operating personnel and equipment.

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C107, C109]

E127.1 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

[RULE 463, 5-6-2005]

[Devices subject to this condition : D8, D17, D18, D19, D20, D32, D33, D37, D44, D118, D121]

E127.2 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D22, D23, D24, D25, D26, D27, D28, D29, D36, D38, D39, D40, D41, D42, D43, D172, D173]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.1 The operator shall construct, operate, and maintain this equipment according to the following requirements:

The operator shall install and maintain an engine backpressure gauge to accurately indicate the engine backpressure.

The engine backpressure shall not exceed 44 inches water column.

The catalyst shall be cleaned or replaced if the engine backpressure exceeds the recommended limit.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D87, D89, D90, D91, D92, D93]

E193.2 The operator shall construct, operate, and maintain this equipment according to the following requirements:

The engine shall install and maintain an engine backpressure gauge to accurately indicate the engine backpressure.

The engine backpressure shall not exceed 27 inches water column.

The catalyst shall be cleaned or replaced if the engine backpressure exceeds the recommended limit.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D81]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E313.1 This device is classified as a non-operated major NOx source as defined under Rule 2012 and shall not be operated unless the Facility Permit holder provides written notification to the Executive Officer 30 days prior to starting operation. In order to maintain the non-operational classification, the Facility Permit holder shall:

- (a) Remove a section of the fuel feed line(s) to the device and place a blind flange on both ends of the fuel feed line(s); and
- (b) Remove a section of the process feed line(s) and place a blind flange on both ends of the process feed line(s).

Removal of parts or components solely to qualify the device for non-operated classification pursuant to this condition, or replacement of the same removed parts or components resulting in the device no longer being classified as non-operated shall not be deemed to affect the potential to emit within the meanings of Rule 2005, Regulation XIII and Regulation XXX.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D101, D103]

E315.1 Once this device is operated, it shall no longer be classified as non-operational. This device shall also meet the monitoring requirements of Rule 2012, subparagraph (c)(2)(A) or (c)(2)(B) no later than 30 calendar days after the start of operation except as provided in Rule 2012, paragraph (c)(10).

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D101, D103]

E448.1 The operator shall comply with the following requirements:



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

To comply with Rule 1176, the VOC content of each liquid stream entering each device shall not exceed at all times 5 mg per liter.

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D34, D35, D43, D172, D173]

E448.2 The operator shall comply with the following requirements:

Maintain a quarterly engine operating log that includes:

A. Total hours of operation;

B. Type of liquid fuel;

C. Fuel consumption (gallons of liquid); and

D. Cumulative hours of operation since the last source test required in Rule 1110.2(f)(1)(C).

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

E448.3 The operator shall comply with the following requirements:



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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Maintain a monthly engine operating log that includes:

A. Total hours of operation;

B. Type of liquid fuel;

C. Fuel consumption (gallons of liquid); and

D. Cumulative hours of operation since the last source test required in Rule 1110.2(f)(1)(C).

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D81]

E448.4 The operator shall comply with the following requirements:

The operator shall comply with the requirements of the Inspection and Monitoring (I&M) plan.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D81, D87, D88, D89, D90, D91, D92, D93]

E448.5 The operator shall comply with the following requirements:

The operator shall comply with the reporting requirements of Rule 1110.2(f)(1)(H) pertaining to any equipment breakdown that results in emissions in excess of rule or permit emission limits for VOC or CO.

[RULE 1110.2, 2-1-2008]



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D81, D87, D88, D89, D90, D91, D92, D93]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D22, D23, D24, D25, D26, D27, D28, D29, D31, D34, D35, D36, D38, D39, D40, D41, D42, D43, D130, D172, D173]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 6-1-2007]

[Devices subject to this condition : D125, D126, D127, D128, D129, E179]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1122, 10-1-2004]

[Devices subject to this condition : E181]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 5-2-2008]

[Devices subject to this condition : D8, D17, D18, D19, D20, D32, D33, D37, D44, D118, D121]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	40CFR82, SUBPART	F

[40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E178]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 463, 5-6-2005]

[Devices subject to this condition : D8, D17, D18, D19, D20, D32, D33, D37, D44, D118, D121]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
VOC	District Rule	1110.2

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D81, D87, D88, D89, D90, D91, D92, D93]

H421.2 The operator shall determine compliance with Rule 475 by complying with the tune-up requirements of Rule 2012, whenever the annual fuel oil usage exceeds 1 MM gallons in any one year or the hours of operations on fuel oil exceeds 336 hours in any one year. If annual fuel oil usage exceeds 2 MM gallons in any one year, the operator shall also conduct a source test to determine PM emissions using District method 5.1 measured over a 15 minute averaging time period at least once every five years and with this equipment fired on fuel oil and operating at normal load.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D101, D103]

K. Record Keeping/Reporting



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 15 percent oxygen, dry basis.

[RULE 1110.2, 2-1-2008; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E176]



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
System 4: ICE: RIG GENERATOR - PLATFORM ELLEN					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01B, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL BX-70-D-8, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D82		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D12.6, D28.1, D29.2, D323.3, E193.2, E448.3, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01C, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL BX-70-D-8, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D83		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D12.6, D28.1, D29.2, D323.3, E193.2, E448.3, E448.4, E448.5, H23.7, K40.1
System 5: ICE: RIG GENERATOR - PLATFORM EUREKA					

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit.	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-010-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL BX-70-D-8, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D84		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D12.6, D28.1, D29.2, D323.3, E193.2, E448.3, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-020-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL BX-70-D-8, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D85		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D12.6, D28.1, D29.2, D323.3, E193.2, E448.3, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-030-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL BX-70-D-8, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N:	D86		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D12.6, D28.1, D29.2, D323.3, E193.2, E448.3, E448.4, E448.5, H23.7, K40.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE
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SECTION H: DEVICE ID INDEX

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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 14337 LBS IN ANY ONE DAY
PM	Less than or equal to 1292 LBS IN ANY ONE DAY
ROG	Less than or equal to 3251 LBS IN ANY ONE DAY
SOX	Less than or equal to 532 LBS IN ANY ONE DAY
NOX	Less than or equal to 2017 LBS IN ANY ONE DAY

For the purpose of this condition, the CO emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the PM emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the ROG emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels and the fugitive sources.

For the purpose of this condition, the SOx emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the NOx emission limit shall be the maximum daily potential to emit from the flares, work and crew boats only.

[RULE 1183, 3-12-1993]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

[RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

The MSDS shall be made available to AQMD upon request

[RULE 431.2, 9-15-2000]

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

platform support vessels operating hours

support vessels fuel type and usage

date and time of operation of support vessels

activity associated with vessels operation

[RULE 1183, 3-12-1993]



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 6-1-2007]

[Processes subject to this condition : 2, 4, 5]

SYSTEM CONDITIONS

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 6-1-2007]

[Systems subject to this condition : Process 1, System 1, 2, 3, 7, 8]

DEVICE CONDITIONS

A. Emission Limits

A63.9 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

CO	Less than or equal to 794.6 LBS PER DAY
PM	Less than or equal to 38.8 LBS PER DAY
ROG	Less than or equal to 156.4 LBS PER DAY
SOX	Less than or equal to 8.2 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D82, D83, D84, D85, D86]

D. Monitoring/Testing Requirements

D12.6 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the oxidization catalyst.

The temperature of the engine exhaust at the inlet of the catalyst shall be between 465 and 1250 degrees F, inclusive.

The temperature range requirement of this condition shall not apply during start-up operations of the engine not to exceed 30 minutes per start-up.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D82, D83, D84, D85, D86]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the VOC emissions at the outlet.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted in compliance with the source testing requirements of Rule 1110.2(f)(1)(C).

The test shall be conducted in accordance with an AQMD approved protocol.

The test shall be conducted to demonstrate compliance with Rule 1110.2.



**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[RULE 1110.2, 2-1-2008; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D82, D83, D84, D85, D86]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Location
VOC emissions	District Method 25.3	District-approved averaging time	Outlet
CO emissions	District method 100.1	District-approved averaging time	Outlet



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

The test shall be conducted after AQMD approval of the source test protocol, but no later than 180 days after the permit to construct is issued. The AQMD shall be notified of the date and time of the test at least 30 days prior to the test.

The test shall be conducted in accordance with an AQMD approved test protocol. The protocol shall be submitted to the AQMD engineer no later than 60 days before the proposed test date and shall be approved by the AQMD before the test commences. The test protocol shall include the name, address and phone number of the engine operator and a District-approved source testing contractor that will conduct the test, the application and permit number(s), emission limits, a description of the engine(s)

to be tested, the test methods and procedures to be used, the number of tests to be conducted and under what loads, the required minimum sampling time for the VOC test based on the analytical detection limit and expected VOC levels, and a description of the parameters to be measured in accordance with the I&M plan required by the Rule 1110.2(f)(1)(D).

The test shall be conducted in accordance with the source testing requirements of Rule 1110.2(f)(1)(C).

The test shall be conducted for compliance verification of the 30 ppmvd VOC limit.

The test shall be conducted for compliance verification of the 250 ppmvd CO limit.

The source test report shall be submitted to the District within 60 days after the test has been conducted.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D82, D83, D84, D85, D86]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D323.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D82, D83, D84, D85, D86]

E. Equipment Operation/Construction Requirements

E193.2 The operator shall construct, operate, and maintain this equipment according to the following requirements:

The engine shall install and maintain an engine backpressure gauge to accurately indicate the engine backpressure.

The engine backpressure shall not exceed 27 inches water column.

The catalyst shall be cleaned or replaced if the engine backpressure exceeds the recommended limit.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D82, D83, D84, D85, D86]

E448.3 The operator shall comply with the following requirements:

Maintain a monthly engine operating log that includes:

A. Total hours of operation;

B. Type of liquid fuel;

C. Fuel consumption (gallons of liquid); and

D. Cumulative hours of operation since the last source test required in Rule 1110.2(f)(1)(C).

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D82, D83, D84, D85, D86]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E448.4 The operator shall comply with the following requirements:

The operator shall comply with the requirements of the Inspection and Monitoring (I&M) plan.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D82, D83, D84, D85, D86]

E448.5 The operator shall comply with the following requirements:

The operator shall comply with the reporting requirements of Rule 1110.2(f)(1) (H) pertaining to any equipment breakdown that results in emissions in excess of rule or permit emission limits for VOC or CO.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D82, D83, D84, D85, D86]

H. Applicable Rules

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
VOC	District Rule	1110.2

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D82, D83, D84, D85, D86]

K. Record Keeping/Reporting



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 15 percent oxygen, dry basis.

[**RULE 1110.2, 2-1-2008; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D82, D83, D84, D85, D86]



FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
519178	1110.2

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

M E M O R A N D U M

Date: October 2, 2012
To: Application File
From: Maria Vibal
Subject: Issuance of Permit Applications
 Beta Offshore (Fac. ID 166073)

09/21/2012 Based on the permitting guidance provided by Sr. Engr. Rob Castro and Air Quality Analysis and Compliance Supervisor Gary Turner, the actions stated below will be completed on the following permit applications :

Appl. No.	RECLAIM/TV Appl.	Appl. Type	Action
517838-42 <i>p/o's</i>	517837	C/O, P/C's Issued	Convert to P/O's; incorporate in RECLAIM/TV appl. 517837 (sect. D).
517837 <i>revised</i>	-	RECLAIM/TV Mod.	Disposition; don't issue.
519178	-	Rule 1110.2 I&M Plan	Process; incorporate in RECLAIM/TV appl. 531454 as admin. Revision (sect. I).
531455 <i>p/o's</i>	531454	Ch. of condition	Process as PC/PO; incorporate in RECLAIM/TV appl. 531454 (sect. D).
531454	-	RECLAIM/TV Mod.	Process as minor revision w/ EPA review.
533629-32, 533634-36	533625	Ch. of condition	Process as PC/PO, correction on condition C1.3; incorporate in RECLAIM/TV appl. 531454 as admin. Revision (sect. D).

Note : Change of condition A/N's 533629-32, 533634-36 supersede A/N's 517838-42.

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	Evaluated by: M. Vibal	Operation Team O

EVALUATION REPORT FOR PERMITS TO CONSTRUCT/OPERATE
Change of Condition and Administrative Revision of RECLAIM /Title V Facility Permit

APPLICANT'S NAME: Beta Offshore (Fac. ID 166073)

MAILING ADDRESS: 111 West Ocean Blvd. Ste. 1240
Long Beach, CA 90802-4645

EQUIPMENT LOCATION: OCS Lease Parcels P300/P301
Federal Waters

CONTACT : Marina Robertson
HSE & Regulatory Manager
Tel: (562) 683-3497

EQUIPMENT DESCRIPTION:

A/N's 533629-32, 533634, 533635, 533636 [Permits to Construct/Operate]

Beta Offshore (Beta) is proposing to change condition no. C1.3 to include the language on fuel usage limit to exempt the engines from the Rule 1110.2 concentration limits that would have been effective on July 1, 2011. The equipment are seven crane engines with device ID numbers D87 up to D93.

Device Id No.	Appl. No.	Previous Appl. No.
D87	533629	517840
D88	533630	516034
D89	533631	517839
D90	533632	517838
D93	533634	516037
D92	533635	517842
D91	533636	517841

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	M. Vibal	O

Section D: Permit to Construct and Operate

Process 3: Internal Combustion Engines - System 6: ICE: Pedestal Crane - Platform Ellen					
DESCRIPTION	ID No.	Connected to	Source Type/ Monitoring Unit	Emissions and Requirements	Equipment Specific Condition
Internal Combustion Engine, Non-Emergency, L-11B, Diesel Fuel, Detroit Diesel, Model 1064-7001, with Oxidation Catalyst, Johnson Matthey, Model JM P/N CXXO-S-8-4, Ellen East Crane, 195 BHP, A/N 517840 <u>533629</u>	D87		NOx: Process Unit	CO: 2000 ppmv (5) [Rule 1110.2, 2-1-2008]; NOx: 469 lbs/1000 Gal, Diesel (3) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986]; VOC: 250 ppmv (5) [Rule 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
Internal Combustion Engine, Non-Emergency, L-11A, Diesel Fuel, Detroit Diesel, Model 1063-7008, with Oxidation Catalyst, Johnson Matthey, Model JM P/N CXXO-S-8-4, Ellen Center Crane, 195 BHP, A/N 517841 <u>533636</u>	D91		NOx: Process Unit	CO: 2000 ppmv (5) [Rule 1110.2, 2-1-2008]; NOx: 469 lbs/1000 Gal, Diesel (3) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986]; VOC: 250 ppmv (5) [Rule 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1

Section D: Permit to Construct and Operate

Process 3: Internal Combustion Engines System 7: ICE: Pedestal Crane - Platform Eureka					
DESCRIPTION	ID No.	Connected to	Source Type/ Monitoring Unit	Emissions and Requirements	Equipment Specific Condition
Internal Combustion Engine, Non-Emergency, CR-030-A2, Diesel Fuel, Detroit Diesel, Model 1067-8503, Eureka West Crane, 195 BHP, A/N 516034 <u>533630</u>	D88		NOx: Process Unit	CO: 2000 ppmv (5) [Rule 1110.2, 2-1-2008]; NOx: 469 lbs/1000 Gal, Diesel (3) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986]; VOC: 250 ppmv (5) [Rule 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1
Internal Combustion Engine, Non-Emergency, CR-010-A2, Diesel Fuel, Detroit Diesel, Model 1064-7001, with Oxidation Catalyst, Johnson Matthey, Model JM P/N	D89		NOx: Process Unit	CO: 2000 ppmv (5) [Rule 1110.2, 2-1-2008]; NOx: 469 lbs/1000 Gal, Diesel (3) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986]; VOC: 250 ppmv (5) [Rule 1110.2, 2-	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1

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CXXO-S-8-4, Eureka East Crane, 195 BHP, A/N 517839 <u>533631</u>				1-2008]	
Internal Combustion Engine, Non-Emergency, CR-020-A2, Diesel Fuel, Detroit Diesel, Model 1064-7001, with Oxidation Catalyst, Johnson Matthey, Model JM P/N CXXO-S-8-4, Eureka Center Crane, 195 BHP, A/N 517838 <u>533632</u>	D90		NOx: Process Unit	CO: 2000 ppmv (5) [Rule 1110.2, 2-1-2008]; NOx: 469 lbs/1000 Gal, Diesel (3) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986]; VOC: 250 ppmv (5) [Rule 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
System 8: ICE: Pedestal Crane - Platform Elly					
Internal Combustion Engine, Non-Emergency, L-01A, Diesel Fuel, Detroit Diesel, Model 1064-7001, with Oxidation Catalyst, Johnson Matthey, Model JM P/N CXXO-S-8-4, Elly East Crane, 195 BHP, A/N 517842 <u>533635</u>	D92		NOx: Process Unit	CO: 2000 ppmv (5) [Rule 1110.2, 2-1-2008]; NOx: 469 lbs/1000 Gal, Diesel (3) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986]; VOC: 250 ppmv (5) [Rule 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
Internal Combustion Engine, Non-Emergency, L-01B, Diesel Fuel, Detroit Diesel, Model 1064-7001, Elly West Crane, with Oxidation Catalyst, Clean Emissions Prod, Model 4-400, 195 BHP, A/N 516037 <u>533634</u>	D93		NOx: Process Unit	CO: 2000 ppmv (5) [Rule 1110.2, 2-1-2008]; NOx: 469 lbs/1000 Gal, Diesel (3) [Rule 2012, 5-6-2005]; PM: (9) [Rule 404, 2-7-1986]; VOC: 250 ppmv (5) [Rule 1110.2, 2-1-2008]	A63.6, C1.3, C1.4, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1

PERMIT CONDITIONS:

C. Throughput or Operating Parameter Limits

Proposed Permit Condition :

C1.3 The operator shall limit the operating time to no more than 500 hours(s) in any one year. or the fuel usage to no more than 1×10^9 BTUs, in any one year.

Meeting either criteria shall ~~The purpose(s) of this condition is to~~ exempt the engine from the VOC limit of 30 ppmvd and the CO limit of 250 ppmvd, both corrected to 15% O₂, effective 7/1/2011, pursuant to Rule 1110.2(d)(1)(B)(ii).

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The engine shall emit no more than 250 ppmvd of VOC and 2000 ppmvd of CO, both corrected to 15% O₂. To comply with this condition, the operator shall install and maintain a(n)-non-resettable elapsed time meter to accurately indicate the elapsed operating time ~~of the equipment~~ **or a non-resettable totalizing fuel meter to accurately indicate the fuel usage, for the engine.**

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

The Facility Permit Program cannot accommodate the above changes in the permit wording. The permit condition will be split into two according to the following wording :

C1.3 The operator shall limit the operating time to no more than 500 hours(s) in any one year.

In lieu of complying with this condition, the operator may comply with Condition C1.4.

The purpose(s) of this condition is to exempt the engine from the VOC limit of 30 ppmvd and the CO limit of 250 ppmvd, both corrected to 15% O₂, effective 7/1/2011, pursuant to Rule 1110.2(d)(1)(B)(ii).

The engine shall emit no more than 250 ppmvd of VOC and 2000 ppmvd of CO, both corrected to 15% O₂. To comply with this condition, the operator shall install and maintain a(n)-non-resettable elapsed time meter to accurately indicate the elapsed operating time of the equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

C1.4 The operator shall limit the fuel usage to no more than 1×10^9 Btu in any one year.

In lieu of complying with this condition, the operator may comply with Condition C1.3.

