

ROUTING RECORD

DATE	FROM	TO	ACTION
2-24-12	HM	REL	
3-1-12	REL	P/S	Pre Screened
5-25-12	REL	P/S	Plan Approved
7-10-12	HM	PS	Final TV/RECLAIM Revision

REFERENCE TO OTHER APCD RECORDS INCLUDING VARIANCES

APPL # 532299
I.D. # 187066

ARLON GRAPHICS L.L.C.
2811 S HARBOR BLVD
SANTA ANA
RECLAIM PERMIT REVISION

Date: 02/14/12



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): Arlon Graphics LLC
2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 167066
3. Owner's Business Name (If different from Business Name of Operator):

Section B - Equipment Location Address

4. Equipment Location Is: [X] Fixed Location [] Various Location
2811 South Harbor Blvd.
Street Address
Santa Ana, CA 92704
City Zip
Robert Nicholson, Facilities Eng. Mgr.
Contact Name Title
(714) 431-4221 (714) 431-4305
Phone # Ext. Fax #
E-Mail: rnicholson@arlon.com

Section C - Permit Mailing Address

5. Permit and Correspondence Information:
[X] Check here if same as equipment location address
2811 South Harbor Blvd.
Address
Santa Ana, CA 92704
City State Zip
Robert Nicholson, Facilities Eng. Mgr.
Contact Name Title
(714) 431-4221 (714) 431-4305
Phone # Ext. Fax #
E-Mail: rnicholson@arlon.com

Section D - Application Type

6. The Facility Is: [] Not in RECLAIM or Title V [] In RECLAIM [] In Title V [X] In RECLAIM & Title V Programs
7. Reason for Submitting Application (Select only ONE):
7a. New Equipment or Process Application:
[] New Construction (Permit to Construct)
[] Equipment On-Site But Not Constructed or Operational
[] Equipment Operating Without A Permit *
[] Compliance Plan
[] Registration/Certification
[] Streamlined Standard Permit
7b. Facility Permits:
[] Title V Application or Amendment (Also submit Form 500-A1)
[X] RECLAIM Facility Permit Amendment
7c. Equipment or Process with an Existing/Previous Application or Permit:
[] Administrative Change
[] Alteration/Modification
[] Alteration/Modification without Prior Approval *
[] Change of Condition
[] Change of Condition without Prior Approval *
[] Change of Location
[] Change of Location without Prior Approval *
[] Equipment Operating with an Expired/Inactive Permit *
Existing or Previous Permit/Application
If you checked any of the items in 7c, you MUST provide an existing Permit or Application Number:
* A Higher Permit Processing Fee and additional Annual Operating Fees (up to 3 full years) may apply (Rule 301(c)(1)(D)(f)).

8a. Estimated Start Date of Construction (mm/dd/yyyy): 01/01/2012
8b. Estimated End Date of Construction (mm/dd/yyyy): 06/01/2012
8c. Estimated Start Date of Operation (mm/dd/yyyy): 06/01/2012

9. Description of Equipment or Reason for Compliance Plan (list applicable rule): Add Coating Line No. 4, Vinyl Film Casting Line to the facility RECLAIM Permit
10. For identical equipment, how many additional applications are being submitted with this application? (Form 400-A required for each equipment / process)
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) [X] No [] Yes
12. Has a Notice of Violation (NOV) or a Notice to Comply (NC) been issued for this equipment? If Yes, provide NOV/NC#: [X] No [] Yes

Section E - Facility Business Information

13. What type of business is being conducted at this equipment location? Paper and Film Adhesive Coating
14. What is your business primary NAICS Code? (North American Industrial Classification System) 322222
15. Are there other facilities in the SCAQMD jurisdiction operated by the same operator? [X] No [] Yes
16. Are there any schools (K-12) within 1000 feet of the facility property line? [X] No [] 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: [Handwritten Signature]
18. Title of Responsible Official: Plant Manager
19. I wish to review the permit prior to issuance. (This may cause a delay in the application process.) [X] Yes [] No
20. Print Name: Wahid Saadat
21. Date: 2/12/11
22. Do you claim confidentiality of data? (If Yes, see instructions.) [] No [X] Yes

23. Check List: [X] Authorized Signature/Date [X] Form 400-CEQA [X] Supplemental Form(s) (ie., Form 400-E-xx) [X] Fees Enclosed
AQMD USE ONLY APPLICATION TRACKING CHECK # AMOUNT RECEIVED PAYMENT TRACKING # VALIDATION
532099144 41110 \$ 9480/90 02/17/12
DATE APP DATE APP CLASS BASIC EQUIPMENT CATEGORY CODE TEAM ENGINEER REASON/ACTION TAKEN
REJ REJ I III CONTROL

(99746)

2/15



South Coast Air Quality Management District
Form 500-A2
Title V Application Certification

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):
 Arlon Graphics LLC
2. **Valid AQMD Facility ID** (Available On Permit Or Invoice Issued By AQMD):
 167066
3. **This Certification is submitted with a** (Check one):
 a. 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?** 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. 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. 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. 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. 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: 	2. Title of Responsible Official: Plant Manager
3. Print Name: Wahid Saadat	4. Date: 2/10/12
5. Phone #: (714) 431-4253	6. Fax #: (714) 431-4305
7. Address of Responsible Official: 2811 South Harbor Blvd. Santa Ana CA 92704	
Street #	City State Zip

Acid Rain Facilities Only: Please Complete Section IV

SCAQMD PERMIT PROCESSING SYSTEM (PPS)

FEE DATA - SUMMARY SHEET

42

Application No : 532299

IRS/SS No:

Previous Application No:

Previous Permit No:

Company Name : ARLON GRAPHICS L.L.C.