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The purpose(s) of this condition is to exempt the engine from the VOC limit of 30 ppmvd and the CO limit of 250 ppmvd, both corrected to 15% O₂, effective 7/1/2011, pursuant to Rule 1110.2(d)(1)(B)(ii).

The engine shall emit no more than 250 ppmvd of VOC and 2000 ppmvd of CO, both corrected to 15% O₂.

To comply with this condition, the operator shall install and maintain a(n)-non-resettable totalizing fuel meter to accurately indicate the fuel usage of the equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

BACKGROUND:

Beta Offshore acquired this offshore facility from Pacific Energy and operates the OCS oil/gas production facility consisting of three offshore platforms – Elly, Ellen, and Eureka. The facility is located on the federal OCS, approximately 9 miles offshore of Huntington Beach. The oil and gas wells and a few minor equipment are located on Platforms Ellen and Eureka. The oil/gas/water produced from the wells on Ellen and Eureka are transported via subsea pipelines to Platform Elly for additional processing. The produced oil is shipped to the shore by subsea pipeline to the onshore receiving facility. The natural gas produced is used on platform Elly as fuel for electrical power generating turbines. The platform’s total power demand is met by the turbines which are dual fuel and also operate on diesel. The produced water is re-injected into the reservoir.

Beta is a RECLAIM/Title V facility and is in Cycle 1. The change of ownership permit [Pacific Energy Resources to Beta] was issued on Mar. 15, 2011. Pacific Energy Resources requested the annual operating hours exemption on the crane engines in 2010. The exemption allowed the crane engines to comply with the old emission standards for CO and VOC, instead of the more stringent standards that became effective on July 1, 2011. The new limits are 30 ppmvd for VOC and 250 ppmvd for CO, both measured at 15% O₂. Device condition C1.3 addressing the exemption was added to the facility permit and apply to all seven crane engines. The evaluation report for this added condition processed by Engr. Vicky Lee is included in the file. At the time that condition C1.3 was generated, Pacific Energy Resources did not request for the exemption with the annual fuel usage limit.

Pacific Energy Resources kept the old emission limits of 250 ppmvd for VOC and 2000 ppmvd for CO, both measured at 15% O₂ in the facility permit until Beta assumed ownership in March, 2011. Beta applied to retrofit five (D87, D89, D90, D91, D92) of the crane engines with diesel oxidation catalysts to comply with the VOC emission requirement of 250 ppmvd per Rule 1110.2 (d)(1)(B)(ii), as amended on 2/1/2008. Beta submitted the retrofit applications in January, 2011 and permits to operate were issued.

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	533629-32, -34, -35, -36	Sept. 25, 2012
	Evaluated by: M. Vibal	Operation Team O

Beta filed the referenced applications (533629-36) on January 5, 2012 to change condition C1.3 to include the fuel usage limit provided in the Rule 1110.2 exemption from the concentration limits of 30 ppmvd for VOC and 250 ppmvd for CO, both measured at 15% O₂ that became effective on July 1, 2011. Permit Services rejected the applications received in January because of delinquent fees. Beta resubmitted the applications on Mar. 8, 2012.

Beta exceeded the 500 hrs/yr limit on crane engine D91 for the 2011 compliance year. This exceedance was reported to the AQMD as Title V deviation (No. 291589) and to the District Prosecutor's office. Although the engine exceeded the annual operating hours for low-usage, it did not exceed the fuel usage portion of the low-use criteria under Rule 1110.2(d)(1)(B). According to Beta, they are not expecting to exceed the fuel use portion of the criteria. In compliance year 2011, Beta provided information that they consumed only 988 gallons of diesel for this engine or 0.136 10⁹ BTUs. The fuel usage required in Rule 1110.2(d)(1)(B) is less than 1 x 10⁹ BTUs per year (HHV) to qualify for the exemption.

Since the requested change amounts to a correction of Facility Permit condition C1.3, no emission increases are expected. The change of condition for the seven crane engines is classified as "administrative revision" to the RECLAIM/Title V facility permit.

PROCESS DESCRIPTION:

The crane engines are used to move equipment around the platforms, transport equipment, material, supplies, waste, and personnel from crew boats and service boats to and from the platform. The cranes are also used to deploy boat for safety and environmental drill. These cranes operate at about 50% load and operate on an as needed basis for limited periods of time. The crane engines qualify for the exemption in Rule 1110.2 (d)(1)(B) because of their low use operation.

EMISSION CALCULATIONS:

Since there are no emission increases that are anticipated from the requested change of condition, the emissions from the previous application will be used in these applications. All crane engines are limited to 500 hrs/yr. The operating schedule is 52 wks/yr, 7 days/wk, 1.4 hrs/day.

Devices D87, D89, D90 and D92 are identical (same model number). Device D91 has a different engine model number but emissions are the same as HP rating is the same as the four crane engines. D93 was retrofitted with the diesel oxidation catalyst under Pacific Energy Resources. D93 has the same engine model number as the first four engines; however the catalyst is different and emissions are not the same. D93 cannot be considered identical to these engines. D88 is not equipped with the catalyst.

A/N	CO		NOx		PM ₁₀		VOC, R1		VOC, R2		SOx	
	#/h	#/30-d	#/h	#/30-d	#/h	#/30-d	#/h	#/30-d	#/h	#/30-d	#/h	#/30-d
533629, -31, -32, -35, -36	0.04	0	0.2	0	0.01	0	0.02	0	0.006	0	0.002	0
533630	0.06	0	0.29	0	0.02	0	0.02	0	0.02	0	0.002	0
533634	0.04	0	0.2	0	0.01	0	0.02	0	0.02	0	0.002	0

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Toxic Air Contaminants'(TACs) Emissions:

Since there are no increases in emissions of any criteria pollutant, a detailed toxic analysis is not required.

RULES EVALUATION:

RULE 212 - STANDARDS FOR APPROVING PERMITS AND ISSUING PUBLIC NOTICES

Rule 212 requires that a person shall not build, erect, install, alter, or replace any equipment, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants without first obtaining written authorization for such construction from the Executive Officer. Rule 212(c) states that a project requires written notification if there is an emission increase for ANY criteria pollutant in excess of the daily maximums specified in Rule 212(g), if the equipment is located within 1,000 feet of the outer boundary of a school, or if the MICR is equal to or greater than one in a million (1×10^{-6}) during a lifetime (70 years) for facilities with more than one permitted unit, source under Regulation XX, or equipment under Regulation XXX, unless the applicant demonstrates to the satisfaction of the Executive Officer that the total facility-wide maximum individual cancer risk is below ten in a million (10×10^{-6}) using the risk assessment procedures and toxic air contaminants specified under Rule 1402; or, ten in a million (10×10^{-6}) during a lifetime (70 years) for facilities with a single permitted unit, source under Regulation XX, or equipment under Regulation XXX.

The requested change in condition to add the annual fuel usage limit for low-use criteria to condition C1.3 does not trigger an increase of any emissions. The applications do not require any public notice per subsections (c)(1) – EQUIPMENT AND SCHOOL LOCATIONS, (c)(2) – DAILY EMISSIONS and (c)(3) – MAXIMUM INDIVIDUAL CANCER RISK (MICR).

RULE 1110.2 - EMISSIONS FROM GASEOUS- AND LIQUID-FUELED ENGINES

Rule 1110.2(d)(1)(B)

This section of the rule requires that engines meet the following emission standards as of July 1, 2011:

CONCENTRATION LIMITS EFFECTIVE JULY 1, 2011		
NO _x (ppmvd) ¹	VOC (ppmvd) ²	CO (ppmvd) ¹
11	30	250

¹Parts per million by volume, corrected to 15% oxygen on a dry basis and averaged over 15 minutes.

²Parts per million by volume, measured as carbon, corrected to 15% oxygen on a dry basis and averaged over the sampling time required by the test method.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE DIVISION APPLICATION EVALUATION AND CALCULATIONS	No. of Pages 9	Page No. 8
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The concentration limits effective on and after July 1, 2010 shall not apply to engines that operate less than 500 hours per year or use less than 1×10^9 British Thermal Units (Btus) per year (higher heating value) of fuel.

Beta provided information that they will not exceed the fuel usage of 1×10^9 British Thermal Units (Btus) per year (higher heating value). Condition C1.3 will be corrected to include the restriction on the fuel usage limit for low-use operation. Compliance is expected from the facility.

REGULATION XIII – NEW SOURCE REVIEW

RULE 1303(a) – BACT (Best Available Control Technology)

The Executive Officer shall deny the Permit to Construct for any new source which results in an emission increase of any non-attainment air contaminant, any ozone depleting compound, or ammonia unless the applicant can demonstrate that BACT is employed for the new source. The proposed change of condition is not expected to result in an increase in emissions; therefore, BACT requirements are not triggered.

RULE 1303(b)(1) – MODELING

The proposed change of condition does not result in an increase of any emissions. The modeling requirements of Rule 1303 are not triggered.

RULE 1303(b)(2) – OFFSETS

The proposed change of condition does not result in an increase of any emissions. The offset requirements of Rule 1303 are not triggered.

REGULATION XX – REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Beta Offshore is a NOx RECLAIM facility. The proposed change of condition does not impact the NOx emissions. A detailed analysis of Regulation XX is not required for the applications.

REGULATION XXX – TITLE V PERMITS

Beta Offshore is also operating under the federal Title V permitting program. The requirements of this regulation apply to the facility. Beta Offshore was issued its Initial Title V permit on March 12, 2010 and is valid through March 11, 2015. The proposed change of condition requires a correction on device condition C1.3. Incorporating the change in the RECLAIM/Title V facility permit qualifies as administrative change which does not require a federal review by the Environmental Protection Agency per Rule 3003(j)(1)(B). Compliance is expected from the facility.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE DIVISION APPLICATION EVALUATION AND CALCULATIONS	No. of Pages 9	Page No. 9
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CONCLUSIONS AND RECOMMENDATIONS:

The applications are expected to comply with all applicable District Rules and Regulations. It is recommended that Permits to Construct/Operate be issued to the facility with the permit conditions provided in the draft facility permit.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

MEMORANDUM

Date: October 2, 2012
To: Application File
From: Maria Vibal
Subject: Rule 1110.2 I & M Plan Approval – A/N 519178
Beta Offshore (Fac. ID 166073)

09/21/2012 Met with Sr. Engr. Rob Castro and Air Quality Analysis and Compliance Supervisor Gary Turner. Per permitting guidance provided by management staff, the subject plan application can be processed and submitted for final approval. The approval will be incorporated in Beta Offshore's RECLAIM/Title V facility permit revision A/N 531454. This inclusion of the Rule 1110.2 I & M Plan approval is an administrative change to the facility's RECLAIM/Title V facility permit. It does not require a federal review by the Environmental Protection Agency (EPA) as provided in AQMD Rule 3003(j)(1)(B). The letter of approval for the Rule 1110.2 I & M plan can be mailed later to Beta Offshore.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

M E M O R A N D U M

Date: June 21, 2012
To: Application File
From: Maria Vibal
Subject: Issuance of Title V Revision No. 6 - Beta Offshore (Fac. ID 166073)
Application No. 531454

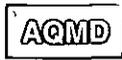
The proposed Title V minor permit revision was sent to the Environmental Protection Agency (EPA) on May 4, 2012 for the requisite 45-day federal review. We did not receive any comments from EPA staff regarding the draft permit. The 45-day review period was completed on June 17, 2012. This Title V revision application is therefore, recommended for final approval based on the permit attached.

Maria Vibal

From: Maria Vibal
Sent: Friday, May 04, 2012 7:42 AM
To: R9AirPermits_sc@epa.gov
Subject: Draft Title V Permit for Beta Offshore
Attachments: NSCAN0220120504063300.pdf



South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

May 8, 2012

Mr. Gerardo Rios
Chief, Permits Office
U.S. EPA – Region IX – Air – 3
75 Hawthorne Street
San Francisco, CA 94105

Dear Mr. *Gerardo* Rios:

Subject: Beta Offshore (ID 166073) - Title V Permit Revision

Beta Offshore is an oil and gas production facility located in Federal Waters. They are proposing to revise their Title V permit under Application No. 531454 by the following action :

Appl. No.	Device No.	Section No.	Proposed action
531455	D99	D	Change NOx Reclaim concentration limit.

This proposed revision is considered a “minor permit revision” to their Title V Facility Permit. The draft Title V permit for the proposed revision is being sent electronically for your review. With your receipt of this proposed Title V permit, we will note that the EPA 45-day review period has begun.

If you have any questions or wish to provide comments regarding these changes, please call the processing engineer, Ms. Maria Vibal at (909) 396-2422 or mvibal@aqmd.gov.

Sincerely,



William C. Thompson, P.E.
Senior Manager
Operations Team
Engineering and Compliance

WCT:GLT:RGC:MV

Enclosures

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
System 1: OIL/WATER/GAS SEPARATION - PLATFORM ELLEN					S13.1
VESSEL, SEPARATOR, BLOW DOWN, V-101, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 8 IN A/N: 516016	D1	D54 D56 D108			
System 2: OIL/WATER/GAS SEPARATION - PLATFORM EUREKA					S13.1
VESSEL, MAM-1102A, FREE WATER KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D2	D46 D48 D105			
VESSEL, MAM-1102B, FREE WATER KNOCKOUT, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D3	D46 D48 D105			
VESSEL, SEPARATOR, TEST, MBD-1104A, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D4	D46 D48 D105			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, SEPARATOR, TEST, MBD-1104B, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO SCRUBBER, LENGTH: 15 FT ; DIAMETER: 6 FT A/N: 516016	D5	D46 D48 D105			
VESSEL, MAY-1101, HEATED, PRODUCTION SURGE, PRESSURE VESSEL, VENTED TO VAPOR RECOVERY, SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 30 FT ; DIAMETER: 12 FT A/N: 516016	D6	D46 D48 D105			
VESSEL, MAY-1116, WELL CLEAN-UP SURGE, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 516016	D7	D46 D48 D105			
TANK, HEATED, ABJ-1105, WELL CLEAN UP, CRUDE OIL, 1000 BBL; WIDTH: 15 FT ; HEIGHT: 14 FT 6 IN; LENGTH: 30 FT A/N: 516016	D8	D158			E127.1, H23.4, H23.6
VESSEL, KAH-1603, CRUDE OIL LAUNCHER, LENGTH: 8 FT 10 IN; DIAMETER: 1 FT 4 IN A/N: 516016	D159				
System 3: OIL/WATER/GAS SEPARATION - PLATFORM ELLY					S13.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 - (3) Denotes RECLAIM concentration limit
 - (5) (5A) (5B) Denotes command and control emission limit
 - (7) Denotes NSR applicability limit
 - (9) See App B for Emission Limits
 - (2) (2A) (2B) Denotes RECLAIM emission rate
 - (4) Denotes BACT emission limit
 - (6) Denotes air toxic control rule limit
 - (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 - (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, RECEIVER, U-08, EUREKA OIL, DIAMETER: 1 FT 4 IN A/N: 516016	D9				
VESSEL, RECEIVER, M5, EDITH OIL, LENGTH: 3 FT ; DIAMETER: 8 IN A/N: 516016	D10				
VESSEL, TREATER, V-03A, WELL TEST/CLEAN UP, PRESSURE VESSEL, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, HEIGHT: 17 FT ; DIAMETER: 8 FT A/N: 516016	D11	D54 D56 D108			
VESSEL, TREATER, V-03B, WELL TEST/CLEAN UP, PRESSURE VESSEL, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, HEIGHT: 17 FT ; DIAMETER: 8 FT A/N: 516016	D12	D54 D56 D108			
VESSEL, V-01A, FREE WATER KNOCKOUT, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 40 FT ; DIAMETER: 10 FT A/N: 516016	D13	D56 D108			

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, V-01B, FREE WATER KNOCKOUT, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 40 FT ; DIAMETER: 10 FT A/N: 516016	D14	D56 D108			
VESSEL, TREATER, V-02A, PRESSURE VESSEL, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 45 FT ; DIAMETER: 12 FT A/N: 516016	D15	D54 D56 D108			
VESSEL, TREATER, V-02B, PRESSURE VESSEL, HEATED, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, LENGTH: 45 FT ; DIAMETER: 12 FT A/N: 516016	D16	D54 D56 D108			
TANK, HOLDING, S-02A, WET CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 500 BBL; WIDTH: 7 FT ; HEIGHT: 14 FT ; LENGTH: 30 FT A/N: 516016	D17	D54 D56			E127.1, H23.4, H23.6

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, HOLDING, S-02B, DRY CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 2500 BBL; WIDTH: 30 FT ; HEIGHT: 14 FT ; LENGTH: 36 FT A/N: 516016	D18	D54 D56			E127.1, H23.4, H23.6
TANK, HOLDING, TK-1000, DRY CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 600 BBL; WIDTH: 13 FT ; HEIGHT: 15 FT ; LENGTH: 17 FT A/N: 516016	D19	D54 D56			E127.1, H23.4, H23.6
TANK, HOLDING, TK-1001, DRY CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 600 BBL; WIDTH: 13 FT ; HEIGHT: 15 FT ; LENGTH: 17 FT A/N: 516016	D20	D54 D56			E127.1, H23.4, H23.6
VESSEL, SPHERE LAUNCHER, U-10, DIAMETER: 1 FT 8 IN A/N: 516016	D21				
System 4: WASTE WATER TREATMENT - PLATFORM ELLEN					
TANK, U-16, EMERGENCY SUMP, TANK OVERFLOW, 244 BBL; DIAMETER: 3 FT ; HEIGHT: 194 FT A/N: 516017	D22	D175			E127.2, H23.1
TANK, HOLDING, U-17B, DRAIN WATER, 76 BBL; DIAMETER: 6 FT ; HEIGHT: 15 FT A/N: 516017	D23	D175			E127.2, H23.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, HOLDING, U-18B, CRUDE OIL, 19 BBL; DIAMETER: 3 FT ; HEIGHT: 15 FT A/N: 516017	D24	D175			E127.2, H23.1
TANK, HOLDING, U-17A, DRAIN WATER, 76 BBL; DIAMETER: 6 FT ; HEIGHT: 15 FT A/N: 516017	D25	D175			E127.2, H23.1
TANK, HOLDING, U-18A, CRUDE OIL, 19 BBL; DIAMETER: 3 FT ; HEIGHT: 15 FT A/N: 516017	D26	D175			E127.2, H23.1
System 5: WASTE WATER TREATMENT - PLATFORM EUREKA					
TANK, HOLDING, ABH-1107, DRAIN WATER, 81 BBL; DIAMETER: 6 FT ; LENGTH: 16 FT A/N: 516017	D27	D158			E127.2, H23.1
TANK, HOLDING, ABH-1108, CRUDE OIL, 32 BBL; DIAMETER: 4 FT ; HEIGHT: 16 FT A/N: 516017	D28	D158			E127.2, H23.1
TANK, ABH-1109, EMERGENCY SUMP, TANK OVERFLOWS, 268 BBL; DIAMETER: 3 FT ; HEIGHT: 213 FT A/N: 516017	D29	D158			E127.2, H23.1
VESSEL, RECEIVER, KAQ-1602, INJECTION WATER, LENGTH: 8 FT 8 IN; DIAMETER: 1 FT A/N: 516017	D30				
System 6: WASTE WATER TREATMENT - PLATFORM ELLY					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, SEPARATOR, V-1000, SOURCE WATER, PRESSURE VESSEL, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N: 516017	D31	D54 D56 D108			H23.1
TANK, HOLDING, S-01A, PRODUCED WATER, VENTED TO VAPOR RECOVERY SYSTEM, 800 BBL; WIDTH: 14 FT ; HEIGHT: 12 FT ; LENGTH: 30 FT A/N: 516017	D32	D54 D56			E127.1, H23.4, H23.6
TANK, HOLDING, S-01B, PRODUCED WATER, VENTED TO VAPOR RECOVERY SYSTEM, 800 BBL; WIDTH: 14 FT ; HEIGHT: 12 FT ; LENGTH: 30 FT A/N: 516017	D33	D54 D56			E127.1, H23.4, H23.6
FLOATATION UNIT, U-01A, WEMCO, MODEL 120, 213 BBL A/N: 516017	D34				E448.1, H23.1
FLOATATION UNIT, U-01B, WEMCO, MODEL 120, 213 BBL A/N: 516017	D35				E448.1, H23.1
TANK, U-02A, OILY WATER, OILY WATER SUMP, 32 BBL; DIAMETER: 3 FT 6 IN; HEIGHT: 18 FT 9 IN A/N: 516017	D172				E127.2, E448.1, H23.1
TANK, U-02B, OILY WATER, OILY WATER SUMP, 32 BBL; DIAMETER: 3 FT 6 IN; HEIGHT: 18 FT 9 IN A/N: 516017	D173				E127.2, E448.1, H23.1

- | | |
|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor | (2) (2A) (2B) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See section J for NESHAP/MACT requirements |

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, SURGE, S-04, FILTER BACKWASH SUPPLY WATER, VENTED TO VAPOR RECOVERY SYSTEM, 400 BBL; WIDTH: 15 FT; HEIGHT: 12 FT; LENGTH: 15 FT A/N: 516017	D36	D54 D56			E127.2, H23.1
TANK, SURGE, S-03, FILTERED PRODUCED/SOURCE WATER, VENTED TO VAPOR RECOVERY SYSTEM, 600 BBL; WIDTH: 15 FT; HEIGHT: 12 FT; LENGTH: 23 FT A/N: 516017	D37	D54 D56			E127.1, H23.4, H23.6
TANK, U-06, EMERGENCY SUMP, TANK OVERFLOWS, 243 BBL; DIAMETER: 3 FT; HEIGHT: 193 FT A/N: 516017	D38	D175			E127.2, H23.1
TANK, HOLDING, U-04, DRAIN WATER, 80 BBL; DIAMETER: 6 FT; HEIGHT: 16 FT A/N: 516017	D39	D175			E127.2, H23.1
TANK, HOLDING, U-05, CRUDE OIL, 36 BBL; DIAMETER: 4 FT; HEIGHT: 16 FT A/N: 516017	D40	D175			E127.2, H23.1
TANK, HOLDING, S-05A, FILTER BACKWASH WATER, VENTED TO VAPOR RECOVERY SYSTEM, 190 BBL; WIDTH: 12 FT; HEIGHT: 11 FT 6 IN; LENGTH: 15 FT A/N: 516017	D41	D54 D56			E127.2, H23.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
TANK, HOLDING, S-05B, FILTER BACKWASH WATER, VENTED TO VAPOR RECOVERY SYSTEM, 190 BBL; WIDTH: 12 FT ; HEIGHT: 11 FT 6 IN; LENGTH: 15 FT A/N: 516017	D42	D54 D56			E127.2, H23.1
TANK, HOLDING, S-07, CENTRATE, 85 BBL; WIDTH: 8 FT ; HEIGHT: 7 FT 6 IN; LENGTH: 8 FT A/N: 516017	D43				E127.2, E448.1, H23.1
TANK, HOLDING, S-06, SOLIDS LADEN WATER, VENTED TO VAPOR RECOVERY SYSTEM, 690 BBL; WIDTH: 12 FT ; HEIGHT: 13 FT 6 IN; LENGTH: 24 FT A/N: 516017	D44	D54 D56			E127.1, H23.4, H23.6
VESSEL, U-14A, SPHERE LAUNCHER, INJECTION WATER, DIAMETER: 1 FT 2 IN A/N: 516017	D160				
System 7: VAPOR RECOVERY SYSTEM - PLATFORM EUREKA					
SCRUBBER, MBF-1310A, COMPRESSOR SUCTION, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 7 FT 6 IN; DIAMETER: 3 FT A/N: 516018	D46	D2 D3 D4 D5 D6 D7 D105			
COMPRESSOR, CAY-1310 B, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER A/N: 516018	D68	D105			

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, SEPARATOR, MBF-1310B, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 8 FT ; DIAMETER: 2 FT 8 IN A/N: 516018	D47	D105			
VESSEL, SEPARATOR, MBF-1310C, EMERGENCY PRESSURE RELIEF VALVE VENTED TO SCRUBBER, HEIGHT: 7 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 516018	D48	D2 D3 D4 D5 D6 D7 D105			
VESSEL, KAH-1601, GAS LAUNCHER, LENGTH: 6 FT 4 IN; DIAMETER: 10 IN A/N: 516018	D49				
System 8: VAPOR RECOVERY SYSTEM - PLATFORM ELLY					S13.1
DRUM, LOW PRESSURE RELIEF, V-09, VENTED TO VAPOR RECOVERY SYSTEM, EMERGENCY PRESSURE RELIEF VALVES VENTED TO ATMOSPHERE, 20 BBL; DIAMETER: 4 FT ; LENGTH: 9 FT A/N: 516018	D45	D54 D56			
VESSEL, RECEIVER, U-09, EMERGENCY PRESSURE RELIEF VALVES VENTED TO DRUM, DIAMETER: 10 IN A/N: 516018	D52	D108			

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
VESSEL, V-18, SLUG CATCHER, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D53	D108			
SCRUBBER, V-04, COMPRESSOR SUCTION GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 3 FT 6 IN A/N: 516018	D54	D1 D11 D12 D15 D16 D17 D18 D19 D20 D31 D32 D33 D36 D37 D41 D42 D44 D45 D108			
COMPRESSOR, K-01, RECIPROCATING A/N: 516018	D55				
SCRUBBER, V-1004A, 35# GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 516018	D56	D1 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D31 D32 D33 D36 D37 D41 D42 D44 D45 D108			E17.1
SCRUBBER, V-05A, COMPRESSOR SUCTION GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D57	D108			
SCRUBBER, V-05B, COMPRESSOR SUCTION GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D58	D108			

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE OIL PRODUCTION					
COMPRESSOR, K-02A, FUEL GAS A/N: 516018	D59				
COMPRESSOR, K-02B, FUEL GAS A/N: 516018	D60				
SCRUBBER, V-06A, COMPRESSOR INTERSTAGE GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D61	D108			
SCRUBBER, V-06B, COMPRESSOR INTERSTAGE GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D62	D108			
VESSEL, V-11, SCOUR GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, LENGTH: 40 FT ; DIAMETER: 2 FT 6 IN A/N: 516018	D63	D108			
VESSEL, V-07, KNOCKOUT SCRUBBER, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 6 FT ; DIAMETER: 2 FT A/N: 516018	D51	D108			
VESSEL, V-08, INTERSTAGE SCRUBBER, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N: 516018	D50	D108			
Process 2: FUEL GAS TREATMENT - PLATFORM ELLY					P13.1

- | | |
|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor | (2) (2A) (2B) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See section J for NESHAP/MACT requirements |

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2: FUEL GAS TREATMENT - PLATFORM ELLY					P13.1
SCRUBBER, V-15A, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 9 FT 8 IN; DIAMETER: 3 FT A/N: 516019	D64	C66 C67 D108			
SCRUBBER, V-15B, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 9 FT 8 IN; DIAMETER: 3 FT A/N: 516019	D65	C66 C67 D108			
VESSEL, V-100A, SULFA TREAT, LEAD/LAG, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 11 FT 2 IN; DIAMETER: 5 FT A/N: 516019	C66	D64 D65 D108			
VESSEL, V-100B, SULFA TREAT, LAG/LEAD, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, HEIGHT: 11 FT 2 IN; DIAMETER: 5 FT A/N: 516019	C67	D64 D65 D108			
VESSEL, RECEIVER, MBL-1003, FUEL GAS, EMERGENCY PRESSURE RELIEF VALVE VENTED TO DRUM, LENGTH: 22 FT ; DIAMETER: 8 FT A/N: 516019	D69	D108			
Process 3: INTERNAL COMBUSTION					
System 1: ICE: EMERGENCY POWER - PLATFORM ELLEN					

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, Z-11, DIESEL FUEL, CATERPILLAR, MODEL D379PCTA, WITH AFTERCOOLER, TURBOCHARGER, 600 BHP WITH A/N: 516020 GENERATOR, RIG, EMERGENCY POWER, 420 KW	D76		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.2, C1.1, D12.1
System 2: ICE: EMERGENCY POWER - PLATFORM EUREKA					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, EN-040-E2, DIESEL FUEL, CATERPILLAR, MODEL D379PCTA, WITH AFTERCOOLER, TURBOCHARGER, 600 BHP WITH A/N: 516021 GENERATOR, RIG, EMERGENCY POWER, 420 KW	D77		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.2, C1.1, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LAN-2530, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITT, WITH TURBOCHARGER, 620 BHP WITH A/N: 516022 GENERATOR, EMERGENCY POWER, 500 KW	D78		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.3, C1.1, D12.1
System 3: ICE: EMERGENCY POWER, -PLATFORM ELLY					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 - (3) Denotes RECLAIM concentration limit
 - (5) (5A) (5B) Denotes command and control emission limit
 - (7) Denotes NSR applicability limit
 - (9) See App B for Emission Limits
 - (2) (2A) (2B) Denotes RECLAIM emission rate
 - (4) Denotes BACT emission limit
 - (6) Denotes air toxic control rule limit
 - (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 - (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, Z-10, DIESEL FUEL, DETROIT DIESEL, MODEL 8163-7000, 727 BHP WITH A/N: 516023 GENERATOR, ELLY STAND-BY, EMERGENCY POWER, 400 KW	D79		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.4, C1.1, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, ZAN-9007, DIESEL FUEL, DETROIT DIESEL, MODEL 1043-7000, 155 BHP WITH A/N: 516024 GENERATOR, MARS STAND-BY, EMERGENCY POWER, 30 KW	D80		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	A63.5, C1.1, D12.1
System 4: ICE: RIG GENERATOR - PLATFORM ELLEN					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01A, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH OXIDATION CATALYST, JOHNSON MATTHEY, MODEL BX-70-D-8, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: 516025 GENERATOR, RIG, 600 KW	D81		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D12.6, D28.1, D323.3, E193.2, E448.3, E448.4, E448.5, H23.7, K40.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01B, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D82		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EJ-01C, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D83		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
System 5: ICE: RIG GENERATOR - PLATFORM EUREKA					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-010-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D84		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-020-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D85		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, EN-030-E2, DIESEL FUEL, CATERPILLAR, MODEL D398PCTA, WITH AFTERCOOLER, TURBOCHARGER, 853 BHP WITH A/N: GENERATOR, RIG, 600 KW	D86		NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 450 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.9, D28.1, D323.3, K40.1
System 6: ICE: PEDESTAL CRANE- PLATFORM ELLEN					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-11B, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, ELLEN EAST CRANE, 195 BHP A/N:	D87		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-11A, DIESEL FUEL, DETROIT DIESEL, MODEL 1063-7008, ELLEN CENTER CRANE, 195 BHP A/N:	D91		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
System 7: ICE: PEDESTAL CRANE - PLATFORM EUREKA					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CR-030-A2, DIESEL FUEL, DETROIT DIESEL, MODEL 1067-8503, EUREKA WEST CRANE, 195 BHP A/N: 516034	D88		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CR-010-A2, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, EUREKA EAST CRANE, 195 BHP A/N:	D89		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CR-020-A2, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, EUREKA CENTER CRANE, 195 BHP A/N:	D90		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1
System 8: ICE: PEDESTAL CRANE - PLATFORM ELLY					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-01A, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, ELLY EAST CRANE, 195 BHP A/N:	D92		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, D28.1, D323.3, E448.2, E448.4, E448.5, H23.7, K40.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 - (3) Denotes RECLAIM concentration limit
 - (5) (5A) (5B) Denotes command and control emission limit
 - (7) Denotes NSR applicability limit
 - (9) See App B for Emission Limits
 - (2) (2A) (2B) Denotes RECLAIM emission rate
 - (4) Denotes BACT emission limit
 - (6) Denotes air toxic control rule limit
 - (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 - (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, L-01B, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7001, ELLY WEST CRANE, WITH OXIDATION CATALYST, CLEAN EMISSIONS PROD, MODEL 4-400, 195 BHP A/N: 516037	D93		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 1110.2, 2-1-2008]; NOX: 469 LBS/1000 GAL DIESEL (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 250 PPMV (5) [RULE 1110.2, 2-1-2008]	A63.6, C1.3, D12.4, D28.1, D323.3, E193.1, E448.2, E448.4, E448.5, H23.7, K40.1
System 10: TURBINES: PUMP MECHANICAL POWER - PLATFORM ELLY					
GAS TURBINE, NP-07-A, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL SATURN MG1-SB, 2.9 MMBTU/HR WITH A/N: 516038 PUMP, WATER INJECTION	D95		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 65 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 95 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.8, B61.1, B61.2, D323.2
GAS TURBINE, NP-10-A, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL SATURN MG1-SB, 2.9 MMBTU/HR WITH A/N: 516039 PUMP, WATER INJECTION	D96		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 65 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 95 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.8, B61.1, B61.2, D323.2

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
GAS TURBINE, NP-10-B, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL SATURN MG1-SB, 2.9 MMBTU/HR WITH A/N: 516040 PUMP, WATER INJECTION	D97		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 65 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 95 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.8, B61.1, B61.2, D323.2
System 11: ELECTRICITY GENERATION - PLATFORM ELLY					
GAS TURBINE, NJ-01-A, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL CENTAUR GC1-CB-ID, 42 MMBTU/HR WITH A/N: 516041 GENERATOR, 2.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 18 MM BTU/HR	D98		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 140 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 180 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.11, B61.1, B61.2, D371.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
GAS TURBINE, NJ-01-B, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL CENTAUR GC1-CB-ID, 42 MMBTU/HR WITH A/N: GENERATOR, 2.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 18 MM BTU/HR	D99		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 180 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.11, B61.1, B61.2, D371.1
GAS TURBINE, NJ-01-C, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL CENTAUR GC1-CB-ID, 42 MMBTU/HR WITH A/N: 516043 GENERATOR, 2.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 18 MM BTU/HR	D100		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 140 PPMV PROCESS GAS (3) [RULE 2012, 5-6-2005]; NOX: 180 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.11, B61.1, B61.2, D371.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: INTERNAL COMBUSTION					
GAS TURBINE, NJ-01-D, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL MARS GS2-MA-ID, 87 MMBTU/HR WITH A/N: 516044 GENERATOR, 6.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 29 MM BTU/HR	D101	S102	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: 0.01 GRAINS/SCF (5A) [RULE 475, 8-7-1978]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5B) [RULE 475, 8-7-1978]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.10, A327.1, B61.1, B61.2, D328.1, D371.1, E313.1, E315.1, H421.2
STACK, MARS NJ-01-D A/N: 516044	S102	D101			
GAS TURBINE, NJ-01-E, DIESEL FUEL, PROCESS GAS, SOLAR, MODEL MARS GS2-MA-ID, 87 MMBTU/HR WITH A/N: 516046 GENERATOR, 6.5 MW HEAT EXCHANGER, WASTE HEAT RECOVERY, 29 MM BTU/HR	D103	S104	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: 0.01 GRAINS/SCF (5A) [RULE 475, 8-7-1978]; PM: 11 LBS/HR (5B) [RULE 475, 8-7-1978]; SOX: 500 PPMV DIESEL (5) [RULE 407, 4-2-1982]	A63.10, A327.1, B61.1, B61.2, D328.1, D371.1, E313.1, E315.1, H421.2
STACK, MARS NJ-01-E A/N: 516046	S104	D103			
Process 4: EXTERNAL COMBUSTION					P13.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 4: EXTERNAL COMBUSTION					P13.1
System 1: FLARE - PLATFORM EUREKA					
SCRUBBER, MBF-1106, RELIEF SCRUBBER, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N: 516045	D105	D2 D3 D4 D5 D6 D7 D46 D47 D48 D68 C107			
SCRUBBER, MBF-3001, FLARE PILOT GAS SCRUBBER, HEIGHT: 5 FT ; DIAMETER: 1 FT A/N: 516045	D106	C107			
SCRUBBER, MBF-1200, LOW PRESSURE VENT SCRUBBER, HEIGHT: 4 FT 11 IN; DIAMETER: 10 IN A/N: 516045	D158	D8 D27 D28 D29 C107			
FLARE, ZOO-1620, EUREKA HIGH PRESSURE FLARE, PROCESS GAS, 33 MMSCFD, WITH A WASTE GAS PILOT BURNER A/N: 516045	C107	D105 D106 D158		CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, E71.1
System 2: FLARE - PLATFORM ELLY					
DRUM, V-10, HIGH PRESSURE FLARE DRUM, LENGTH: 10 FT ; DIAMETER: 6 FT A/N: 516047	D108	D1 D11 D12 D13 D14 D15 D16 D31 D50 D51 D52 D53 D54 D56 D57 D58 D61 D62 D63 D64 D65 C66 C67 D69 C109			
SCRUBBER, V-22, LOW PRESSURE VENT, HEIGHT: 5 FT ; DIAMETER: 10 IN A/N: 516047	D175	D22 D23 D24 D25 D26 D38 D39 D40 C109			

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 4: EXTERNAL COMBUSTION					P13.1
FLARE, U-19, PROCESS GAS, ELLY HIGH PRESSURE FLARE, 19 MMSCFD, WITH A WASTE GAS PILOT BURNER A/N: 516047	C109	D108 D175		CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, E71.1
Process 5: PETROLEUM STORAGE					P13.1
System 1: DIESEL STORAGE TANK - PLATFORM EUREKA					
STORAGE TANK, FIXED ROOF, A-1, DIESEL FUEL, STORAGE LEG (DIA. RANGE 2FT. 10 IN TO 5FT 10 IN), 1000 BBL; HEIGHT: 48 FT A/N: 516049	D118				E127.1, H23.4, H23.6
System 2: DIESEL STORAGE TANK - PLATFORM ELLY					
STORAGE TANK, FIXED ROOF, S-10, DIESEL FUEL, 1200 BBL; WIDTH: 24 FT ; HEIGHT: 12 FT ; LENGTH: 24 FT A/N: 516048	D121				E127.1, H23.4, H23.6
Process 6: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, COMPRESSORS A/N: 516018	D125				H23.2
FUGITIVE EMISSIONS, PUMPS A/N: 516016	D126				H23.2
FUGITIVE EMISSIONS, VALVES A/N: 516016	D127				H23.2
FUGITIVE EMISSIONS, PRV A/N: 516016	D128				H23.2
FUGITIVE EMISSIONS, FLANGES A/N: 516016	D129				H23.2
FUGITIVE EMISSIONS, DRAINS A/N: 516016	D130				H23.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 7: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E176			VOC: (9) [RULE 1113, 7-13-2007; RULE 1171, 2-1-2008]	K67.1
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, WET, AND ANY CONTROL EQUIPMENT	E177			PM: (9) [RULE 1140, 8-2-1985; RULE 405, 2-7-1986]	D323.1
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E178				H23.5
RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	E179				H23.2
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E180			VOC: (9) [RULE 1171, 2-1-2008]	
RULE 219 EXEMPT EQUIPMENT, PARTS DEGREASER, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E181			VOC: (9) [RULE 1171, 2-1-2008]	H23.3
RULE 219 EXEMPT EQUIPMENT, PORTABLE MARINE COATING EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E182			VOC: (9) [RULE 1106, 1-13-1995; RULE 1171, 2-1-2008]	
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E183				

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
BETA OFFSHORE**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE
 BETA OFFSHORE
 SECTION D: DEVICE ID INDEX**

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**FACILITY PERMIT TO OPERATE
 BETA OFFSHORE
 SECTION D: DEVICE ID INDEX**

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D49	10	1	7
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D51	12	1	8
D52	10	1	8
D53	11	1	8
D54	11	1	8
D55	11	1	8
D56	11	1	8
D57	11	1	8
D58	11	1	8
D59	12	1	8
D60	12	1	8
D61	12	1	8
D62	12	1	8
D63	12	1	8
D64	13	2	0
D65	13	2	0
C66	13	2	0
C67	13	2	0
D68	9	1	7
D69	13	2	0
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**FACILITY PERMIT TO OPERATE
 BETA OFFSHORE
 SECTION D: DEVICE ID INDEX**

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D100	21	3	11
D101	22	3	11
S102	22	3	11
D103	22	3	11
S104	22	3	11
D105	23	4	1
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C107	23	4	1
D108	23	4	2
C109	24	4	2
D118	24	5	1
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**FACILITY PERMIT TO OPERATE
 BETA OFFSHORE**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
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D159	2	1	2
D160	9	1	6
D172	7	1	6
D173	7	1	6
D175	23	4	2
E176	25	7	0
E177	25	7	0
E178	25	7	0
E179	25	7	0
E180	25	7	0
E181	25	7	0
E182	25	7	0
E183	25	7	0

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 14337 LBS IN ANY ONE DAY
PM	Less than or equal to 1292 LBS IN ANY ONE DAY
ROG	Less than or equal to 3251 LBS IN ANY ONE DAY
SOX	Less than or equal to 532 LBS IN ANY ONE DAY
NOX	Less than or equal to 2017 LBS IN ANY ONE DAY

For the purpose of this condition, the CO emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the PM emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the ROG emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels and the fugitive sources.