Facility ID: 167066

Equipment Street: 2811 S HARBOR BLVD , SANTA ANA CA 92704

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 : 01

Deemed Compl. Date: 3/15/2012

Public Notice: NO

Evaluation Type : RECLAIM/Title V DE MINIMIS 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		
Source Test Review	Hours: 0.00		
Time & Material	Hours: 0.00		
		Total Additional Fee:	\$0.00
		Additional Charge:	\$0.00

COMMENTS:

RECOMMENDED BY: RENE E LOOF

DATE: 05/24/2012

REVIEWED BY: 

DATE: 7-10-12

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



South Coast Air Quality Management District



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

July 10, 2012

Mr. Robert Nicholson
Facilities Engineering Manager
Arlon Graphics LLC
2811 South Harbor Blvd.
Santa Ana, CA 92704

SUBJECT: Title V Facility Permit Revision (Facility ID: 167066)

Dear Mr. Nicholson:

Please find attached the revised Title Page, Table of Contents, Section D, and Section H of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the permit revision requested in your Application No. 532299. The proposed permit revision was submitted to EPA for 45-day review on May 24, 2012. This permit revision includes the addition and modification of the equipment listed in Attachment 1.

Please review the attached sections carefully. Insert the attached sections into your Facility Permit and discard the earlier versions. Questions concerning changes to your permit should be directed to Mr. Rene Loof at (909) 396-2544.

Sincerely,

Brian Yeh
Senior Manager
Coating, Printing, Plating, Military
& Entertainment Operations

coverletter

Attachments

cc: Gerardo Rios, EPA Region IX

Attachment 1

Equipment	Application No.	Device ID	Permit Type
Coating and Drying Line No.4	532298	D30, D31	P/C
Prime Coating and Drying Line No.1	532300	D26, D27	P/O
Regenerative Thermal Oxidizer	532302	C4	P/C
Regenerative Thermal Oxidizer, new	534234	C28	P/C
Solvent Still	536826	D17	P/C
Drum Cleaner	536828	D16	P/C
Coating and Drying Line No.C2	536829	D13, D2	P/C
Coating and Drying Line No.C3	536831	D14, D3, D25	P/C



FACILITY PERMIT TO OPERATE

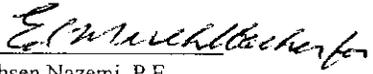
**ARLON GRAPHICS L.L.C.
2811 S HARBOR BLVD
SANTA ANA, CA 92704**

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



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	1	02/04/2012
B	RECLAIM Annual Emission Allocation	2	02/04/2012
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	3	07/10/2012
E	Administrative Conditions	1	02/04/2012
F	RECLAIM Monitoring and Source Testing Requirements	1	02/04/2012
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	1	02/04/2012
H	Permit To Construct and Temporary Permit to Operate	2	07/10/2012
I	Compliance Plans & Schedules	1	02/04/2012
J	Air Toxics	1	02/04/2012
K	Title V Administration	1	02/04/2012
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	1	02/04/2012
B	Rule Emission Limits	1	02/04/2012

**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

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: FILM COATING					
System 1: Prime Coating No. 1					
COATER, PRIME COATING LINE NO. 1, GRAUSTEL, GRAVURE ROLLER COATER WITH TWO 2 H.P. DRIVES A/N: 532300	D26			HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.3, C1.3, H23.1
OVEN, RADIANT ENERGY, PRIME COATING LINE # 1, 5 FT 8 IN W X 5 FT 4 IN L X 1 FT 4 IN H., 77.5 KW INFRARED HEATER WITH A 2 H.P. SUPPLY BLOWER AND A 2 H.P. EXHAUST BLOWER A/N: 532300	D27			PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
System 2: Coating Line C2					
COATER, ROLL, COATING LINE NO. 2 (C2), GOWEN, MODEL NO. CK60, KNIFE-OVER-ROLL TYPE A/N:	D13	C4		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
OVEN, COATING, COATING LINE NO. 2 (C2), MODEL BZ, NATURAL GAS, 7 FT - 5 IN W. X 80 FT L. X 6 FT H., THREE ZONES, 4.5 MMBTU/HR A/N:	D2	C4	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	C6.1, H23.1
System 3: Coating Line C3					
COATER, ROLL, COATING LINE NO. 3 (C3) A/N:	D14	C4		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	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
ARLON GRAPHICS L.L.C.**

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: FILM COATING					
OVEN, COATING, COATING LINE NO. 3 (C3), FAUSTEL, NATURAL GAS, 8 FT W. X 100 FT L. X 4 FT. H., 5 MMBTU/HR A/N:	D3	C4	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	H23.1
PRESS, FLEXOGRAPHIC, WOLVERINE, MODEL NO. 66-1, 66 INCH WEB WIDTH A/N:	D25	C4		VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.2, H23.1
System 5: Drum Cleaning					
CLEANER, NO. 1, DRUM, CB MILLS, RED HEAD TW-300 SERIES A/N:	D16	C4		VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1, K67.3
STILL, SOLVENT RECOVERY, C. B. MILLS, MODEL NO. RED-HEAD RHS-30, WIDTH: 6 FT 10 IN; LENGTH: 6 FT 2 IN; HEIGHT: 9 FT 7 IN; 30 KW A/N:	D17				B59.1, C1.2, C8.3, K67.5
System 6: Air Pollution Control					
AFTERBURNER, HOT ROCK, PRIMARY, SMITH, MODEL AB25HX90E1965, NATURAL GAS, 8 MMBTU/HR A/N:	C4	D2 D3 D13 D14 D16 D25	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A72.1, A72.2, C6.3, D29.1, E193.1
Process 2: MIXING OF VINYL COATING					

* (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
ARLON GRAPHICS L.L.C.**

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: MIXING OF VINYL COATING					
MIXER, BOOTH, SPRAYKING, MODEL NO. 01-10128, S/N 1216-0, PAINT, SOLVENT, VINYL CHLORIDE, 10FT-10 IN W. X 12 FT H. X 8 FT-7 IN D., EIGHTEEN 20" X 20" X2" FILTERS A/N: 519560	D6			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	C6.2, D322.1, E175.1, H23.2, K67.1, K67.3
MIXER, BOOTH, 13 FT 9 IN W. X 12 FT H. X 8 FT 7 IN D., PAINT, SOLVENT, VINYL CHLORIDE, TWENTY-FOUR 20" X 20" X 2" FILTERS, 3 H.P. EXHAUST FAN A/N: 519559	D7			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	C6.2, D322.1, E175.1, H23.2, K67.1, K67.3
Process 5: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULE					
System 1:					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E19			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 6-3-2011; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.2
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E20			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
RULE 219 EXEMPT EQUIPMENT, HEATER, >1 MMBTU/HR <2 MMBTU/HR	E21			CO: 400 PPMV (5A) [RULE 1146.2, 5-5-2006]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <53 FT3, WITH DUST FILTER	E22			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D322.2, D381.1, E102.1, K67.4

- * (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
 ARLON GRAPHICS L.L.C.**

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: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULE					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E24			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.3

* (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
ARLON GRAPHICS L.L.C.**

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
ARLON GRAPHICS L.L.C.**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D2	1	1	2
D3	2	1	3
C4	2	1	6
D6	3	2	0
D7	3	2	0
D13	1	1	2
D14	1	1	3
D16	2	1	5
D17	2	1	5
E19	3	5	1
E20	3	5	1
E21	3	5	1
E22	3	5	1
E24	4	5	1
D25	2	1	3
D26	1	1	1
D27	1	1	1



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

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
VOC	Less than or equal to 931 LBS IN ANY ONE DAY

In addition to the record keeping requirements of Rule 109, the operator shall keep adequate records for each VOC emitting equipment to verify daily VOC emissions in pounds, daily VOC-containing material usage in gallons, and VOC content of each material as applied (including water and exempt compounds).

For the equipment that is vented to the air pollution control (APC) system, the VOC emissions shall be calculated using the required overall control efficiency specified in the permit for the APC system.

The operator shall total and record VOC emissions for the day from all the VOC emitting equipment covered by this daily VOC emission limit. The records shall include any procedures used to account for waste disposal.

All records required by this permit shall be prepared in a format which is acceptable to the District, shall be retained at the facility for five years, and shall be made available to any District representative upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]



FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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, 3-2-1984; RULE 401, 11-9-2001]

DEVICE CONDITIONS

A. Emission Limits

A72.1 The operator shall maintain this equipment to achieve a minimum capture efficiency of 100 percent for ROG during the normal operation of the equipment it vents.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4]

A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 98.5 percent for ROG during the normal operation of the equipment it vents.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4]



FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of August 18, 2000 or earlier, except methyl ethyl ketone and xylene.

[RULE 1401, 8-18-2000]

[Devices subject to this condition : D17]

B59.2 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier, except proplene glycol monomethyl ether (CAS # 107-98-2), ethylene glycol monobutyl ether (CAS # 111-76-2) and sodium hydroxide (CAS # 1310-73-2).

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D25]

B59.3 The operator shall not use the following material(s) in this device :



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Materials containing Volatile Organic Compounds (VOC) exceeding 5 percent by weight.

Clean-up materials containing VOC.

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of September 10, 2010 or earlier, except triethylamine (CAS # 121-44-8).

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D26]

C. Throughput or Operating Parameter Limits

C1.2 The operator shall limit the material processed to no more than 3120 gallon(s) per month.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D17]

C1.3 The operator shall limit the material processed to no more than 580 lb(s) in any one calendar month.

For the purpose of this condition, material processed shall be defined as triethylamine applied in this equipment.

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D26]



FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 450 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the oven.

[**RULE 1303(a)(1)-BACT, 5-10-1996**]

[Devices subject to this condition : D2]

C6.2 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the filter.

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

[Devices subject to this condition : D6, D7]

C6.3 The operator shall use this equipment in such a manner that the flow being monitored, as indicated below, does not exceed 25000 CFM.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the afterburner.

[**RULE 1303(a)(1)-BACT, 5-10-1996**]

[Devices subject to this condition : C4]

C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 15 Deg F.



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the condensate outlet leaving the condenser.

The operator shall maintain the condensate outlet temperature leaving the condenser to be at least 15 deg F below the boiling point of the solvent being recovered.

The operator shall maintain safety interlocks at the condenser to shut down the equipment in the event of excessive condensate temperature.

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

[RULE 1303(a)(1)-BACT, 5-10-1996]

{Devices subject to this condition : D17}

D. Monitoring/Testing Requirements

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
VOC	Approved District method	1 hour	Simultaneous inlet and outlet



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The test(s) shall be conducted at least once every five years.

The test shall be conducted no later than February 4, 2016 unless otherwise approved in writing by the District.

The test shall be conducted to demonstrate compliance with all applicable permit conditions, Rules and Regulations.

The source test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in the permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos. 8, 9, and 10 of Section E of this facility permit.

The operator shall submit two complete copies of the source test report specified in condition No. 9 of Section E of this facility permit to the District Engineering and Compliance Division.

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

[Devices subject to this condition : C4]

D322.1 The operator shall perform a weekly inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[Devices subject to this condition : D6, D7]



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D322.2 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[Devices subject to this condition : E22]

D381.1 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 an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine 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, the operator shall 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.

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; and
- 3). Date and time visible emission was abated.