For the purpose of this condition, the SOx emission limit shall be the maximum daily potential to emit which also includes emissions from the platform support vessels.

For the purpose of this condition, the NOx emission limit shall be the maximum daily potential to emit from the flares, work and crew boats only.

[RULE 1183, 3-12-1993]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

[RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

The MSDS shall be made available to AQMD upon request

[RULE 431.2, 9-15-2000]

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- platform support vessels operating hours
- support vessels fuel type and usage
- date and time of operation of support vessels
- activity associated with vessels operation

[RULE 1183, 3-12-1993]

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 6-1-2007]

[Processes subject to this condition : 2, 4, 5]

SYSTEM CONDITIONS

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1173, 6-1-2007]

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 7 , 8]

DEVICE CONDITIONS

A. Emission Limits

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 84.95 LBS PER DAY
PM	Less than or equal to 27.9 LBS PER DAY
ROG	Less than or equal to 31.2 LBS PER DAY
SOX	Less than or equal to 5.91 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D76, D77]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 83.23 LBS PER DAY
PM	Less than or equal to 27.34 LBS PER DAY
ROG	Less than or equal to 30.6 LBS PER DAY
SOX	Less than or equal to 5.79 LBS PER DAY

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D78]

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 102.1 LBS PER DAY
PM	Less than or equal to 33.53 LBS PER DAY
ROG	Less than or equal to 37.53 LBS PER DAY
SOX	Less than or equal to 7.11 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D79]

A63.5 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 20.81 LBS PER DAY
PM	Less than or equal to 6.83 LBS PER DAY
ROG	Less than or equal to 7.65 LBS PER DAY
SOX	Less than or equal to 1.45 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D80]

A63.6 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 171.4 LBS PER DAY
PM	Less than or equal to 8.4 LBS PER DAY
ROG	Less than or equal to 33.7 LBS PER DAY
SOX	Less than or equal to 1.8 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

A63.8 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 409 LBS PER DAY
PM	Less than or equal to 22.3 LBS PER DAY
ROG	Less than or equal to 16.3 LBS PER DAY
SOX	Less than or equal to 17.9 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D95, D96, D97]

A63.9 The operator shall limit emissions from this equipment as follows:

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 794.6 LBS PER DAY
PM	Less than or equal to 38.8 LBS PER DAY
ROG	Less than or equal to 156.4 LBS PER DAY
SOX	Less than or equal to 8.2 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86]

A63.10 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 230.4 LBS PER DAY
PM	Less than or equal to 127.7 LBS PER DAY
ROG	Less than or equal to 96.6 LBS PER DAY
SOX	Less than or equal to 102.5 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D101, D103]

A63.11 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 110.6 LBS PER DAY

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

PM	Less than or equal to 61.7 LBS PER DAY
ROG	Less than or equal to 24.1 LBS PER DAY
SOX	Less than or equal to 49.5 LBS PER DAY

[RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 55 OCS, 9-4-1992]

[Devices subject to this condition : D98, D99, D100]

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 8-7-1978]

[Devices subject to this condition : D101, D103]

B. Material/Fuel Type Limits

B61.1 The operator shall not use process gas containing the following specified compounds:

Compound	ppm by volume
H2S content greater than	3

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D95, D96, D97, D98, D99, D100, D101, D103]

B61.2 The operator shall not use process gas containing the following specified compounds:

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Compound	ppm by volume
sulfur compounds calculated as hydrogen sulfide greater than	40

The 40 ppm limit shall be averaged over a 4-hour period.

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D95, D96, D97, D98, D99, D100, D101, D103]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

The purpose(s) of this condition is to ensure that this equipment qualifies as an emergency standby generator.

The purpose(s) of this condition is to ensure that D76, D77, D78, and D79 qualify as a NOx process unit.

**[RULE 1110.2, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;
RULE 2012, 5-6-2005]**

[Devices subject to this condition : D76, D77, D78, D79, D80]

C1.3 The operator shall limit the operating time to no more than 500 hour(s) in any one year.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The purpose(s) of this condition is to exempt the engine from the VOC limit of 30 ppmvd and the CO limit of 250 ppmvd, both corrected to 15% O₂, effective 7/1/2011, pursuant to Rule 1110.2(d)(1)(B)(ii).

The engine shall emit no more than 250 ppmvd of VOC and 2000 ppmvd of CO, both corrected to 15% O₂.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;**
RULE 2012, 5-6-2005]

[Devices subject to this condition : D76, D77, D78, D79, D80]

D12.2 The operator shall install and maintain a(n) infrared flame detector to accurately indicate the presence of a flame at the flare pilot.

The operator shall also install and maintain a device to continuously record the parameter being measured.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C107, C109]

D12.4 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the oxidation catalyst.

The temperature of the engine exhaust at the inlet of the catalyst shall be between 480 and 1380 degrees F, inclusive.

The temperature range requirement of this condition shall not apply during start-up operations of the engine not to exceed 30 minutes per start-up.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D93]

D12.6 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the oxidization catalyst.

The temperature of the engine exhaust at the inlet of the catalyst shall be between 465 and 1250 degrees F, inclusive.

The temperature range requirement of this condition shall not apply during start-up operations of the engine not to exceed 30 minutes per start-up.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D81]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The test shall be conducted to determine the VOC emissions at the outlet.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted in compliance with the source testing requirements of Rule 1110.2(f)(1)(C).

The test shall be conducted in accordance with an AQMD approved protocol.

The test shall be conducted to demonstrate compliance with Rule 1110.2.

[RULE 1110.2, 2-1-2008; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E177]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period, or the equipment did not burn fuel oil during the entire period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D95, D96, D97]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 407 emission limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D101, D103]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment on an annual basis whenever this equipment is fired on fuel oil for training/testing purposes; and after every 400 cumulative hours of operation on diesel fuel or after every two million gallons of diesel fuel combusted, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D98, D99, D100, D101, D103]

E. Equipment Operation/Construction Requirements

E17.1 The operator shall not use more than 1 of the following items simultaneously:

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Device ID: D56 [Scrubber]

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D56]

E71.1 The operator shall only use this equipment during process upset, emergency situation and/or safety concern of operating personnel and equipment.

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C107, C109]

E127.1 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

[RULE 463, 5-6-2005]

[Devices subject to this condition : D8, D17, D18, D19, D20, D32, D33, D37, D44, D118, D121]

E127.2 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D22, D23, D24, D25, D26, D27, D28, D29, D36, D38, D39, D40, D41, D42, D43, D172, D173]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.1 The operator shall construct, operate, and maintain this equipment according to the following requirements:

The operator shall install and maintain an engine backpressure gauge to accurately indicate the engine backpressure.

The engine backpressure shall not exceed 44 inches water column.

The catalyst shall be cleaned or replaced if the engine backpressure exceeds the recommended limit.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D93]

E193.2 The operator shall construct, operate, and maintain this equipment according to the following requirements:

The engine shall install and maintain an engine backpressure gauge to accurately indicate the engine backpressure.

The engine backpressure shall not exceed 27 inches water column.

The catalyst shall be cleaned or replaced if the engine backpressure exceeds the recommended limit.

[RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D81]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E313.1 This device is classified as a non-operated major NO_x source as defined under Rule 2012 and shall not be operated unless the Facility Permit holder provides written notification to the Executive Officer 30 days prior to starting operation. In order to maintain the non-operational classification, the Facility Permit holder shall:

(a) Remove a section of the fuel feed line(s) to the device and place a blind flange on both ends of the fuel feed line(s); and

(b) Remove a section of the process feed line(s) and place a blind flange on both ends of the process feed line(s).

Removal of parts or components solely to qualify the device for non-operated classification pursuant to this condition, or replacement of the same removed parts or components resulting in the device no longer being classified as non-operated shall not be deemed to affect the potential to emit within the meanings of Rule 2005, Regulation XIII and Regulation XXX.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D101, D103]

E315.1 Once this device is operated, it shall no longer be classified as non-operational. This device shall also meet the monitoring requirements of Rule 2012, subparagraph (c)(2)(A) or (c)(2)(B) no later than 30 calendar days after the start of operation except as provided in Rule 2012, paragraph (c)(10).

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D101, D103]

E448.1 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

To comply with Rule 1176, the VOC content of each liquid stream entering each device shall not exceed at all times 5 mg per liter.

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D34, D35, D43, D172, D173]

E448.2 The operator shall comply with the following requirements:

Maintain a quarterly engine operating log that includes:

- A. Total hours of operation;
- B. Type of liquid fuel;
- C. Fuel consumption (gallons of liquid); and
- D. Cumulative hours of operation since the last source test required in Rule 1110.2(f)(1)(C).

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D87, D88, D89, D90, D91, D92, D93]

E448.3 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Maintain a monthly engine operating log that includes:

- A. Total hours of operation;
- B. Type of liquid fuel;
- C. Fuel consumption (gallons of liquid); and
- D. Cumulative hours of operation since the last source test required in Rule 1110.2(f)(1)(C).

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D81]

E448.4 The operator shall comply with the following requirements:

The operator shall comply with the requirements of the Inspection and Monitoring (I&M) plan.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D81, D87, D88, D89, D90, D91, D92, D93]

E448.5 The operator shall comply with the following requirements:

The operator shall comply with the reporting requirements of Rule 1110.2(f)(1)(H) pertaining to any equipment breakdown that results in emissions in excess of rule or permit emission limits for VOC or CO.

[RULE 1110.2, 2-1-2008]

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D81, D87, D88, D89, D90, D91, D92, D93]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D22, D23, D24, D25, D26, D27, D28, D29, D31, D34, D35, D36, D38, D39, D40, D41, D42, D43, D130, D172, D173]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 6-1-2007]

[Devices subject to this condition : D125, D126, D127, D128, D129, E179]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1122, 10-1-2004]

[Devices subject to this condition : E181]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 5-2-2008]

[Devices subject to this condition : D8, D17, D18, D19, D20, D32, D33, D37, D44, D118, D121]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	40CFR82, SUBPART	F

[40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E178]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 463, 5-6-2005]

[Devices subject to this condition : D8, D17, D18, D19, D20, D32, D33, D37, D44, D118, D121]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
VOC	District Rule	1110.2

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D81, D87, D88, D89, D90, D91, D92, D93]

H421.2 The operator shall determine compliance with Rule 475 by complying with the tune-up requirements of Rule 2012, whenever the annual fuel oil usage exceeds 1 MM gallons in any one year or the hours of operations on fuel oil exceeds 336 hours in any one year. If annual fuel oil usage exceeds 2 MM gallons in any one year, the operator shall also conduct a source test to determine PM emissions using District method 5.1 measured over a 15 minute averaging time period at least once every five years and with this equipment fired on fuel oil and operating at normal load.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D101, D103]

K. Record Keeping/Reporting

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 15 percent oxygen, dry basis.

[RULE 1110.2, 2-1-2008; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

FACILITY PERMIT TO OPERATE BETA OFFSHORE

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E176]

N S R D A T A S U M M A R Y S H E E T

Application No: 531454
Application Type: RECLAIM/Title V Minor Permit Revision
Application Status: PENDAPPRV
Previous Apps, Dev, Permit #: NONE

Company Name: BETA OFFSHORE
Company ID: 166073
Address: OCS LEASE PARCELS P300/P301, HUNTINGTON BEA
RECLAIM: NOX
RECLAIM Zone: 01
Air Basin: SC
Zone: 18
Title V: YES

Device ID: 0 -
Estimated Completion Date:
Heat Input Capacity: 0 Million BTU/hr
Priority Reserve: NONE - No Priority Access Requested
Recommended Disposition: 32 - BANKING/ PLAN GRANTED
PR Expiration:
School Within 1000 Feet: NO
Operating Weeks Per Year: 52
Operating Days Per Week: 5
Monday Operating Hours: 08:00 to 16:00
Tuesday Operating Hours: 08:00 to 16:00
Wednesday Operating Hours: 08:00 to 16:00
Thursday Operating Hours: 08:00 to 16:00
Friday Operating Hours: 08:00 to 16:00
Saturday Operating Hours: 00:00 to 00:00
Sunday Operating Hours: 00:00 to 00:00

Emittant: NOX
BACT:
Cost Effectiveness: NO
Source Type: MAJOR
Emis Increase: 0
Modeling: N/A
Public Notice: N/A
CONTROLLED EMISSION
 Max Hourly: 0 lbs/hr
 Max Daily: 0 lbs/day
UNCONTROLLED EMISSION
 Max Hourly: 0 lbs/hr
 Max Daily: 0 lbs/day
CURRENT EMISSION
 BACT 30 days Avg: 0 lbs/day
 Annual Emission: 0 lbs/yr
District Exemption: None

SUPERVISOR'S APPROVAL: _____ SUPERVISOR'S REVIEW DATE: _____

Processed By: mvibal 4/21/2012 9:21:38 AM

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EVALUATION REPORT FOR PERMIT TO OPERATE
 Change of Condition and Minor Revision of RECLAIM /Title V Facility Permit
 Facility Permit Revision No. 6

APPLICANT'S NAME: Beta Offshore (Fac. ID 166073)

MAILING ADDRESS: 111 West Ocean Blvd. Ste. 1240
Long Beach, CA 90802-4645

EQUIPMENT LOCATION: OCS Lease Parcels P300/P301
Federal Waters

CONTACT: Marina Robertson
HSE & Regulatory Manager
Tel: (562) 683-3497

EQUIPMENT DESCRIPTION

A/N 531454 Minor Revision of the RECLAIM/Title V Facility Permit

A/N 531455 Change of Condition to Increase RECLAIM NOx concentration limit for Device D99 (dual-fired gas turbine) from 110 ppmv to 130 ppmv (both at 15% O₂, dry) when fired on process gas.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

Equipment	ID No.	Connected to	Source Type	Emissions	Equipment Specific Condition
PROCESS 3:- INTERNAL COMBUSTION					
System 11:- ELECTRICITY GENERATION – PLATFORM ELLY					
Gas Turbine, NJ-01-B, diesel fuel, Process Gas, Solar, Model Centaur GC1-CB-1D, 42 MMBtu/hr with A/N 516042 531455 Generator, 2.5 MW Heat Exchanger, Waste Heat Recovery, 18 MMBTU/hr	D99		NOX: Large Source	CO: 2000 ppmv (5)[Rule 407,4-2-1982]; NOx: 140 130 ppmv process gas (3) [Rule 2012, 5-6-2005]; NOx: 180 ppmv diesel (3) [Rule 2012, 5-2005]; PM: 0.1 Grains/scf (5) [RULE 409,8-7-1981]; SOx: 500 ppmv diesel (5)[Rule 407, 4-2-1982]	A63.11, B61.1 B61.2, D371.1

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- (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit

- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

BACKGROUND/PROCESS DESCRIPTION

Beta Offshore is a crude oil and gas production facility located in Federal Waters. They hold a 100% working interest on parcels OCS P 0300 and P0301 which are covered under facility ID 166073. This BETA field lies 13 miles south of Long Beach, California. Beta Offshore operates three platforms as part of the Beta production unit at this site : 80-slot platform Ellen and processing platform Elly which were installed in 1980, and 60-slot platform Eureka installed in 1984. Platforms Ellen and Elly are located on the Outer Continental Shelf (OCS) and connected by a bridge. They are on parcel P 0300. Platform Eureka is also in the OCS on parcel P0301.

Beta Offshore’s oil is produced from wells located on Platforms Ellen and Eureka. The oil is processed in facilities located on platform Elly. Reservoir fluids produced on Ellen are transported to Elly via a 12” line which is supported by the bridge between the two platforms. Reservoir fluids produced on Eureka are transported to Elly in a 6” subsea pipeline connecting the two platforms.

The electric power for Beta Offshore’s three platforms is generated with turbine-driven generators located on platform Elly (turbines : three Solar Centaur – D98, D99 and D100, and three Solar Saturn - D95, D96 and D97. D97 is out of service. Dxx represents the facility device number in the Reclaim/Title V permit). Power from these generators is distributed from Elly to Platform Eureka by subsea cables and to Platform Ellen by standard high voltage cables. Three water injection turbines on Platform Elly are gas-fired. Two drilling workover rigs on Ellen and Eureka are diesel electric and the seven cranes are diesel-fired.

In order to conserve energy, waste heat from the turbine exhaust at Elly is recovered and utilized in a series of heat exchangers and vessels located on Elly to assist in separating the produced oil and water streams. The combined Beta Offshore/DCOR oil stream is metered and shipped via pipeline to an onshore pumping station in Long Beach, California where it is distributed to various Los Angeles area refineries. After being separated from the oil, produced water is further treated, pressurized and transported via pipeline across the bridge to Ellen where it is re-injected into the reservoir to implement a water flood and improve recovery efficiency. The sales line to shore is operated by Beta Offshore for the San Pedro Bay Pipeline Company.¹

Beta Offshore is a major source and operates under both the RECLAIM (for NOx) and Title V permitting programs. All the turbines mentioned previously are classified as “NOx large sources” and require triennial source tests per Rule 2012(j)(2). Beta Offshore submitted a petition for an ex parte emergency variance on Dec. 30, 2011 for a failed source test. The copy of the petition, case no. 5855-1 is included in the file. Preliminary test results provided by the testing company, Almega Environmental, showed that the Solar Centaur turbine D99 failed the test for NOx using process gas as fuel. The NOx RECLAIM concentration limit is set at 110 ppmv and the test showed 115 ppmv

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(measured dry at 15% O₂). Beta Offshore provided a summary of this testing that Almega Environmental conducted on Dec. 29, 2011 for D99 (copy in the file). The final result showed a reading of 116.36 ppmvd at 15% O₂ with process gas as fuel. Beta Offshore also called in a breakdown notification (293018) on Dec. 29, 2011 within the one hour required by Rule 2004(i)(1)(A).