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

[Devices subject to this condition : E22]

E. Equipment Operation/Construction Requirements



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

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

[Devices subject to this condition : E22]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 481, 1-11-2002]

[Devices subject to this condition : D6, D7]

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



FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The combustion chamber temperature shall be maintained at a minimum of 1,500 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a system shall have an accuracy of within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

For the purpose of this condition, a deviation shall be defined as when a combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the combustion chamber temperature at or above 1,500 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective action taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if an accumulation of deviations exceeds 5 percent duration of this equipment's total operating time for any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR Part 64.9 for a minimum of five years.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C4]

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	109

[RULE 109, 5-2-2003]

[Devices subject to this condition : D2, D3, D13, D14, D16, E20, D25, D26, D27]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
VOC	District Rule	442



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 109, 5-2-2003; RULE 442, 12-15-2000]

[Devices subject to this condition : D6, D7]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122
VOC	District Rule	109

[RULE 109, 5-2-2003; RULE 1122, 10-1-2004; RULE 1122, 5-1-2009]

[Devices subject to this condition : E24]

K. Record Keeping/Reporting

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

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

weekly record of pressure drop across the filter media

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



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

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 : D6, D7]

K67.2 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.

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

[Devices subject to this condition : E19]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records of the daily solvent usage in this equipment shall be maintained for a period of at least five years after they are recorded and shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D6, D7, D16]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

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

[Devices subject to this condition : E22]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records to prove compliance with conditions No. C1.2 and B59.1. Such records shall be retained for at least five years and be made available to District personnel upon request

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D17]

**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

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 1: FILM COATING					
System 2: Coating Line C2					
COATER, ROLL, COATING LINE NO. (C2), GOWEN, MODEL NO. CK60, KNIFE-OVER-ROLL TYPE A/N: 536829 Permit to Construct Issued: 07/10/12	D13	C4 C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	H23.1
OVEN, COATING, COATING LINE NO. 2 (C2), MODEL BZ, NATURAL GAS, 7 FT - 5 IN W. X 80 FT L. X 6 FT H., THREE ZONES, WITH LOW NOX BURNER, 4.5 MMBTU/HR A/N: 536829 Permit to Construct Issued: 07/10/12	D2	C4 C28	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 3-16-2001]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	C6.1, H23.1
System 3: Coating Line C3					
COATER, ROLL, COATING LINE NO. (C3) A/N: 536831 Permit to Construct Issued: 07/10/12	D14	C4 C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	H23.1
OVEN, COATING, COATING LINE NO. 3 (C3), FAUSTEL, NATURAL GAS, 8 FT W. X 100 FT L. X 4 FT. H., WITH LOW NOX BURNER, 5 MMBTU/HR A/N: 536831 Permit to Construct Issued: 07/10/12	D3	C4 C28	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 3-16-2001]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	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
ARLON GRAPHICS L.L.C.**

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 1: FILM COATING					
PRESS, FLEXOGRAPHIC, WOLVERINE, MODEL NO. 66-1, 66 INCH WEB WIDTH A/N: 536831 Permit to Construct Issued: 07/10/12	D25	C4 C28		VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.2, H23.1
System 4: Coating Line No. 4					
COATER, ROLL, CASTING LINE NO. 4 (C4), FAUSTEL COATING HEAD, KNIFE-OVER-ROLL TYPE A/N: 532298 Permit to Construct Issued: 07/10/12	D30	C4 C28		HAP: (10) [40CFR 63 Subpart JJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.1, B59.4, H23.1
OVEN, COATING, COATING LINE NO. 4 (C4), ASI, MODEL C4E-7500-68-1/R-DGPJDS, NATURAL GAS, MAXON, OVENPAK LE, LOW NOX BURNER, 24FT W. X 72FT 10 IN L. X 7 FT H., WITH LOW NOX BURNER, 1.35 MMBTU/HR WITH A/N: 532298 Permit to Construct Issued: 07/10/12	D31	C4 C28	NOX: PROCESS UNIT**	CO: 100 PPMV NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	D29.3, H23.1
BURNER, MAXON, MODEL OVERPAK LE, WITH LOW NOX BURNER, 1.35 MMBTU/HR					
System 5: Drum Cleaning					

- * (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
ARLON GRAPHICS L.L.C.**

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 1: FILM COATING					
CLEANER, NO. 1, DRUM, CB MILLS, RED HEAD TW-300 SERIES A/N: 536828 Permit to Construct Issued: 07/10/12	D16	C4 C28		VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1, K67.3
STILL, SOLVENT RECOVERY, C. B. MILLS, MODEL NO. RED-HEAD RHS-30, WIDTH: 6 FT 10 IN; LENGTH: 6 FT 2 IN; HEIGHT: 9 FT 7 IN; 30 KW A/N: 536826 Permit to Construct Issued: 07/10/12	D17	C4 C28			B59.1, C1.2, C8.3, K67.5
System 6: Air Pollution Control					
AFTERBURNER, HOT ROCK, PRIMARY, SMITH, MODEL AB25HX90E1965, NATURAL GAS, 8 MMBTU/HR A/N: 532302 Permit to Construct Issued: 07/10/12	C4	D2 D3 D13 D14 D16 D17 D25 D30 D31	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A72.1, A72.2, C6.3, D29.1, E193.1, E448.1

* (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
ARLON GRAPHICS L.L.C.**

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
ARLON GRAPHICS L.L.C.**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D2	1	1	2
D3	1	1	3
C4	3	1	6
D13	1	1	2
D14	1	1	3
D16	3	1	5
D17	3	1	5
D25	2	1	3
C28	4	1	6
D30	2	1	4
D31	2	1	4



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

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
VOC	Less than or equal to 931 LBS IN ANY ONE DAY

In addition to the record keeping requirements of Rule 109, the operator shall keep adequate records for each VOC emitting equipment to verify daily VOC emissions in pounds, daily VOC-containing material usage in gallons, and VOC content of each material as applied (including water and exempt compounds).