AQMD Source Test staff confirmed that they accept test results with an allowance for accuracy of +/- 10%, but may require a re-test. The results, however, are not considered as "failed" tests. According to Supervising Inspector Rafael Reynosa (per T/C on Jan. 31, 2012), compliance staff will not pursue enforcement action on the matter since the NO_x reading conformed to the allowable threshold for accuracy. In order to prevent any future violations of the RECLAIM NO_x concentration limit on D99 for process gas, Beta Offshore decided to file the referenced permit applications. The company requests to increase the RECLAIM NO_x concentration limit on D99 from 110 ppmv to 130 ppmv, measured dry at 15% O₂ using process gas as fuel.

Pacific Energy Resources, Ltd. (PERL), Fac. ID 151178, previously owned OCS Lease Parcels P300/P301 and operated the Beta Unit Complex. PERL applied to lower the NO_x RECLAIM concentration limit for turbine D99 when operating on process gas from 140 ppmv to 110 ppmv (current limit), both measured dry at 15% O₂. The facility permit to lower the said NO_x concentration limit (498831) was approved on July 1, 2009. The application was processed by Permit Engr. Vicky Lee. The permit evaluation is in the file. According to Reclaim Sr. Engr. Don Nguyen and Reclaim Engineer Susan Tsai (meeting on Feb. 1, 2012), the requested change to increase the current NO_x concentration limit for turbine D99 operating on process gas to 130 ppmvd measured dry at 15% O₂, will not trigger a RECLAIM NSR emission increase. The initial RECLAIM Title V permit, 466784, had a NO_x RECLAIM concentration limit of 140 ppmvd at 15% O₂ for turbine D99 using process gas as fuel. As long as the requested limit does not exceed the original, there will be no RECLAIM NSR emission changes for NO_x.

Rule 2012(f)(3) provides that a facility permit holder may apply to amend the concentration limit for a large source, provided the large source complies with that limit over any continuous 60 minutes. Source tests performed in Aug. 11, 2005, Nov. 25, 2008 and Jan. 12, 2012 show that Solar Centaur turbine D99 has NO_x concentrations below the requested limit of 130 ppmvd 15% O₂ while running on process gas. Below is a summary of the emission readings obtained from these source tests.

Date of Source Test	NO _x emission, ppmvd at 15% O ₂ using process gas as fuel
08/11/2005	103.3
11/25/2008	96.1
01/12/2012	116

The referenced permit applications were filed on Jan. 24, 2012. Beta Offshore is requesting expedited processing on the applications. The company paid the following processing fees.

Eqpt. Description	B-Cat No.	Processing Fees	Expedited Fees	Fees Paid
Facility Permit Amendment, RECLAIM/Title V	555009	\$1,747.19	-	\$1,747.19
Turbine Engine, < 50 MW, NG/PG, Diesel	053208	\$3,114.35	\$1,557.18	\$4,671.53

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COMPLIANCE REVIEW

The most recent compliance inspection conducted for Beta Offshore was on Nov. 23, 2011. There are three violation notices on record issued to Beta Offshore within the last two years, as shown in the attached NOV/NC Report Summary. Said violation notices have been resolved and complied with.

EMISSION CALCULATIONS

The change requested by the applicant does not result in any emission increase or decrease. Since the original facility permit limited the NOx RECLAIM emission concentration limit to 140 ppmvd and, the requested limit is 130 ppmvd, this has no immediate impact on the RECLAIM NSR emissions. Although the current limit is 110 ppmvd, the requested emission concentration limit is still below the original limit. All concentration limits are measured at 15% O₂ using process gas as fuel. The emissions that will be entered in the NSR database for this permit application will be the same as in the previous application, 516042 and are shown below in Table 1. The equipment will be used 24 hrs/day, 7 days/wk, 52 wks/yr.

Table 1. Controlled emissions from the Centaur Turbine D99

Pollutant	lbs/hr	lbs/day ^(a)	lbs/yr ^(b)
CO	4.63	111.12	4056
NOx	19.7	472.8	17,2572
PM ₁₀	2.58	61.92	22,601
ROG	1	24	8,760
SOx	2.08	50	18,250

^(a) daily emissions = hourly emissions x 24

^(b) annual emissions = daily emissions x 365

The uncontrolled emissions that will be entered in the NSR database are the same as the controlled emissions.

The proposed change of condition does not result in a net increase of emissions.

RULES EVALUATION

RULE 212-STANDARDS FOR APPROVING PERMITS AND ISSUING PUBLIC NOTICES

Rule 212 requires that a person shall not build, erect, install, alter, or replace any equipment, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants without first obtaining written authorization for such construction from the Executive Officer. Rule 212(c) states that a project requires written notification if there is an emission increase for ANY criteria pollutant in excess of the daily maximums specified in Rule 212(g), if the equipment is located within 1,000 feet of the outer boundary of a school, or if the MICR is equal to or greater than one in a million (1x10⁻⁶) during a lifetime (70 years) for facilities with more than one

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permitted unit, source under Regulation XX, or equipment under Regulation XXX, unless the applicant demonstrates to the satisfaction of the Executive Officer that the total facility-wide maximum individual cancer risk is below ten in a million (10×10^{-6}) using the risk assessment procedures and toxic air contaminants specified under Rule 1402; or, ten in a million (10×10^{-6}) during a lifetime (70 years) for facilities with a single permitted unit, source under Regulation XX, or equipment under Regulation XXX.

The requested change in condition to revise the NOx concentration limits in the Facility Permit to Operate does not result in an increase of any emissions. The application does not require any public notice per subsections (c)(1), (c)(2) and (c)(3).

REGULATION XIII – NEW SOURCE REVIEW

RULE 1303(a) – BACT (Best Available Control Technology)

The Executive Officer shall deny the Permit to Construct for any new source which results in an emission increase of any non-attainment air contaminant, any ozone depleting compound, or ammonia unless the applicant can demonstrate that BACT is employed for the new source. The requested change of condition is not expected to result in an increase in emissions; therefore, BACT requirements are not triggered.

RULE 1303(b)(1) – MODELING

The only criteria pollutant of concern is ROG; since modeling is not required for ROG, Rule 1303(b)(1) is not applicable.

RULE 1303(b)(2) – OFFSETS

1303(b)(2) – Emission Offsets. The proposed change of condition does not result in an increase of any emissions. The offset requirements of Rule 1303 are not triggered.

REGULATION XX – REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Beta Offshore is under the Regional Clean Air Incentives Market (RECLAIM) program. The requirements of this regulation apply to the facility.

RULE 2012- REQUIREMENTS FOR MONITORING, REPORTING, AND RECORDKEEPING FOR OXIDES OF NITROGEN (NOx) EMISSIONS

Subsection (f)(3) states:

“A Facility Permit holder may apply to the Executive Officer or designee to amend the concentration limit or equipment-specific emission rate for a large source, or to amend the emission factor to a concentration limit, equipment-specific emission rate, or category-specific emission rate for a process unit, in the Facility Permit, at any time. If the applicant demonstrates to the Executive Officer or designee that the equipment-specific or category-specific emission rate is reliable, accurate and representative for the purpose of calculating NOx emissions, the Executive Officer or designee will amend the Facility Permit to incorporate the equipment-specific or category-specific emission rate. No demonstration will be required to amend the Facility Permit to incorporate the alternative concentration limit, provided the large source or process unit complies with

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING & COMPLIANCE</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 6	PAGE NO. 6
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that limit in ppm over any continuous 60 minutes. The alternative concentration limit or equipment-specific emission rate for a large source, and the concentration limit, equipment-specific emission rate, or category-specific emission rate for a process unit, shall take effect prospectively from the date the Facility Permit is amended.”

Subsection (j)(2) requires every large NOx source to be source-tested every three years. Turbine D99 was source-tested in 2005, 2008 and 2012. The NOx testing used the SCAQMD test method 100.1 with a duration of 60 minutes. The source test results provided by the applicant support the proposed NOx concentration limit of 130 ppmvd measured at 15% O₂ using process gas as fuel.

REGULATION XXX – TITLE V PERMITS

Beta Offshore is also operating under the federal Title V program. The requirements of this regulation apply to the facility. Beta Offshore was issued its Initial Title V permit on March 12, 2010 and is valid through March 11, 2015. The proposed change of condition required Beta Offshore to file for a Title V permit revision per Rule 3002(a). Per Rule 3000 (b)(15), the change of condition is classified as a minor revision to the Title V facility permit because there are no increase in emissions of any contaminants. Public participation is not required as provided under the exemptions of Rule 3006(b). Rule 3003(i)(4)(C) - Notification requirement to the affected states is not necessary as the facility is not located within 50 miles of the nearby states. The modified facility complies with all applicable rules and regulations of the South Coast AQMD. The EPA administrator will be provided with the copy of the permit for a 45-day review as required under Rule 3003(j). The revised Title V permit will be issued to Beta Offshore after completion of the required EPA review and any necessary follow-up.

RECOMMENDATIONS

The application is expected to comply with all applicable District Rules and Regulations. It is recommended that the Permit to Operate be issued to the facility with the permit conditions set forth above.

ⁱ From Beta Offshore website, www.betaoffshore.com



Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944
Tel: (909) 396-3385
www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit): Beta Offshore - Beta OCS Platforms Facility
2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 166073

3. Facility Is Located In Title V Area:

1 All other zip codes not listed below

2 92201 92202 92203 92210 92211 92234 92235 92236 92239* 92240 92241 92247 92248
92253 92254 92255 92258 92260 92261 92262 92263 92264 92270 92274 92275 92276
92282 92292 92561

3 92239*

* If your zip code is 92239, please call (909) 396-3385 to verify your Title V area.

Section II - Title V Application

1. This is an application for a(n) (Check all applicable boxes and provide the requested information as appropriate):

a. Initial Title V Permit

b. Permit Renewal: (Provide current permit expiration date) _____

c. Administrative Change (check all that apply)

Change of Operator. (Complete and attach equipment-specific Form 400-E-XX series forms)

Change of Facility Information

Other, Please specify: _____

d. Title V Permit Revision

e. Title V Exemption Plan

f. MACT Part 1

g. Permit Shield

Complete and attach equipment specific Form 400-E-XX series form(s) to this form if your application involves permit action for new construction, change of location, non-administrative permit revision, alternative operating scenario (AOS), permit shield, streamlined permit conditions, or temporary source permit.

2. Is this facility required to prepare a Risk Management Plan (RMP) for another agency? Yes No

Section III - Title V Submittal Checklist

1. Enter the quantity of each type form submitted in the space provided:

<u> 2 </u> 400-A (REQUIRED)	<u> 1 </u> 500-C1 (REQUIRED)	_____ 500-F1	_____ 500-H (REQUIRED)
<u> 1 </u> 400-CEQA (REQUIRED)	<u> 1 </u> 500-C2	_____ 500-F2	_____ 500-MACT PART 1
<u> 1 </u> 500-A2 (REQUIRED)	_____ 500-D	_____ 500-F3	_____ OTHER (SPECIFY): _____
_____ 500-B (REQUIRED)	_____ 500-E	_____ 500-F4	

2. Additional information referenced in this application submitted:
Petition for Variance Case # 5855-1; Breakdown / Title V Deviation Report # 293018.



Mail To: SCAQMD P.O. Box 4944 Diamond Bar, CA 91765-0944 Tel: (909) 396-3385 www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit): Beta Offshore - Beta OCS Platforms Facility 2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 166073

3. This Certification is submitted with a (Check one): a. [X] Title V Application (Initial, Revision or Renewal) b. [] Supplement/Correction to a Title V Application c. [] MACT Part 1

4. Is Form 500-C2 included with this Certification? [X] Yes [] No

Section II - Responsible Official Certification Statement

Read each statement carefully and check each that applies - You must check 3a or 3b.

1. For Initial, Permit Renewal, and Administrative Application Certifications:

- a. [X] The facility, including equipment that are exempt from written permit per Rule 219, is currently operating and will continue to operate in compliance with all applicable requirement(s) identified in Section II and Section III of Form 500-C1, i. [] except for those requirements that do not specifically pertain to such devices or equipment and that have been identified as "Remove" on Section III of Form 500-C1. ii. [X] except for those devices or equipment that have been identified on the completed and attached Form 500-C2 that will not be operating in compliance with the specified applicable requirement(s). b. [] The facility, including equipment that are exempt from written permit per Rule 219, will meet in a timely manner, all applicable requirements with future effective dates.

2. For Permit Revision Application Certifications:

- a. [X] The equipment or devices to which this permit revision applies, will in a timely manner comply with all applicable requirements identified in Section II and Section III of Form 500-C1.

3. For MACT Hammer Certifications:

- a. [] The facility is subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63), also known as the MACT "hammer." The following information is submitted with a Title V application to comply with the Part 1 requirements of Section 112(j). b. [X] The facility is not subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63).

Section III - Authorization/Signature

I certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX and that based on information and belief formed after reasonable inquiry, the statement and information in this document and in all attached application forms and other materials are true, accurate, and complete.

1. Signature of Responsible Official: [Signature] 2. Title of Responsible Official: Executive VP and COO 3. Print Name: Steve Liles 4. Date: 1-17-2012 5. Phone #: (562) 628-1526 6. Fax #: (562) 628-1536

7. Address of Responsible Official: 111 West Ocean Boulevard, Suite 1240 Long Beach CA 90802-4645 Street # City State Zip

Acid Rain Facilities Only: Please Complete Section IV

Acid Rain facilities must certify their compliance status of the devices subject to applicable requirements under Title IV by an individual who meets the definition of Designated (or Alternate) Representative in 40 CFR Part 72.

Section IV - Designated Representative Certification Statement	
<p>For Acid Rain Facilities Only: I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.</p>	
1. Signature of Designated Representative or Alternate:	2. Title of Designated Representative or Alternate:
3. Print Name of Designated Representative or Alternate:	4. Date:
5. Phone #:	6. Fax #:
7. Address of Designated Representative or Alternate:	
Street #	City
State	Zip

CA

Title V Compliance Status Report

To provide the compliance status of your facility with applicable federally enforceable requirements and identify other local-only requirements, complete this form and attach it to a completed compliance certification Form 500-A2. As appropriate, all submittals of Form 500-C2 as appropriate should also be attached to this form.

Mail To: SCAQMD P.O. Box 4944 Diamond Bar, CA 91765-0944 Tel: (909) 396-3395 www.sqmd.gov

Section 1 Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit):

Beta Offshore - Beta OCS Platforms Facility

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD):

166073

PROCEDURES FOR DETERMINING COMPLIANCE STATUS

- 1. Equipment verification: Review the list of pending applications, and either the preliminary Title V facility permit or the list of current permits to operate that the AQMD provided you, to determine if they completely and accurately describe all equipment operating at the facility. Attach a statement to describe any discrepancies.
2. Identify applicable requirements*: Use the checklist in Section II to identify all applicable and federally-enforceable local, state, and federal rules and regulations, test methods, and monitoring, recordkeeping and reporting (MRR) requirements that apply to any equipment or process (including equipment exempt from a permit by Rule 219) at your facility.
3. Identify additional applicable requirements*: Use Section III to identify any additional requirements not found in Section II. Section II is not a complete list of all applicable requirements. It does not include recently adopted NESHAP regulations by EPA or recent amendments to AQMD rules. Do not add rules listed in Section V here.
4. Identify any requirements that do not apply to a specific piece of equipment or process: Also use Section III to identify any requirements that are listed in Section II but that do not apply to a specific piece of equipment or process. Fill out Section III of this form and attach a separate sheet to explain the reason(s) why the identified rules do not apply. Note: Listing any requirement that does not apply to a specific piece of equipment will not provide the facility with a permit shield unless one is specifically requested by completing Form 500-D and is approved by AQMD.
5. Identify SIP-approved rules that are not current AQMD rules: Use Section IV to identify older versions of current AQMD rules that are the EPA-approved versions in the State Implementation Plan (SIP), and that are still applicable requirements as defined by EPA. The facility is not required to certify compliance with the items checked in Section IV provided that the non-SIP approved rule in Section II is at least as stringent as the older SIP-approved version in Section IV.
6. Identify Local-Only Enforceable Regulatory Requirements: Use Section V to identify AQMD rules that are not SIP-approved and are not federally enforceable.
7. Determine compliance: Determine if all equipment and processes are complying with all requirements identified in Sections II and III. If each piece of equipment complies with all applicable requirements, complete and attach Form 500-A2 to certify the compliance status of the facility. If any piece of equipment is not in compliance with any of the applicable requirements, complete and attach Form 500-C2 in addition to Form 500-A2.

* The following AQMD rules and regulations are not required to be included in Section II and do not have to be added to Section III: Regulation I, List and Criteria in Regulation II, Rule 201, Rule 201.1, Rule 202, Rule 203, Rule 205, Rule 206, Rule 207, Rule 208, Rule 209, Rule 210, Rule 212, Rule 214, Rule 215, Rule 216, Rule 217, Rule 219, Rule 220, Rule 221, Regulation III, Regulation V, Regulation VIII, Regulation XII, Regulation XV, Regulation XVI, Regulation XXI, Regulation XXII, and Regulation XXX.

** Emission units adversely affected by the gap between current and SIP-approved versions of rules may initially be placed in a non-Title V portion of the permit

NOTE:

For 40 CFR Part 55, only those rules listed in 40 CFR Part 55 Appendix A are applicable to this OCS facility. The rule listings in Section II have been annotated to reflect the rules listed in the most recent (12-16-2011) version of 40 CFR Part 55 Appendix A.

Section II - Applicable Requirements, Test Methods, & MRR Requirements	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> All Air Pollution Control Equipment Using Combustion (RECLAIM & non-RECLAIM sources)	<input type="checkbox"/> Rule 480 (10/07/77)	N/A	N/A
<input type="checkbox"/> All Coating Operations (12/15/00)	<input type="checkbox"/> Rule 442	<input type="checkbox"/> Rule 442(f)	<input type="checkbox"/> Rule 442(g)
<input type="checkbox"/> All Combustion Equipment, ≥ 555 Mmbtu/Hr (except for NOx RECLAIM sources)	<input type="checkbox"/> Rule 474 (12/04/81)		
<input checked="" type="checkbox"/> All Combustion Equipment Except Internal Combustion Engines (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 407 (04/02/82) <input checked="" type="checkbox"/> Rule 409 (08/07/81)	<input checked="" type="checkbox"/> AQMD TM 100.1 or 10.1, 307-91 <input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input checked="" type="checkbox"/> All Combustion Equipment Using Gaseous Fuel (except SOx RECLAIM sources)	<input checked="" type="checkbox"/> Rule 431.1 (06/12/98)	<input checked="" type="checkbox"/> Rule 431.1(f)	<input checked="" type="checkbox"/> Rule 431.1(d) & (e)
<input checked="" type="checkbox"/> All Combustion Equipment Using Liquid Fuel (except SOx RECLAIM sources)	<input checked="" type="checkbox"/> Rule 431.2 (09/15/00)	<input checked="" type="checkbox"/> Rule 431.2(g)	<input checked="" type="checkbox"/> Rule 431.2(f)
<input type="checkbox"/> All Combustion Equipment Using Fossil Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.3 (05/07/76)		
<input checked="" type="checkbox"/> All Equipment	<input checked="" type="checkbox"/> Rule 401 (11/09/01) <input type="checkbox"/> Rule 405 (02/07/86) <input checked="" type="checkbox"/> Rule 408 (05/07/76) <input checked="" type="checkbox"/> Rule 430 (07/12/96) <input checked="" type="checkbox"/> Rule 701 (06/13/97) <input checked="" type="checkbox"/> New Source Review, BACT <input checked="" type="checkbox"/> Rule 1703 (10/07/88) <input type="checkbox"/> 40 CFR68 - Accidental Release Prevention	<input checked="" type="checkbox"/> California Air Resources Board Visible Emission Evaluation <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 N/A	<input checked="" type="checkbox"/> Rule 430(b) See Applicable Subpart <input checked="" type="checkbox"/> Rule 403(f)
<input checked="" type="checkbox"/> All Equipment Processing Solid Materials	<input checked="" type="checkbox"/> Rule 403 (06/03/05)	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> All Equipment With Exhaust Stack (except cement kilns subject to Rule 112.1)	<input checked="" type="checkbox"/> Rule 404 (02/07/86)	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	<input checked="" type="checkbox"/> Rule 403(f)
<input checked="" type="checkbox"/> All Facilities Using Solvents to Clean Various Items of Equipment	<input checked="" type="checkbox"/> Rule 109 (06/02/03) 08/19/00 <input checked="" type="checkbox"/> Rule 1171 (05/04/09) 02/01/08 <input type="checkbox"/> 40 CFR63 SUBPART T	<input checked="" type="checkbox"/> Rule 109(g) <input checked="" type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input checked="" type="checkbox"/> Rule 109(c) <input checked="" type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input checked="" type="checkbox"/> All RECLAIM Equipment (NOx & SOx)	<input checked="" type="checkbox"/> Reg. XX - RECLAIM	<input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> Rule 2012, App. A (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> Rule 2012, App. A (05/06/05)
<input checked="" type="checkbox"/> Abrasive Blasting	<input checked="" type="checkbox"/> Rule 1140 (08/02/85)	<input checked="" type="checkbox"/> Rule 1140(d) & (e), AQMD Visible Emission Method	

KEY ABBREVIATIONS: Reg. = AQMD Regulation Rule = AQMD Rule App. = Appendix AQMD TM = AQMD Test Method CFR = Code of Federal Regulations CCR = California Code of Regulations

Section II - Applicable Requirements, Test Methods, & MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Aggregate and Related Operations	<input type="checkbox"/> Rule 1157 (09/08/06)	<input type="checkbox"/> Rule 1157(f)	<input type="checkbox"/> Rule 1157(e)
<input checked="" type="checkbox"/> Appliances Containing Ozone Depleting Substances (except Motor Vehicle Air Conditioners): Manufacturing, Repair, Maintenance, Service, & Disposal	<input checked="" type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Asphalt	See Manufacturing, Asphalt Processing & Asphalt Roofing		
<input type="checkbox"/> Asphalt Concrete/Batch Plants	<input type="checkbox"/> 40 CFR60 SUBPART I	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Benzene Emissions, Maleic Anhydride Plants, Ethylbenzene/Styrene Plants, Benzene Storage Vessels, Benzene Equipment Leaks, & Coke By-Product Recovery Plants	<input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART Y <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) <input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) <input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Transfer Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR61 SUBPART BB <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Waste Operations	<input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART FF <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions	<input type="checkbox"/> 40 CFR61 SUBPART C	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions, Rocket Motor Firing	<input type="checkbox"/> 40 CFR61 SUBPART D	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, < 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (09/05/08) <input type="checkbox"/> Rule 1146.2 (05/05/06) <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146.1(d) N/A See Applicable Subpart	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3) N/A See Applicable Subpart
<input type="checkbox"/> Boiler, < 5 Mmbtu/Hr (RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (09/05/08) - excluding NOx requirements <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146.1(d) See Applicable Subpart	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3) See Applicable Subpart

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Section JJ - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100.1	<input type="checkbox"/> Rule 218(e) & (f)
	<input type="checkbox"/> Rule 429 (12/21/90)	N/A	<input type="checkbox"/> Rule 429(d)
	<input type="checkbox"/> Rule 475 (08/07/78)	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
	<input type="checkbox"/> Rule 476 (10/08/76)	<input type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3	
	<input type="checkbox"/> Rule 1146 (09/05/08)	<input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7)
	<input type="checkbox"/> 40 CFR60 SUBPART D	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Da	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Dc	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (RECLAIM sources)	<input type="checkbox"/> Rule 475 (08/07/78)	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3
<input type="checkbox"/> Rule 476 (10/08/76) - excluding NOx requirements		<input type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3	
<input type="checkbox"/> Rule 1146 (09/05/08) - excluding NOx requirements		<input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7)
<input type="checkbox"/> Rule 2011 (05/06/05)		<input type="checkbox"/> Rule 2011, App. A (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05)
<input type="checkbox"/> or Rule 2012 (05/06/05)		or <input type="checkbox"/> Rule 2012, App. A (05/06/05)	<input type="checkbox"/> Rule 2012, App. A (05/06/05)
<input type="checkbox"/> 40 CFR60 SUBPART D		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR60 SUBPART Da		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR60 SUBPART Dc		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART DDDDD		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, Petroleum Refining (non-RECLAIM sources)		<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100.1
	<input type="checkbox"/> Rule 429 (12/21/90)	N/A	<input type="checkbox"/> Rule 429(d)
	<input type="checkbox"/> Rule 431.1 (06/12/98)	<input type="checkbox"/> Rule 431.1(f)	<input type="checkbox"/> Rule 431.1(d) & (e)
	<input type="checkbox"/> Rule 475 (08/07/78)	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
	<input type="checkbox"/> Rule 1146 (09/05/08)	<input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7)
	<input type="checkbox"/> 40 CFR60 SUBPART J	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods & MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Boiler, Petroleum Refining (RECLAIM sources)	<input type="checkbox"/> Rule 1146 (09/05/08) - excluding NOx requirements <input type="checkbox"/> Rule 2011 (05/06/05) or <input type="checkbox"/> Rule 2012 (05/06/05) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146(d) <input type="checkbox"/> Rule 2011, App. A (05/06/05) or <input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7) <input type="checkbox"/> Rule 2011, App. A (05/06/05) or <input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Boilers, Electric Utility (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 1135 (07/19/91) <input type="checkbox"/> 40 CFR60 SUBPART Db <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> AQMD TM 100.1 N/A <input type="checkbox"/> Rule 1135(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 1135(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Boilers, Electric Utility (RECLAIM sources)	<input type="checkbox"/> Rule 2012 (05/06/05) <input type="checkbox"/> 40 CFR60 SUBPART Db <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Bulk Loading Of Organic Liquids	<input type="checkbox"/> Rule 462 (05/14/99) <input type="checkbox"/> 40 CFR60 SUBPART XX <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART BBBB <input type="checkbox"/> 40 CFR63 SUBPART EEEE	<input type="checkbox"/> Rule 462(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 462(g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Cadmium Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)	See Applicable Subpart	<input type="checkbox"/> Rule 1426(e) See Applicable Subpart
<input type="checkbox"/> Calciner, Mineral Industries	<input type="checkbox"/> 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Calciner, Petroleum Coke	<input type="checkbox"/> Rule 477 (04/03/81)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 6.1 or 100.1 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Charbroilers	<input type="checkbox"/> Rule 1119 (03/02/79) <input type="checkbox"/> 40 CFR63 SUBPART L <input type="checkbox"/> Rule 1174 (10/05/90) <input type="checkbox"/> Rule 1138 (11/14/97)	<input type="checkbox"/> AQMD Test Protocol <input type="checkbox"/> Rule 1138(g)	<input type="checkbox"/> Rule 1138(d) <input type="checkbox"/> Rule 1426(e) <input type="checkbox"/> Rule 1469(g), (j) & (k)
<input type="checkbox"/> Chrome Plating & Chromic Acid Anodizing Operation	<input type="checkbox"/> Rule 1426 (05/02/03) <input type="checkbox"/> Rule 1469 (12/05/08)	<input type="checkbox"/> Rule 1469(e)	

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Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Coating Operation, Adhesive Application Operation	<input checked="" type="checkbox"/> Rule 109 (05/02/03) 05/10/00	<input checked="" type="checkbox"/> Rule 109(g)	<input checked="" type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input checked="" type="checkbox"/> Rule 1168(d)
	<input checked="" type="checkbox"/> Rule 1168 (01/07/05)	<input checked="" type="checkbox"/> Rule 1168(f) & (e)	<input checked="" type="checkbox"/> Rule 1171(c)(6)
	<input checked="" type="checkbox"/> Rule 1171 (05/01/09) 02/01/08	<input checked="" type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART RR	See Applicable Subpart	<input type="checkbox"/> Rule 109(c)
<input type="checkbox"/> Coating Operation, Aerospace Assembly & Component Manufacturing	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1124(j) & (d)
	<input type="checkbox"/> Rule 1124 (09/21/01)	<input type="checkbox"/> Rule 1124(e) & (f)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART GG	See Applicable Subpart	
<input type="checkbox"/> Coating Operation, Graphic Arts (Gravure, Letter Press, Flexographic & Lithographic Printing Process, Etc.)	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1130(e)
	<input type="checkbox"/> Rule 1130 (10/08/99)	<input type="checkbox"/> Rule 1130(h)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART QQ	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART RR	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART FFF	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART VVV	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART KK	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART JJJJ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Coating Operation, Magnet Wire Coating	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	<input type="checkbox"/> Rule 1126(c)(4)
	<input type="checkbox"/> Rule 1126 (01/13/95)	<input type="checkbox"/> Rule 1126(d)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	

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Section III - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Motor Vehicle Assembly Line	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	
	<input type="checkbox"/> Rule 1115 (05/12/95)	<input type="checkbox"/> Rule 1115(e)	<input type="checkbox"/> Rule 1115(g)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> 40 CFR60 SUBPART MM	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART IIII	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	
	<input type="checkbox"/> Rule 1128 (03/08/96)	<input type="checkbox"/> Rule 1128(f)	<input type="checkbox"/> Rule 1128(e)
<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)	
<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)	
<input type="checkbox"/> 40 CFR60 SUBPART VV	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART OOOO	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Coating Operation, Plastic, Rubber, & Glass	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	
	<input type="checkbox"/> Rule 1145 (12/04/09)	<input type="checkbox"/> Rule 1145(e)	<input type="checkbox"/> Rule 1145(d)
	<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> 40 CFR60 SUBPART TTT	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART NNNN	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART PPPP	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 481 (01/11/02)	<input type="checkbox"/> Rule 481(d)	
<input type="checkbox"/> Rule 1106.1 (02/12/99)	<input type="checkbox"/> Rule 1106.1(e)	<input type="checkbox"/> Rule 1106.1(d)	
<input type="checkbox"/> Rule 1132 (05/05/06)	<input type="checkbox"/> Rule 1132(f)	<input type="checkbox"/> Rule 1132(g)	
<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)	
<input type="checkbox"/> 40 CFR63 SUBPART II	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Coating Operation, Pleasure Craft			

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Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Screen Printing	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1130.1 (12/13/96) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART KK	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1130.1(g) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) <input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1130.1(c)(5) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) <input type="checkbox"/> See Applicable Subpart
<input checked="" type="checkbox"/> Coating Operation, Use Of Architectural Coating (Stationary Structures)	<input checked="" type="checkbox"/> Rule 109 (05/02/03) 08/10/00 <input type="checkbox"/> Rule 481 (01/11/02) <input checked="" type="checkbox"/> Rule 1113 (07/13/07) <input type="checkbox"/> Rule 1132 (05/05/06) <input checked="" type="checkbox"/> Rule 1171 (05/01/09) 02/01/08	<input checked="" type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input checked="" type="checkbox"/> Rule 1113(e) <input type="checkbox"/> Rule 1132(f) <input checked="" type="checkbox"/> Rule 1171(e)	<input checked="" type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input checked="" type="checkbox"/> Rule 1171(c)(6) <input type="checkbox"/> Rule 109(c)
<input type="checkbox"/> Coating Operation, Wood Flat Stock	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1104 (08/13/99) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1104(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) <input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1104(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) <input type="checkbox"/> See Applicable Subpart
<input type="checkbox"/> Coating Operation, Wood Products (Commercial Furniture, Cabinets, Shutters, Frames, Toys)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1136 (06/14/96) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART JJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1136(f) <input type="checkbox"/> Rule 1171(e) <input type="checkbox"/> See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1136(d) & (g) <input type="checkbox"/> Rule 1171(c)(6) <input type="checkbox"/> See Applicable Subpart
<input checked="" type="checkbox"/> Coater	See Coating Operations	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Columns	See Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Composting Operation	<input type="checkbox"/> Rule 1133 (01/10/03) <input type="checkbox"/> Rule 1133.1 (01/10/03) <input type="checkbox"/> Rule 1133.2 (01/10/03)	<input type="checkbox"/> Rule 1133.1(e) <input type="checkbox"/> Rule 1133.2(g)	<input type="checkbox"/> Rule 1133.1(d) <input type="checkbox"/> Rule 1133.2(h)
<input checked="" type="checkbox"/> Compressors	See Fugitive Emissions of Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Concrete Batch Plants	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Consumer Product Manufacturing	See Manufacturing, Consumer Product		
<input type="checkbox"/> Cooling Tower, Hexavalent Chromium	<input type="checkbox"/> 40 CFR63 SUBPART Q	See Applicable Subpart	See Applicable Subpart

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Section III - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Copper Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input checked="" type="checkbox"/> Crude Oil Production	See Oil Well Operations		
<input type="checkbox"/> Crusher	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Dairy Farms and Related Operations	<input type="checkbox"/> Rule 1127 (08/06/04)	<input type="checkbox"/> Rule 1127(h)	<input type="checkbox"/> Rule 1127(g)
<input checked="" type="checkbox"/> Degreasers	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <i>02/18/00</i>	<input checked="" type="checkbox"/> Rule 109(g)	<input checked="" type="checkbox"/> Rule 109(c)
	<input checked="" type="checkbox"/> Rule 1122 (05/04/00) <i>10/01/04</i>	<input checked="" type="checkbox"/> Rule 1122(h)	<input checked="" type="checkbox"/> Rule 1122(i)
	<input checked="" type="checkbox"/> Rule 1171 (06/04/00) <i>02/01/08</i>	<input checked="" type="checkbox"/> Rule 1171(e)	<input checked="" type="checkbox"/> Rule 1171(c)(6)
	<input type="checkbox"/> 40 CFR63 SUBPART T	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Dry Cleaning, Perchloroethylene	<input type="checkbox"/> Rule 1421 (12/06/02)	<input type="checkbox"/> Rule 1421(e) & (f)	<input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Dry Cleaning, Petroleum Solvent	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 1102 (11/17/00)	<input type="checkbox"/> Rule 1102(g)	<input type="checkbox"/> Rule 1102(f)
	<input type="checkbox"/> 40 CFR60 SUBPART JU	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Dryers, Mineral Industries	<input type="checkbox"/> 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Ethylene Oxide Sterilizer	See Sterilizer, Ethylene Oxide		
<input checked="" type="checkbox"/> Flanges	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Fluid Catalytic Cracking Unit	<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100.1	<input type="checkbox"/> Rule 218(e) & (f)
	<input type="checkbox"/> Rule 1105 (09/01/84)	<input type="checkbox"/> Rule 1105(c)(1)	<input type="checkbox"/> Rule 1105(c)(2)
	<input type="checkbox"/> Rule 1105.1 (11/07/03)	<input type="checkbox"/> Rule 1105.1(f)	<input type="checkbox"/> Rule 1105.1(e)
<input type="checkbox"/> Foundries, Iron and Steel	<input type="checkbox"/> 40 CFR63 SUBPART EEEEE	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Friction Materials Manufacturing	See Manufacturing, Friction Materials		
<input checked="" type="checkbox"/> Fugitive Emissions, Benzene	<input checked="" type="checkbox"/> Rule 1173 (12/06/02)	<input checked="" type="checkbox"/> Rule 1173(j)	<input checked="" type="checkbox"/> Rule 1173(i)
	<input type="checkbox"/> 40 CFR61 SUBPART L	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, & MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Fugitive Emissions, Chemical Plant	Rule 466 (10/07/83)	Rule 466(f)	Rule 466(e)
	Rule 466.1 (03/16/84)	Rule 466.1(g)	Rule 466.1(h)
	Rule 467 (03/05/82)	Rule 467(f)	Rule 467(e)
	Rule 1173 (02/06/09)	Rule 1173(i)	Rule 1173(i)
	40 CFR60 SUBPART VV	See Applicable Subpart	See Applicable Subpart
	40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Fugitive Emissions, Natural Gas Processing Plant	Rule 466 (10/07/83)	Rule 466(f)
Rule 466.1 (03/16/84)		Rule 466.1(g)	Rule 466.1(h)
Rule 467 (03/05/82)		Rule 467(f)	Rule 467(e)
Rule 1173 (02/06/09)		Rule 1173(i)	Rule 1173(i)
40 CFR60 SUBPART KKK		See Applicable Subpart	See Applicable Subpart
40 CFR61 SUBPART V		See Applicable Subpart	See Applicable Subpart
40 CFR63 SUBPART F		See Applicable Subpart	See Applicable Subpart
40 CFR63 SUBPART G		See Applicable Subpart	See Applicable Subpart
40 CFR63 SUBPART H		See Applicable Subpart	See Applicable Subpart
40 CFR63 SUBPART I		See Applicable Subpart	See Applicable Subpart
40 CFR63 SUBPART R		See Applicable Subpart	See Applicable Subpart
40 CFR63 SUBPART CC		See Applicable Subpart	See Applicable Subpart

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Section III - Applicable Requirements, Test Methods, & MRR Requirements		Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/>	Fugitive Emissions, Oil & Gas Production Facility	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input checked="" type="checkbox"/> Rule 1173 (02/06/09) <i>06/01/07</i> <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input checked="" type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input checked="" type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	
<input type="checkbox"/>	Fugitive Emissions, Pipeline Transfer Station	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	
<input type="checkbox"/>	Furnace, Basic Oxygen Process	<input type="checkbox"/> 40 CFR60 SUBPART Na	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/>	Furnace, Electric Arc, For Steel Plants; Constructed After August 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AA	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/>	Furnace, Electric Arc, For Steel Plants; Constructed After Oct. 21, 1974, & On Or Before Aug. 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AA	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/>	Furnace, Glass Melting	<input type="checkbox"/> Rule 1117 (01/06/84) <input type="checkbox"/> 40 CFR60 SUBPART CC	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/>	Furnace, Lead Melting, Automotive Batteries	<input type="checkbox"/> Rule 1101 (10/07/77) <input type="checkbox"/> 40 CFR63 SUBPART X	<input type="checkbox"/> AQMD TM 6.1 See Applicable Subpart	See Applicable Subpart	