For the equipment that is vented to the air pollution control (APC) system, the VOC emissions shall be calculated using the required overall control efficiency specified in the permit for the APC system.

The operator shall total and record VOC emissions for the day from all the VOC emitting equipment covered by this daily VOC emission limit. The records shall include any procedures used to account for waste disposal.

All records required by this permit shall be prepared in a format which is acceptable to the District, shall be retained at the facility for five years, and shall be made available to any District representative upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

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, 3-2-1984; RULE 401, 11-9-2001]

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 900 LBS IN ANY ONE MONTH

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D30]

A72.1 The operator shall maintain this equipment to achieve a minimum capture efficiency of 100 percent for ROG during the normal operation of the equipment it vents.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4, C28]

A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 98.5 percent for ROG during the normal operation of the equipment it vents.



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4, C28]

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of August 18, 2000 or earlier, except methyl ethyl ketone and xylene.

[RULE 1401, 8-18-2000]

[Devices subject to this condition : D17]

B59.2 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier, except proplene glycol monomethyl ether (CAS # 107-98-2), ethylene glycol monobutyl ether (CAS # 111-76-2) and sodium hydroxide (CAS # 1310-73-2).

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D25]

B59.4 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of Sept 10, 2010 or earlier, except Ethylbenzene (CAS# 100-41-4), Xylene(CAS#1330-20-7), Toluene (CAS#108-88-3), Glycol Ethers (CAS#111-76-2, 110-80-5), Isopropyl Alcohol(CAS# 67-63-0) and Methyl Ethyl Ketone (CAS# 78-93-3)



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D30]

C. Throughput or Operating Parameter Limits

C1.2 The operator shall limit the material processed to no more than 3120 gallon(s) per month.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D17]

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 450 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the oven.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2]

C6.3 The operator shall use this equipment in such a manner that the flow being monitored, as indicated below, does not exceed 25000 CFM.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the afterburner.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4]

C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 15 Deg F.



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the condensate outlet leaving the condenser.

The operator shall maintain the condensate outlet temperature leaving the condenser to be at least 15 deg F below the boiling point of the solvent being recovered.

The operator shall maintain safety interlocks at the condenser to shut down the equipment in the event of excessive condensate temperature.

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

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D17]

D. Monitoring/Testing Requirements

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
VOC	Approved District method	1 hour	Simultaneous inlet and outlet



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test(s) shall be conducted at least once every five years.

The test shall be conducted no later than February 4, 2016 unless otherwise approved in writing by the District.

The test shall be conducted to demonstrate compliance with all applicable permit conditions, Rules and Regulations.

The source test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in the permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos. 8, 9, and 10 of Section E of this facility permit.

The operator shall submit two complete copies of the source test report specified in condition No. 9 of Section E of this facility permit to the District Engineering and Compliance Division.

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

[Devices subject to this condition : C4, C28]

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	Test Location
VOC	Approved District method	District-approved averaging time	Simultaneous inlet and outlet
NOX emissions	Approved District method	District-approved averaging time	Outlet



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

CO emissions | Approved District method | District-approved averaging time | Outlet



FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted to verify that the Permanent Total Enclosures (PTE) comply with the requirements under EPA method 204.

The test shall be conducted at the inlet and the exhaust of the RTO for (1) VOC in PPMV and lbs/hr. (2) NO_x emissions during startup and normal operation in PPMV and lbs/hr (exhaust only). (3) CO emissions during startup and normal operation in PPMV and lbs/hr (exhaust only). (4) VOC destruction efficiency. (5) VOC collection efficiency. (6) Usage of all VOC-containing materials during the test. (7) Oxygen content. (8) Moisture content. (9) Flow rate. (10) Temperature.

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with applicable permit conditions, Rules and Regulations.

The test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in this permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos 8, 9, and 10 of section E of this permit.

The operator shall submit two complete copies of the source test report specified



FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

in condition no. 9 of section E of this facility permit to the District Engineering and Compliance Division.

[RULE 1128, 3-8-1996; RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a), 12-6-2002]

[Devices subject to this condition : C28]

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

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



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted at the the exhaust of the oven for (1) NOx emissions during normal operation in PPMV and lbs/hr . (2) CO emissions during normal operation in PPMV and lbs/hr. (3) Oxygen content. (4) Moisture content. (5) Flow rate. (6) Temperature.

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with applicable permit conditions, Rules and Regulations.

The operator shall submit two complete copies of the source test report to the District Engineering and Compliance Division.

[RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a), 12-6-2002]

[Devices subject to this condition : D31]

E. Equipment Operation/Construction Requirements

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



FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The combustion chamber temperature shall be maintained at a minimum of 1,500 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a system shall have an accuracy of within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

For the purpose of this condition, a deviation shall be defined as when a combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the combustion chamber temperature at or above 1,500 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective action taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if an accumulation of deviations exceeds 5 percent duration of this equipment's total operating time for any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR Part 64.9 for a minimum of five years.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C4, C28]

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

Oxidizer C4 shall vent only two of the three coating lines during operation

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C4]

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	109

[RULE 109, 5-2-2003]

[Devices subject to this condition : D2, D3, D13, D14, D16, D25, D30, D31]

K. Record Keeping/Reporting



**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records of the daily solvent usage in this equipment shall be maintained for a period of at least five years after they are recorded and shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D16]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records to prove compliance with conditions No. C1.2 and B59.1. Such records shall be retained for at least five years and be made available to District personnel upon request

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D17]

N S R D A T A S U M M A R Y S H E E T

Application No: 532299
Application Type: RECLAIM/Title V De minimis Significant Permit Revi
Application Status: PENDAPPRV
Previous Apps,Dev,Permit #: NONE

Company Name: ARLON GRAPHICS L.L.C.
Company ID: 167066
Address: 2811 S HARBOR BLVD,SANTA ANA, CA 92704-58
RECLAIM: NOX
RECLAIM Zone: 01
Air Basin: SC
Zone: 01
Title V: YES