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Section II - Applicable Requirements, Test Methods, & MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Gasoline Transfer & Dispensing Operation	<input type="checkbox"/> Rule 461 (06/03/05) See Manufacturing, Glass	<input type="checkbox"/> Rule 461(f)	<input type="checkbox"/> Rule 461(e)(6) & (e)(7)
<input type="checkbox"/> Glass Manufacturing	See Manufacturing, Glass		
<input type="checkbox"/> Grain Elevators	<input type="checkbox"/> 40 CFR60 SUBPART DD	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Halon-containing Equipment, Use for Technician Training, Testing, Maintenance, Service, Repair, or Disposal	<input type="checkbox"/> 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Hazardous Waste Combustors	<input type="checkbox"/> 40 CFR63 SUBPART EEE	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Heater, Asphalt Pavement	<input type="checkbox"/> Rule 1120 (08/04/78)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 6.2	<input type="checkbox"/> Rule 1120(f)
<input type="checkbox"/> Heaters, Petroleum Refinery Process	<input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 431.1 (06/12/98) <input type="checkbox"/> Rule 1146 (09/05/08) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	N/A <input type="checkbox"/> Rule 431.1(f) <input type="checkbox"/> Rule 1146(d) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 431.1(d) & (e) <input type="checkbox"/> Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Heaters, Process	See Boilers		
<input type="checkbox"/> Incinerators	<input type="checkbox"/> 40 CFR60 SUBPART E <input type="checkbox"/> 40 CFR60 SUBPART CCCC	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Inorganic Arsenic Emissions, Arsenic Trioxide & Metallic Arsenic Production Facilities	<input type="checkbox"/> 40 CFR61 SUBPART P	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Internal Combustion Engines, Reciprocating	<input checked="" type="checkbox"/> Rule 1110.2 (07/09/49) 02/01/08 <input type="checkbox"/> 40 CFR60 SUBPART IIII and JJJJ <input type="checkbox"/> 40 CFR63 SUBPART ZZZZ	Rule 1110.2(g) See Applicable Subpart See Applicable Subpart	Rule 1110.2(f) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Kiln, Cement Plant	<input type="checkbox"/> Rule 1112 (06/06/86) <input type="checkbox"/> Rule 1112.1 (12/04/09) <input type="checkbox"/> 40 CFR60 SUBPART F	N/A N/A See Applicable Subpart	N/A N/A See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Landfills	<input type="checkbox"/> Rule 1150 (10/15/82) <input type="checkbox"/> Rule 1150.1 (03/17/00) <input type="checkbox"/> 40 CFR60 SUBPART WWW <input type="checkbox"/> 40 CFR63 SUBPART AAAA See Manufacturing, Lead Acid Battery	<input type="checkbox"/> Rule 1150.1(i) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1150.1(e) & (f) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Lead Acid Battery Manufacturing Plants	See Manufacturing, Lead Acid Battery		
<input type="checkbox"/> Lead Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input type="checkbox"/> Manufacturing, Asphalt Processing & Asphalt Roofing	<input type="checkbox"/> Rule 470 (05/07/76) <input type="checkbox"/> Rule 1108 (02/01/85) <input type="checkbox"/> Rule 1108.1 (11/04/83) <input type="checkbox"/> 40 CFR60 SUBPART UU <input type="checkbox"/> 40 CFR63 SUBPART LLLLL	N/A <input type="checkbox"/> Rule 1108(b) <input type="checkbox"/> Rule 1108.1 (b) See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Brick & Structural Clay Products	<input type="checkbox"/> 40 CFR63 SUBPART JJJJ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Cement	<input type="checkbox"/> Rule 1156 (03/06/09)	<input type="checkbox"/> Rule 1156(g)	<input type="checkbox"/> Rule 1156(f)
<input type="checkbox"/> Manufacturing, Clay Ceramics	<input type="checkbox"/> 40 CFR63 SUBPART KKKK	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Coatings & Ink (SIC Code 2851)	<input type="checkbox"/> Rule 1141.1 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART HHHH	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1141.1(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Consumer Product	<input type="checkbox"/> Title 17 CCR 94500		
<input type="checkbox"/> Manufacturing, Food Product	<input type="checkbox"/> Rule 1131 (06/06/03)	<input type="checkbox"/> Rule 1131(e)	<input type="checkbox"/> Rule 1131(d)
<input type="checkbox"/> Manufacturing, Friction Materials	<input type="checkbox"/> 40 CFR63 SUBPART QQQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Glass	<input type="checkbox"/> Rule 1117 (01/06/84)	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1	
<input type="checkbox"/> Manufacturing, Hydrochloric Acid	<input type="checkbox"/> 40 CFR60 SUBPART CC <input type="checkbox"/> 40 CFR61 SUBPART N	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Lead-Acid Battery	<input type="checkbox"/> 40 CFR63 SUBPART NNNN <input type="checkbox"/> 40 CFR60 SUBPART KK	See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Manufacturing, Lime	<input type="checkbox"/> 40 CFR63 SUBPART AAAAA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Magnetic Tape Industry	<input type="checkbox"/> 40 CFR60 SUBPART SSS <input type="checkbox"/> 40 CFR63 SUBPART EE	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Miscellaneous Organic Chemical	<input type="checkbox"/> 40 CFR63 SUBPART FFFF	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Nitric Acid	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 1159 (12/06/85) <input type="checkbox"/> 40 CFR60 SUBPART G	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> AQMD TM 7.1 or 100.1 See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Plywood & Composite Wood Products	<input type="checkbox"/> Rule 1137 (02/01/02) <input type="checkbox"/> 40 CFR63 SUBPART DDDD	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1137(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymer Industry	<input type="checkbox"/> 40 CFR60 SUBPART DDD <input type="checkbox"/> 40 CFR63 SUBPART W <input type="checkbox"/> 40 CFR63 SUBPART J	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymeric Cellular Foam	<input type="checkbox"/> Rule 1175 (09/07/07) <input type="checkbox"/> 40 CFR63 SUBPART UUUU	<input type="checkbox"/> Rule 1175(f) See Applicable Subpart	<input type="checkbox"/> Rule 1175(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Halon Blends	<input type="checkbox"/> 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Organic Solvents	<input type="checkbox"/> Rule 443.1 (12/05/86)	N/A	N/A
<input type="checkbox"/> Manufacturing, Products Containing Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART A <input type="checkbox"/> 40 CFR82 SUBPART E	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Reinforced Plastic Composites	<input type="checkbox"/> 40 CFR63 SUBPART WWWW	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Refractory Products	<input type="checkbox"/> 40 CFR63 SUBPART SSSS	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Resin	<input type="checkbox"/> Rule 1141 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART W	<input type="checkbox"/> Rule 1141(d) See Applicable Subpart	<input type="checkbox"/> Rule 1141(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Rubber Tire	<input type="checkbox"/> 40 CFR63 SUBPART XXXX	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Semiconductors	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1164 (01/13/95) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART BBBBB	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1164(e) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1164(c)(5) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Solvent	<input type="checkbox"/> Rule 443 (05/07/76)	N/A	N/A

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Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
Manufacturing, Sulfuric Acid	Rule 469 (02/13/81) 40 CFR60 SUBPART H 40 CFR60 SUBPART Cd	AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Manufacturing, Surfactant	Rule 1141.2 (01/11/02)	Rule 1141.2(e) AQMD TM 25.1	
Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	40 CFR60 SUBPART III 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Manufacturing, Synthetic Organic Chemical Processes	40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
Manufacturing, Vinyl Chloride	40 CFR61 SUBPART F	See Applicable Subpart	See Applicable Subpart
Manufacturing, Water Heaters	Rule 1121 (09/03/04)	N/A	N/A
Manufacturing, Wool Fiberglass Insulation	40 CFR60 SUBPART PPP	See Applicable Subpart	See Applicable Subpart
Manure Processing Operations	Rule 1127 (08/06/04)	Rule 1127(h)	Rule 1127(g)
Marine Tank Vessel Operations	Rule 1142 (07/19/91) Rule 1173 (02/06/09)	Rule 1142(e) Rule 1173(j)	Rule 1142(h) Rule 1173(i)
Mercury Emissions	40 CFR63 SUBPART Y	See Applicable Subpart	See Applicable Subpart
Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS): Repair, Service, Manufacturing, Maintenance, or Disposal	40 CFR61 SUBPART E 40 CFR63 SUBPART IIII	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Municipal Waste Combustors	40 CFR82 SUBPART B 40 CFR82 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Negative Air Machines/HEPA, Asbestos	40 CFR60 SUBPART Cb 40 CFR60 SUBPART Ea 40 CFR60 SUBPART Eb	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
Nickel Electroplating Operation	40 CFR61 SUBPART M	See Applicable Subpart	See Applicable Subpart
Nonmetallic Mineral Processing Plants	Rule 1426 (05/02/03) Rule 404 (02/07/86) Rule 405 (02/07/86)		Rule 1426(e)
Off-site Waste and Recovery Operation	40 CFR63 SUBPART DD	AQMD TM 5.1, 5.2, or 5.3 AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart See Applicable Subpart

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Rule = AQMD Rule

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AQMD TM = AQMD Test Method

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Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Oil and Gas Well Operation	<input type="checkbox"/> Rule 1148 (11/05/82) <input type="checkbox"/> Rule 1148.1 (03/05/04)	<input type="checkbox"/> AQMD TM 25.1 <input type="checkbox"/> Rule 1148.1 (g) See Applicable Subpart	<input type="checkbox"/> Rule 1148.1 (f) See Applicable Subpart
<input type="checkbox"/> Onshore Natural Gas Processing, SO2 Emissions	<input type="checkbox"/> 40 CFR60 SUBPART LLL		
<input type="checkbox"/> Open Fires	<input type="checkbox"/> Rule 444 (11/07/08)		
<input type="checkbox"/> Open Storage, Petroleum Coke	<input type="checkbox"/> Rule 403 (06/03/05) <input type="checkbox"/> Rule 403.1 (04/02/04) <input type="checkbox"/> Rule 1158 (06/11/99)	<input type="checkbox"/> Rule 403(d)(4) <input type="checkbox"/> Rule 1158(h) <input type="checkbox"/> Rule 403(d)(4)	<input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h) <input type="checkbox"/> Rule 1158(j) <input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h)
<input type="checkbox"/> Open Storage	<input type="checkbox"/> Rule 403 (06/03/05) <input type="checkbox"/> Rule 403.1 (04/02/04)		
<input checked="" type="checkbox"/> Outer Continental Shelf Platform	<input checked="" type="checkbox"/> Rule 1183 (03/12/93) <input checked="" type="checkbox"/> 40 CFR55	<input checked="" type="checkbox"/> 40 CFR55 See Applicable Subpart	<input checked="" type="checkbox"/> 40 CFR55 See Applicable Subpart
<input type="checkbox"/> Oven, Commercial Bakery	<input type="checkbox"/> Rule 1153 (01/13/95)	<input type="checkbox"/> Rule 1153(h)	<input type="checkbox"/> Rule 1153(g)
<input type="checkbox"/> Oven, Petroleum Coke	<input type="checkbox"/> Rule 477 (04/03/81) <input type="checkbox"/> 40 CFR63 SUBPART L <input type="checkbox"/> 40 CFR63 SUBPART CCCCC	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Ozone Depleting Substances (ODS) or Alternative ODS, Use	<input type="checkbox"/> 40 CFR82 Subpart G	See Applicable Subpart	See Applicable Subpart

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Rule = AQMD Rule AQMD TM = AQMD Test Method CCR = California Code of Regulations

Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Petroleum Refineries	<input type="checkbox"/> Rule 218 (05/14/99)	<input type="checkbox"/> AQMD TM 100.1	<input type="checkbox"/> Rule 218(e) & (f)
	<input type="checkbox"/> Rule 465 (08/13/99)	<input type="checkbox"/> AQMD TM 6.1 or 6.2	<input type="checkbox"/> Rule 1118(f), (g), (h), & (i)
	<input type="checkbox"/> Rule 468 (10/08/76)	<input type="checkbox"/> AQMD TM 6.1 or 6.2	<input type="checkbox"/> Rule 1123(c)
	<input type="checkbox"/> Rule 469 (02/13/81)	<input type="checkbox"/> Rule 1118(j)	<input type="checkbox"/> Rule 1189(e)
	<input type="checkbox"/> Rule 1118 (11/04/05)	N/A	See Applicable Subpart
	<input type="checkbox"/> Rule 1123 (12/07/90)	<input type="checkbox"/> Rule 1189(f)	See Applicable Subpart
	<input type="checkbox"/> Rule 1189 (01/21/00)	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART J	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART EEEE	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART GGGG	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Title 13 CCR 2250		
	<input type="checkbox"/> Petroleum Refineries, Fugitive Emissions	<input type="checkbox"/> Rule 1173 (02/06/09)	<input type="checkbox"/> Rule 1173(j)
<input type="checkbox"/> Rule 466 (10/07/83)		<input type="checkbox"/> Rule 466(f)	<input type="checkbox"/> Rule 466(e)
<input type="checkbox"/> Rule 466.1 (03/16/84)		<input type="checkbox"/> Rule 466.1(g)	<input type="checkbox"/> Rule 466.1(h)
<input type="checkbox"/> Rule 467 (03/05/82)		<input type="checkbox"/> Rule 467(f)	<input type="checkbox"/> Rule 467(e)
<input type="checkbox"/> 40 CFR60 SUBPART GGG		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR61 SUBPART V		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART F		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART G		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART H		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART I		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART R		See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART CC		See Applicable Subpart	See Applicable Subpart

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Section II - Applicable Requirements, Test Methods, & MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement	
<input type="checkbox"/> Petroleum Refineries, Storage Tanks	<input type="checkbox"/> Rule 463 (05/06/05)	<input type="checkbox"/> Rule 463(g)	<input type="checkbox"/> Rule 463(e)(5)	
	<input type="checkbox"/> Rule 1178 (04/07/06)	<input type="checkbox"/> Rule 1178(f)	<input type="checkbox"/> Rule 1178(f) & (h)	
	<input type="checkbox"/> 40 CFR60 SUBPART K	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR60 SUBPART Ka	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR60 SUBPART Kb	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART EEEE	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> Petroleum Refineries, Wastewater Systems	<input type="checkbox"/> Rule 1176 (09/13/96)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
		<input type="checkbox"/> Rule 464 (12/07/90)	N/A	
<input type="checkbox"/> Pharmaceuticals & Cosmetics Manufacturing	<input type="checkbox"/> 40 CFR60 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Polyester Resin Operation	<input type="checkbox"/> Rule 1103 (03/12/99)	<input type="checkbox"/> Rule 1103(f)	<input type="checkbox"/> Rule 1103(e)	
	<input type="checkbox"/> 40 CFR63 SUBPART GGG	See Applicable Subpart	See Applicable Subpart	
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)	
<input type="checkbox"/> Primary Magnesium Refining	<input type="checkbox"/> Rule 1162 (07/08/05)	<input type="checkbox"/> Rule 1162(f)	<input type="checkbox"/> Rule 1162(e)	
	<input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 1171(c)(6)	
<input type="checkbox"/> Printing Press	See Coating Operations	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Publicly Owned Treatment Works Operations	<input type="checkbox"/> Rule 1179 (03/06/92)	<input type="checkbox"/> Rule 1179(e)	<input type="checkbox"/> Rule 1179(c) & (d)	
	<input type="checkbox"/> 40 CFR60 SUBPART O	See Applicable Subpart	See Applicable Subpart	
<input checked="" type="checkbox"/> Pumps	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions			

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Section II - Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Recycling & Recovery Equipment for Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Refrigerant Reclaimers for Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Rendering Plant	<input type="checkbox"/> Rule 472 (05/07/76)	N/A	<input type="checkbox"/> Rule 472(b)
<input type="checkbox"/> Rock Crushing	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Secondary Aluminum Production	<input type="checkbox"/> 40 CFR63 SUBPART LL	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Semiconductor Manufacturing	See Manufacturing, Semiconductors		
<input type="checkbox"/> Sewage Treatment Plants	See Publicly Owned Treatment Works Operation		
<input type="checkbox"/> Site Remediation	<input type="checkbox"/> 40 CFR63 SUBPART GGGG	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Smelting, Primary Copper	<input type="checkbox"/> 40 CFR63 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Smelting, Secondary Lead	<input type="checkbox"/> 40 CFR60 SUBPART L <input type="checkbox"/> 40 CFR63 SUBPART X	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Soil Decontamination / Excavation	<input type="checkbox"/> Rule 1166 (05/11/01) <input type="checkbox"/> 40 CFR63 SUBPART GGGG	<input type="checkbox"/> Rule 1166(e) See Applicable Subpart	<input type="checkbox"/> Rule 1166(c)(1)(C) See Applicable Subpart
<input type="checkbox"/> Spray Booth	See Coating Operations		
<input type="checkbox"/> Sterilizer, Ethylene Oxide	<input type="checkbox"/> 40 CFR63 SUBPART O	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Storage Tank, Degassing Operation	<input checked="" type="checkbox"/> Rule 1149- 0744957 05/02/08 <input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart

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Section II. Applicable Requirements, Test Methods, & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Storage Tank, Greater Than 19,815 Gallon Capacity	<input checked="" type="checkbox"/> Rule 463 (05/06/05)	<input checked="" type="checkbox"/> Rule 463(g)	<input checked="" type="checkbox"/> Rule 463(e)(5)
	<input type="checkbox"/> Rule 1178 (04/07/06)	<input type="checkbox"/> Rule 1178(i)	<input type="checkbox"/> Rule 1178(h)
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART K	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Ka	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Kb	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART BBBBBB	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Synthetic Fiber Production Facilities	<input type="checkbox"/> 40 CFR60 SUBPART HHH	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Taconite Iron Ore Processing Facilities	<input type="checkbox"/> 40 CFR63 SUBPART RRRRR	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Turbine, Stationary Gas-Fired	<input type="checkbox"/> Rule 1134 (08/08/97)	<input type="checkbox"/> Rule 1134(e) & (g)	<input type="checkbox"/> Rule 1134(d) & (f)
	<input checked="" type="checkbox"/> Rule 475 (08/07/78)	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART GG	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART KKKK	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART YYYY	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Turbine, Stationary Oil-Fired	<input type="checkbox"/> 40 CFR63 SUBPART YYYY	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Valves	See Fugitive Emissions of Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Vessel, Refinery Process	<input type="checkbox"/> Rule 1123 (12/07/90)	N/A	<input type="checkbox"/> Rule 1123(c)
<input type="checkbox"/> Vessels	See Petroleum Refineries, Fugitive Emissions		

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Section II - Applicable Requirements, Test Methods & MRR Requirements			
Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Wastewater, Chemical Plant	<input type="checkbox"/> Rule 464 (12/07/90) <input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART CC	N/A <input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Wastewater Treatment, Other	<input type="checkbox"/> Rule 464 (12/07/90) <input checked="" type="checkbox"/> Rule 1176 (09/13/96)	N/A <input checked="" type="checkbox"/> Rule 1176(h)	<input checked="" type="checkbox"/> Rule 1176(f) & (g)
<input type="checkbox"/> Woodworking Operations	<input type="checkbox"/> Rule 1137 (02/01/02)	N/A	<input type="checkbox"/> Rule 1137(e)

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Section IV - SIP-Approved Rules That Are Not The Most Current AQMD Rules