Device ID: 0 -
Estimated Completion Date: 06-01-2012
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: 7
Monday Operating Hours: 00:00 to 24:00
Tuesday Operating Hours: 00:00 to 24:00
Wednesday Operating Hours: 00:00 to 24:00
Thursday Operating Hours: 00:00 to 24:00
Friday Operating Hours: 00:00 to 24:00
Saturday Operating Hours: 00:00 to 24:00
Sunday Operating Hours: 00:00 to 24:00

Emittant: ROG
BACT:
Cost Effectiveness: NO
Source Type: MINOR
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: 7.10.12

Processed By: renel 5/24/2012 2:42:06 PM



South Coast Air Quality Management District



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

May 24, 2012

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

Dear Mr. Rios:

Arlon Graphics, LLC (ID 167066), has proposed to revise their Title V permit by adding a new film coating line and a regenerative thermal oxidizer; modifying two existing film coating lines, a thermal oxidizer, a drum cleaner, and a solvent still; and changing the permit conditions for a prime coating line. This is a paper and film adhesive coating facility (SIC 2672) located at 2811 South Harbor Blvd., Santa Ana, CA 92704. This proposed permit revision as requested under Application No. 532299 is considered as a “de minimis significant permit revision” to their Title V permit. Attached for your review are the permit evaluation and draft permit for the proposed permit revision. With your receipt of the proposed Title V permit revision today, we will note that the EPA 45-day review period will begin on May 24, 2012.

If you have any questions or need additional information regarding the proposed permit revision, please call Hamed Mandilawi at (909) 396-3275.

Very truly yours,

Brian Yeh
Senior Manager
Coating, Printing, Plating, Military
& Entertainment Operations

coverletter

Attachments

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	1
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

APPLICANT'S NAME: ARLON GRAPHICS LLC
FACILITY PERMIT ID# 167066
CONTACT PERSON: Robert Nicholson
MAILING ADDRESS: 2811 South Harbor Blvd.
 Santa Ana, CA 92704
EQUIPMENT ADDRESS: Same

Title V/RECLAIM Permit Revision:
 Application No. 532299

**PERMIT TO CONSTRUCT
 NEW CONSTRUCTION**

Equipment Description:

PROCESS 1: FILM COATING					
System 6: Air Pollution Control					
Equipment	Device ID	Connected To	Source Type/ Monitoring Unit	Emissions	Equipment Specific Conditions
REGENERATIVE THERMAL OXIDIZER, ADWEST TECHNOLOGIES, MODEL RETOX 50.0 RTO97 RTO, NATURAL GAS FIRED, WITH 7500 CFH NATURAL GAS INJECTION, 14.45 MMBTU/HR START-UP BURNER BURNER, MAXON KINEDIZER LE, LOW-NOX BURNER, 14.45 MMBTU/HR Reference A/N 534234	C-28	D2, D3, D13, D14, D16, D17, D25, D30, D31,	NOX: LARGE UNIT	NOX: 30 PPMV NATURAL GAS (3) [RULE 2012, 2072, 5-6-2005] NOX:30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005] CO: 2000 PPMV (5); [RULE 407, 4-2-1982]; CO: 100 PPMV NATURAL GAS (4) [RULE 1303 (a)(1)-BACT, 12-06-02]; PM: 0.1 GRAINS/SCF (5)[RULE 409, 8-7-1981] PM:(9) [RULE 404, 2-7-1986]	A72.1, A72.2, D29.1, D29.2, E193.1, E448.2
AFTERBURNER, HOT ROCK, PRIMARY, SMITH, MODEL AB25HX90E1965, NATURAL GAS, 8 MMBTU/HR Reference A/N: 549602532302	C4	D2, D3, D13, D14, D16, D17, D25, D30, D31	NOx: PROCESS UNIT	CO: 2000 PPMV (5) RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A72.1, A72.2, C6.3, D29.1, E193.1, E448.1, E448.2

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	2
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

FACILITY WIDE CONDITIONS:

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

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 931 lbs in any one day

In addition to the record keeping requirements of Rule 109, the operator shall keep adequate records for each VOC emitting equipment to verify daily VOC emissions in pounds, daily VOC-containing material usage in gallons, and VOC content of each material as applied (including water and exempt compounds).

For the equipment that is vented to the air pollution control (APC) system, the VOC emissions shall be calculated using the required overall control efficiency specified in the permit for the APC system.

The operator shall total and record VOC emissions for the day from all the VOC emitting equipment covered by this daily VOC emission limit. The records shall include any procedures used to account for waste disposal.

All records required by this permit shall be prepared in a format which is acceptable to the District, shall be retained at the facility for five years, and shall be made available to any District representative upon request.

Conditions:

A72.1 The operator shall maintain this equipment to achieve a minimum capture efficiency of 100 percent for ROG during the normal operation of the equipment it vents.

A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 98.5 percent for ROG during the normal operation of the equipment it vents.

Existing RTO C4

C6.3 The operator shall use this equipment in such a manner that the flow being monitored, as indicated below, does not exceed 25000 CFM.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the afterburner.

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.:

Pollutants to Be tested	Required Test Method(s)	Averaging Time	Test Location
VOC	Approved District Method	District Approved Averaging time	Simultaneous inlet and outlet

The test(s) shall be conducted at least once every five years.
The test shall be conducted no later than February 4, 2016 unless otherwise

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	3
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

approved in writing by the District.

The test shall be conducted to demonstrate compliance with all applicable permit conditions, Rules and Regulations.

The source test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in the permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos. 8, 9, and 10 of Section E of this facility permit.

The operator shall submit two complete copies of the source test report specified in condition No. 9 of Section E of this facility permit to the District Engineering and Compliance Division.

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

Pollutants to Be tested	Required Test Method	Averaging Time	Test Location
VOC	Approved District Method	Approved District Averaging Time	Simultaneous inlet and Outlet
NOx	Approved District Method	Approved District Averaging Time	Outlet
CO	Approved District Method	Approved District Averaging Time	Outlet

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted to verify that the Permanent Total Enclosures (PTE) comply with the requirements under EPA method 204.

The test shall be conducted at the inlet and the exhaust of the RTO for (1) VOC in PPMV and lbs/hr. (2) NOx emissions during startup and normal operation in PPMV and lbs/hr (exhaust only). (3) CO emissions during startup and normal operation in PPMV and lbs/hr (exhaust only). (4) VOC destruction efficiency. (5) VOC collection efficiency. (6) Usage of all VOC-containing materials during the test. (7) Oxygen content. (8) Moisture content. (9) Flow rate. (10) Temperature.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	4
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with applicable permit conditions, Rules and Regulations.

The test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in this permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos 8, 9, and 10 of section E of this permit.

The operator shall submit two complete copies of the source test report specified in condition no. 9 of section E of this facility permit to the District Engineering and Compliance Division.

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

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

The combustion chamber temperature shall be maintained at a minimum of 1,500 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a system shall have an accuracy of within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

For the purpose of this condition, a deviation shall be defined as when a combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the combustion chamber temperature at or above 1,500 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective action taken.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	5
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

All deviations shall be reported to the AQMD pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if an accumulation of deviations exceeds 5 percent duration of this equipment's total operating time for any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR Part 64.9 for a minimum of five years.

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

Oxidizer C4 shall vent only two of the three coating lines during operation.

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

Oxidizers C28 & C4 shall not be operated simultaneously

**PERMIT TO CONSTRUCT
NEW CONSTRUCTION**

Equipment Description:

PROCESS 1: FILM COATING					
System 4: Coating line C4					
Equipment	Device ID	Connected To	Source Type/ Monitoring Unit	Emissions	Equipment Specific Conditions
COATER, CASTING LINE NO. 4(C4), FAUSTEL COATING HEAD, KNIFE-OVER-ROLL TYPE Reference A/N 532298	D30	C4, C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.1, B59.4, H23.1
OVEN, COATING, COATING LINE NO. 4(C4), ASI, NATURAL GAS FIRED, WITH A 1.35 MMBTU MAXON, OVENPAK LE, LOW NOX BURNER, 24FT W. X 72FT10IN L. X 7FT H.	D31	C4, C28	NOx: PROCESS UNIT	NOX:30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005] NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; CO: 100 PPMV NATURAL GAS (4) [RULE 1303 (a)(1)-	D29.3, H23.1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	6
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Reference A/N 532298				BACT, 12-06-02; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981] PM:(9) [RULE 404, 2-7-1986]	
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Conditions:

A63.1 The operator shall limit the emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT		
VOC	LESS THAN	900	LBS IN ANY ONE MONTH

B59.4 The operator shall not use the following materials in this device:

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of Sept 10, 2010 or earlier, except Ethylbenzene (CAS# 100-41-4), Xylene(CAS#1330-20-7), Toluene (CAS#108-88-3), Glycol Ethers (CAS#111-76-2, 110-80-5), Isopropyl Alcohol(CAS# 67-63-0) and Methyl Ethyl Ketone (CAS# 78-93-3)

D29.3 The operator shall conduct source test(s) for the pollutants(s) identified below.

POLLUTANT(S) TO BE TESTED	REQUIRED TEST METHOD(S)	AVERAGING TIME	TEST LOCATION
NOX EMISSIONS	APPROVED DISTRICT METHOD	DISTRICT-APPROVED AVERAGING TIME	OUTLET
CO EMISSIONS	APPROVED DISTRICT METHOD	DISTRICT-APPROVED AVERAGING TIME	OUTLET

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted at the the exhaust of the oven for (1) NOx emissions during normal operation in PPMV and lbs/hr . (2) CO emissions during normal operation in PPMV and lbs/hr. (3) Oxygen content. (4) Moisture content. (5) Flow rate. (6) Temperature.

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

PAGES	PAGE
24	7
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

The test shall be conducted to demonstrate compliance with applicable permit conditions, Rules and Regulations.

The operator shall submit two complete copies of the source test report to the District Engineering and Compliance Division.

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

**PERMIT TO CONSTRUCT
MODIFICATION**

Equipment Description:

PROCESS 1: FILM COATING					
System 5: Drum Cleaning					
Equipment	Device ID	Connected To	Source Type/ Monitoring Unit	Emissions	Equipment Specific Conditions
CLEANER NO. 1, DRUM, C.B. MILLS, RED HEAD TW-300 SERIES Reference A/N 519556536828	D16	C4, C28		VOC:(9){Rule 1171, 11-7-2003; Rule 1171, 5-1-2009}	H23.1, K67.3
STILL, SOLVENT RECOVERY, C. B. MILLS, MODEL NO. RED-HEAD RHS-30, WIDTH: 6 FT 10 IN; LENGTH: 6 FT 2 IN; HEIGHT: 9 FT 7 IN; 30 KW Reference A/N 519558536826	D17	C4, C28			B59.1, C1.2, C8.3, K67.5

Conditions:

B59.1 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of August 18, 2000 or earlier, except methyl ethyl ketone and xylene.

C1.2 The operator shall limit the material processed to no more than 3120 gallon(s) per month.

C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 15 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the condensate

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	8
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

outlet leaving the condenser.

The operator shall maintain the condensate outlet temperature leaving the condenser to be at least 15 deg F below the boiling point of the solvent being recovered.

The operator shall maintain safety interlocks at the condenser to shut down the equipment in the event of excessive condensate temperature.