Check off each SIP-Approved Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
401	03/02/84	<input type="checkbox"/>			<input type="checkbox"/>
431.2	05/04/90	<input type="checkbox"/>			<input type="checkbox"/>
461	6/3/05	<input type="checkbox"/>			<input type="checkbox"/>
466.1	05/02/80	<input type="checkbox"/>			<input type="checkbox"/>
469	04/07/76	<input type="checkbox"/>			<input type="checkbox"/>
475	10/08/76	<input type="checkbox"/>			<input type="checkbox"/>
1112	01/06/84	<input type="checkbox"/>			<input type="checkbox"/>
1112.1	2/7/86	<input type="checkbox"/>			<input type="checkbox"/>
1113	11/08/96	<input type="checkbox"/>			<input type="checkbox"/>
1117	1/6/83	<input type="checkbox"/>			<input type="checkbox"/>
1122	07/11/97	<input type="checkbox"/>			<input type="checkbox"/>
1132	03/05/04	<input type="checkbox"/>			<input type="checkbox"/>
1140	02/01/80	<input type="checkbox"/>			<input type="checkbox"/>
1146	11/17/00	<input type="checkbox"/>			<input type="checkbox"/>
1146.1	5/13/94	<input type="checkbox"/>			<input type="checkbox"/>
1151	12/11/98	<input type="checkbox"/>			<input type="checkbox"/>
1158	6/11/99	<input type="checkbox"/>			<input type="checkbox"/>
1162	11/17/00	<input type="checkbox"/>			<input type="checkbox"/>
1166	07/14/95	<input type="checkbox"/>			<input type="checkbox"/>
1171	11/07/03	<input type="checkbox"/>			<input type="checkbox"/>
1175	05/13/94	<input type="checkbox"/>			<input type="checkbox"/>
1186	09/10/99	<input type="checkbox"/>			<input type="checkbox"/>

Section V - AQMD Rules That Are Not SIP-Approved (Continued on Following Page)

Check off each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
53 Los Angeles Co.	N/A	<input type="checkbox"/>	1192	06/16/00	<input type="checkbox"/>
53 Orange Co.	N/A	<input type="checkbox"/>	1193	07/09/10	<input type="checkbox"/>
53 Riverside Co.	N/A	<input type="checkbox"/>	1194	10/20/00	<input type="checkbox"/>
53 San Bernardino Co.	N/A	<input type="checkbox"/>	1195	05/05/06	<input type="checkbox"/>
53A San Bernardino Co.	N/A	<input type="checkbox"/>	1196	06/06/08	<input type="checkbox"/>
402	05/07/76	<input type="checkbox"/>	1401	09/10/10	<input type="checkbox"/>
429	12/21/90	<input type="checkbox"/>	1401.1	11/04/05	<input type="checkbox"/>
430	07/12/96	<input checked="" type="checkbox"/>	1402	03/04/05	<input type="checkbox"/>
441	05/07/76	<input type="checkbox"/>	1403	10/05/07	<input type="checkbox"/>
473	05/07/76	<input type="checkbox"/>	1404	04/06/90	<input type="checkbox"/>
477	04/03/81	<input type="checkbox"/>	1405	01/04/91	<input type="checkbox"/>
480	10/07/77	<input type="checkbox"/>	1406	07/08/94	<input type="checkbox"/>
1109	08/05/88	<input type="checkbox"/>	1407	07/08/94	<input type="checkbox"/>
1110.2	07/09/10	<input type="checkbox"/>	1411	03/01/91	<input type="checkbox"/>
1116.1	10/20/78	<input type="checkbox"/>	1414	05/03/91	<input type="checkbox"/>
1127	08/06/04	<input type="checkbox"/>	1415	10/14/94	<input type="checkbox"/>
1143	07/09/10	<input type="checkbox"/>	1418	09/10/99	<input type="checkbox"/>
1147	12/05/08	<input type="checkbox"/>	1420	09/11/92	<input type="checkbox"/>
1148.1	03/05/04	<input type="checkbox"/>	1420.1	11/05/10	<input type="checkbox"/>
1150	10/15/82	<input type="checkbox"/>	1421	12/06/02	<input type="checkbox"/>
1155	12/04/09	<input type="checkbox"/>	1425	03/16/01	<input type="checkbox"/>
1156	03/06/09	<input type="checkbox"/>	1426	05/02/03	<input type="checkbox"/>
1157	09/08/06	<input type="checkbox"/>			<input type="checkbox"/>
1163	06/07/85	<input type="checkbox"/>			<input type="checkbox"/>
1170	05/06/88	<input type="checkbox"/>			<input type="checkbox"/>
1183	03/12/93	<input type="checkbox"/>			<input type="checkbox"/>
1186.1	01/09/09	<input type="checkbox"/>			<input type="checkbox"/>
1191	06/16/00	<input type="checkbox"/>			<input type="checkbox"/>

Section V - AQMD Rules That Are Not SIP-Approved (Continued on Following Page)

Check off each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
1469	12/05/08	<input type="checkbox"/>	2009.1	05/11/01	<input type="checkbox"/>
1469.1	03/04/05	<input type="checkbox"/>	2501	05/09/97	<input type="checkbox"/>
1470	06/01/07	<input type="checkbox"/>	2506	12/10/99	<input checked="" type="checkbox"/>
1472	03/07/08	<input type="checkbox"/>			<input type="checkbox"/>
2009	01/07/05	<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>

Title V Non-Compliant Operations Report and Part 70 Compliance Schedule/Plan and Quality Improvement Plan - QIP

Mail To:
 SCAQMD
 P.O. Box 4941
 Diamond Bar, CA 91765-0941
 Tel: (909) 396-3385
 www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit): Beta Offshore - Beta OCS Platforms Facility
 2. Date: (mo/day/yr) 01/16/2012
 3. Revision?
 4. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 166073

Section II - Non-Compliant Operations Report

1. Facility applying for initial Title V permit: This facility has not been issued an initial Title V permit. The table below describes the non-compliant operations and the applicable requirements. The variance case number is also noted.

2. Facility has been issued an initial Title V permit:

- a. This facility has experienced non-compliant operations as described below but achieved compliance with the applicable requirements on _____ (mo/day/yr).
- b. This facility continues to experience non-compliant with the applicable requirements as described below. The Case Number for the approved Alternative Operating Conditions (AOC) is noted.

Device or Application Number	Applicable Requirement* (Rule or Permit Condition Number)	Federally Enforceable Requirement?	(Including any Notices of Violation Issued) Describe Non-Compliant Operations (Attach additional sheets as needed.)	Variance or AOC Case Number (Attach copy of document.)
D99	RECLAIM NOx Conc. Limit	<input checked="" type="radio"/> Yes <input type="radio"/> No	NOx tests 12/29/11 and 1/12/12: 115 & 114 (vs 110 ppbmv limit)	Variance Case #5855-1
		<input type="radio"/> Yes <input type="radio"/> No		
		<input type="radio"/> Yes <input type="radio"/> No		
		<input type="radio"/> Yes <input type="radio"/> No		
		<input type="radio"/> Yes <input type="radio"/> No		

*Only list the applicable requirement with which the operation is not in compliance.

Section III - Part 70 Compliance Schedule/Plan and QIP

Describe How Compliance Was or Will Be Achieved	Compliance Schedule	
	Date (mo/day/yr)	Remedial Measures & Milestones
1) Obtain ex-parte emergency variance	12/30/2011	Petition submitted 12/30/2011; ex-parte variance granted 01/04/2012
2) Obtain interim variance	01/19/2012	Interim hearing on 01/12/2012 continued to 01/19/2012
3) Obtain short variance	02/29/2012	Hearing will probably be scheduled prior to this
4) Apply for change of condition to increase NOx conc. limit	01/31/2012	Will probably submit during week of 01/16/2012
5) Receive revised permit with increased NOx conc. limit	07/01/2012	Permit revision requires EPA review, etc. (Title V)

Section IV - Progress Report Schedule

1. Certified progress reports will be submitted according to the following schedule (Check a or b and complete c.):

- a. Semi-annually
- b. More frequently as specified
- c. Submittal dates: 1) _____ 2) _____ 3) _____ 4) _____

**Title V
Instructions for
Form 500-C2**

**Application Instructions for
Non-Compliant Operations Report and Compliance Plan and
Quality Improvement Plan (QIP)**

To complete this application, type or print the information in the appropriate blanks.

Complete this form for any equipment not operating in compliance with federally-enforceable, applicable requirements or will not be in compliance when the Title V permit is issued. A separate Form 500-C2 should be completed for each process or system that is not in compliance with all applicable requirements. (For initial or Renewal Title V application submittal, attach all completed Forms 500-C2 to Form 500-C1.)

Section I - Operator Information

Facility ID: Complete only if your facility has been issued an identification or ID number by the AQMD. If not, leave these boxes blank. An ID number will be assigned when the application is submitted.

Revision: Check this box if this submittal is a revision to a previous report.

Section II - Non-Compliant Operations Report

Device or Application Number: For RECLAIM facilities, the device number information can be found in the permit under Section D: Facility Description and Equipment Specific Conditions. Non-RECLAIM facilities shall refer to the existing application number. In the event that there are no numbers assigned to a device because of an addition or modification to a facility, indicate this in the appropriate spaces provided on the form by inserting the word "new." Upon application approval, the AQMD will assign these numbers and, subsequently, they will be added to the permit for future reference.

Applicable Requirement: Cite the rule number and section and the date of the rule version (e.g., Rule 1130 (b)(5), 08/02/91), or the permit condition with which the device currently is not in compliance.

Federally Enforceable Requirement: For each rule, indicate whether the applicable version is federally enforceable.

Describe Non-Compliant Operations: For each device that is identified as not in compliance according to applicable requirements, describe in detail the circumstances and parameters of the non-compliance. Attach additional sheets as needed. If one or more Notices of Violation were issued, enter the Notice numbers and the descriptions of the violations here.

Variance or Alternative Operating Condition Case Number: When applicable, provide the case number and attach a copy of any active variance or alternative operating condition granted by the AQMD Hearing Board for the non-compliant equipment.

Section III - Part 70 Compliance Schedule/Plan and QIP

A compliance plan is required for any device that is expected to not be operating in compliance when the Title V permit is scheduled to be issued. Provide a detailed schedule of compliance including remedial measures (including an enforceable sequence of actions with milestones) leading to compliance. This compliance schedule should resemble, and is at least as stringent as, that contained in any judicial consent decree or administrative order to which your facility is subject.

A Quality Improvement Plan (QIP) may be required where the owner or operator has failed to satisfy the general duty to properly operate and maintain an emissions unit or the owner or operator has evidence of a failure to comply with an applicable requirement. The QIP would include both an initial "problem investigation" phase and a "corrective action" phase.

Describe How Compliance Was or Will Be Achieved: Describe in detail all remedial measures that the facility has taken or will take to bring the equipment into compliance. Attach additional sheets as needed.

Compliance Schedule: List each remedial measure and milestone and the date when the action was or will be completed, in chronological order.

Section IV - Progress Report Schedule

Provide a schedule of due dates for progress reports beginning after the scheduled date that the Title V permit will be issued. The frequency of reporting must be at least every six months. Skip this section if compliance has already been achieved for device(s) listed in Section I.

Maria Vibal

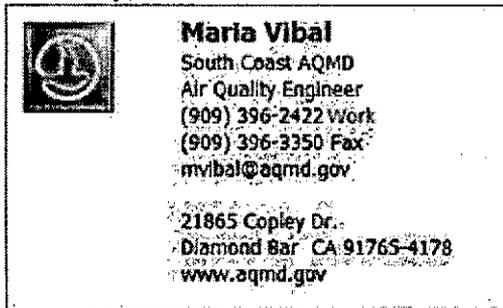
From: Maria Vibal
Sent: Wednesday, February 01, 2012 1:23 PM
To: 'Milan Steube'; 'mrobertson@betaoffshore.com'
Subject: Permit Applications for Gas Turbine D99 & TV/Reclaim Facility Permit Revision [531454-55]
Attachments: Maria Vibal.vcf

I am assigned the referenced permit applications. I have the following comments -

- Our database shows that this facility owes delinquent fees. Please contact Billing Services at (909) 396-2900 to determine the exact amount owed and how to resolve the delinquency. Please let me know when the matter has been resolved.
- Completed form 500-C1 is not included in the application packet. Please e-mail the completed form ✓ to me.
- I need the most recent triennial Rule 2012 source test report for NOx using process gas as fuel for the Centaur Turbine generator D99. This is the report which reflects the exceedance of the NOx ✓ emissions over the allowable limit of 110 ppmvd at 15% O₂. The test report can be preliminary or final. I need the documentation for the evaluation.

Let me know if you have any questions. Thank you for your help.

Sincerely,



Maria Vibal

From: Maria Vibal
Sent: Thursday, February 02, 2012 7:30 AM
To: 'Marina Robertson'
Subject: RE: Permit Applications for Gas Turbine D99 & TV/Reclaim Facility Permit Revision [531454-55]

Thank you for the prompt reply, Marina. The documentation you provided should suffice as justification for the requested increase in the process gas NOx concentration limit for turbine D99. I do not need the copy of the test results. As previously agreed upon, the test reports should go to Wayne Stredwick.

Sincerely,
Maria Vibal

Air Quality Engineer
South Coast AQMD
Tel. (909) 396-2422
Fax : (909) 396-3350

From: Marina Robertson [<mailto:mrobertson@betaoffshore.com>]
Sent: Wednesday, February 01, 2012 3:09 PM
To: Maria Vibal
Subject: RE: Permit Applications for Gas Turbine D99 & TV/Reclaim Facility Permit Revision [531454-55]

Hi,

Thanks for your email. Please see my responses to the issues below.

Marina Robertson
HSE Manager
mrobertson@betaoffshore.com



111 W. Ocean Blvd., Ste 1240
Long Beach, CA 90802
Office: 562-683-3497
Fax: 562-628-1536
Cell: 714-309-9481

From: Maria Vibal [<mailto:mvibal@aqmd.gov>]
Sent: Wednesday, February 01, 2012 1:23 PM
To: Milan Steube; Marina Robertson
Subject: Permit Applications for Gas Turbine D99 & TV/Reclaim Facility Permit Revision [531454-55]

I am assigned the referenced permit applications. I have the following comments -

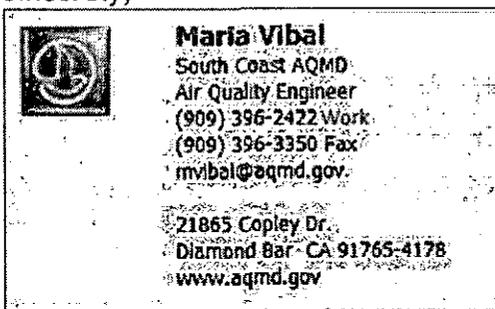
- Our database shows that this facility owes delinquent fees. Please contact Billing Services at (909) 396-2900 to determine the exact amount owed and how to resolve the delinquency. Please let me

know when the matter has been resolved. I have contacted Billing Services. Two of the outstanding invoices were just received by us last week. They are in accounts payable and are not delinquent. The only delinquent invoice is one for a Toxics Hot Spots fee. Our facility is exempt from that requirement and I have some documentation from AQMD substantiating that. I forwarded a copy of this documentation to Billing Services. Hopefully this will promptly be resolved - permanently. I'll let you know when it's done.

- Completed form 500-C1 is not included in the application packet. Please e-mail the completed form to me. I have attached the Form 500-C1. Sorry for the omission. Thanks for allowing me to submit this via email.
- I need the most recent triennial Rule 2012 source test report for NOx using process gas as fuel for the Centaur Turbine generator D99. This is the report which reflects the exceedance of the NOx emissions over the allowable limit of 110 ppmvd at 15% O₂. The test report can be preliminary or final. I need the documentation for the evaluation. The source test report is due next week (We were given a 30-day time limit). I should receive a draft Monday or Tuesday and shortly thereafter the final report will be submitted to the District. The source test company Almega Environmental, provided me with a summary letter showing final results for the various source tests conducted in December and January. Please note that all tests conducted prior to 12/23 produced faulty data as a result of problems with a modified test method using a portable analyzer. When this analyzer was replaced with a CEMS analyzer compliant with SCAQMD Method 100.1, the results were consistent with the range of historical testing results for these turbines. The D99 source test on process gas occurred on 12/28. I have also attached a table that I made showing only the final Method 100.1 results. Wayne Stredwick asked that the source test report be sent directly to him. Shall I send you a separate copy?

Let me know if you have any questions. Thank you for your help.

Sincerely,





January 18, 2012

Permit Services
South Coast Air Quality Management District
P.O. Box 4944
Diamond Bar, CA 91765-0944

**Re: Application for Change of Condition (RECLAIM NO_x Concentration Limit)
Dual-Fired Turbine (Device D99)
Beta Offshore - Beta OCS Platforms Facility (ID 166073)**

Dear Sir / Madam:

Beta Offshore is submitting an application for Change of Condition to modify the RECLAIM NO_x concentration limit (while fired on process gas) for a dual-fired turbine (Device D99) at the subject facility. Specifically, the RECLAIM NO_x concentration limit while fired on process gas is requested to be increased from 110 ppmv to 130 ppmv (both at 15% O₂, dry).

The necessary application forms are enclosed as follows:

- One Form 400-CEQA
- One Form 400-A (to Amend RECLAIM & Title V Facility Permit)
- One Form 400-A (for Change of Condition for D99)
- One Form 400-E-12
- **One Form 400-XPP***
- One Form 500-A1
- One Form 500-A2
- One Form 500-C1
- One Form 500-C2

Our check in the amount of \$6,418.72 is enclosed for fees as follows (per Rule 301 Schedule D):

Change of Condition	\$ 3,114.35
Expedited Processing (50% of base fee)	\$ 1,557.18
<u>Amend RECLAIM and Title V Facility Permit</u>	<u>\$ 1,747.19</u>
Total	\$ 6,418.72

***Please note that expedited processing is requested.**

Rule 2012(f)(3) says:

"No demonstration will be required to amend the Facility Permit to incorporate the alternative concentration limit, provided the large source or process unit complies with that limit in ppm over any continuous 60 minutes."

However, the proposed concentration limit change is supported by the preliminary results of a tri-annual RECLAIM NOx source test performed on December 29, 2011, and a re-test on January 12, 2012. The preliminary results of those tests indicated concentrations at or near 115 ppmv (at 15%O₂, dry). Copies of the source test reports will be forwarded as soon as they are available. Beta Offshore filed a petition for an ex-parte emergency, interim, and short variance (Case #5655-1) on December 30, 2011 (the day after the first test). The ex-parte variance was granted on January 4, 2012, and the hearing for the interim variance on January 12, 2012, was continued to January 19, 2012. In addition, the District was notified of the breakdown on December 29, 2011 (Report No. 293018) and a written breakdown /Title V deviation report (Form 500-N) was submitted on January 9, 2012.

The following certification is provided to satisfy the requirements of Rule 3005(e)(2)(ii) and Rule 3003(c)(7):

Certification:

Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed application package are true, accurate, and complete. Furthermore, each of the permit revisions meet the criteria defined in Rule 3000(b)(6) for use of de minimus significant permit revision procedures and we request that such procedures be used.

If you have any questions or require additional information, please contact me at (562) 628-1526.

Sincerely,



Steve Liles
Executive VP and COO

- Enclosures:
- 1) One Form 400-CEQA
 - 2) One Form 400-A (Amend Facility Permit)
 - 3) One Form 400-A (Change of Condition for D99)
 - 4) One Form 400-E-12 (Supplemental Equipment Form for D99)
 - 5) One Form 400-XPP
 - 6) Check for \$6,418.72
 - 7) One Form 500-A1
 - 8) One Form 500-A2
 - 9) One Form 500-C1
 - 10) One Form 500-C2

cc: (w/o Enclosures) Ms. Maria Vibal, AQ Engineer II, South Coast AQMD

CHECK NO.

6030

1201-AP-21 01/16/12 REQ011612 6418.72
Permit Modification: Facility ID 166073

0.00

6418.72



111 W. Ocean Blvd., Suite 1240
 Long Beach, CA 90802

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10/16/12

Maria Vibal

Postmark
Here

ID #

166073

Sent To

Steve Liles; Beta Offshore
Street, Apt. No.;
or PO Box No. 111 W. Ocean Blvd. Ste. 1240
City, State, ZIP+4
Long Beach, CA 90802

9199 3956 2000 025T TT02