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

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

K67.3 operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records of daily solvent usage in this equipment shall be maintained for a period of at least five years after they are recorded and shall be made available to District personnel upon request.

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records to prove compliance with conditions No. C1.2 and B59.1. Such records shall be retained for at least five years and be made available to District personnel upon request.

**PERMIT TO OPERATE
CHANGE OF CONDITIONS**

Equipment Description:

PROCESS 1: FILM COATING					
System 1: Prime Coating No. 1					
Equipment	Device ID	Connected To	Source Type/ Monitoring Unit	Emissions	Equipment Specific Conditions
COATER, PRIME COATING LINE NO.1, FAUSTEL, GRAVURE ROLLER COATER WITH TWO 2 H.P. DRIVES Reference A/N: 524696532300	D26			HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.3, C1.3, H23.1
OVEN, RADIAN ENERGY, PRIME COATING LINE # 1, 5 FT 8 IN W X 5 FT 4 IN L X 1 FT 4 IN H., 77.5 KW INFRARED HEATER WITH A 2 H.P.	D27			PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	9
APPL. NO.	DATE
see below	05/18/12
PRCSO BY	CHCKD BY
REL	

SUPPLY BLOWER AND A 2H.P. EXHAUST BLOWER					
Reference A/N: 524696532300					

Conditions:

B59.3 The operator shall not use the following material(s) in this device :

Materials containing Volatile Organic Compounds (VOC) exceeding 5 percent by weight.

Clean-up materials containing VOC.

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of September 10, 2010 or earlier, except the following: Materials with maximum triethylamine (CAS # 121-44-8) content of 0.035 pounds per gallon.

C1.3 The operator shall limit the material processed to no more than 46,560 gallon(s) 580 pounds in any one calendar month.

For the purpose of this condition, material processed shall be defined as material ~~containing~~ triethylamine applied in this equipment.

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

**ADMIN CHANGE P/C
EXHAUST MODIFICATION
Add Connection**

Equipment Description:

PROCESS 1: FILM COATING					
System 2: Coating line C2					
Equipment	Device ID	Connected To	Source Type/ Monitoring Unit	Emissions	Equipment Specific Conditions
COATER, ROLL, COATING LINE NO.2 (C2), GOWEN, MODEL NO. CK60, KNIFE-OVER-ROLL TYPE Reference A/N 519554532829	D13	C4, C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
OVEN, COATING, COATING LINE NO. 2 (C2), MODEL BZ, NATURAL GAS, 7 FT - 5 IN W. X 80 FT L. X 6 FT H., THREE ZONES, 4.5 MMBTU/HR	D2	C4, C28	NOx: PROCESS UNIT	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOx: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005];	C6.1, H23.1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	10
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Reference A/N 519554532829				PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]
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Conditions:

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 450 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the oven.

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

**ADMIN CHANGE P/C
EXHAUST MODIFICATION
Add Connection**

Equipment Description:

PROCESS 1: FILM COATING					
System 3: Coating line C3					
Equipment	Device ID	Connected To	Source Type/ Monitoring Unit	Emissions	Equipment Specific Conditions
COATER, ROLL, COATING LINE NO. 3 (C3) Reference A/N 519561536831	D14	C4, C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
OVEN, COATING, COATING LINE NO. 3 (C3), FAUSTEL, NATURAL GAS, 8 FT W. X 100 FT L. X 4 FT. H., 5 MMBTU/HR Reference A/N 519561536831	D3	C4, C28	NOx: PROCESS UNIT	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	H23.1
PRESS, FLEXOGRAPHIC, WOLVERINE, MODEL NO. 66-1, 66 INCH WEB WIDTH Reference A/N 519561536831	D25	C4, C28		VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.2, H23.1

Conditions:

B59.2 The operator shall not use the following material(s) in this device :

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	11
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier, except proplene glycol monomethyl ether (CAS # 107-98-2), ethylene glycol monobutyl ether (CAS # 111-76-2) and sodium hydroxide (CAS # 1310-73-2).

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

Background:

Arlon Graphics LLC submitted nine applications to make the following changes to their operations;

Application 532299 was submitted on 2/14/2012 to revise the RECLAIM/Title V facility permit.

Application 532300 was submitted at the same time to change the way triethylamine usage is reported in condition C1.3 under device D26 from a gallons material used per month to pounds of triethylamine used per month. The change will not cause an increase in the amount of triethylamine used. It is simply a different way of recording the amount used.

Application 532302 was submitted to modify the existing afterburner, device C4. Device C4 currently vents coating lines C2, C3, and the drum cleaner. The applicant is proposing to vent the new coating line C4 to a the afterburner and limit the venting so that afterburner C4 will only be allowed to vent any two of the three coating lines when in operation.

Application 532298 was submitted to add a new vinyl film coating line no. C4, devices D30 & D31.

Application 534234 was submitted on 3/21/2012 to add a new RTO, device C28, which will have the capacity to vent all the existing equipment currently vented to afterburner C4 (line C2 devices D13, D2, line C3, devices D14, D3, D25, Drum cleaner D16) plus the new coating line under device D30 & D31 and the solvent still under D17.

Application 536829(Previous a/n 519554) Line C2, Application 536831(Previous a/n 519561) Line C3 and Application 536828 (Previous a/n 519556) Drum cleaner were submitted on 05/04/2012 as an admin change to connect coating lines C2, C3 and drum cleaner D16 to the new RTO, C28. These lines and drum cleaner are currently vented to control device C4. The facility would like to use control device C4 as a back-up to control device C28 so that C4 will be able to vent any two coating lines C2, C3 or C4(new). Therefore, all operations vented by control device C4 will be connected to both control devices C4 and C28, with C28 being the primary control device.

Application 536826(previous a/n 519558) was submitted on 05/04/2012 as a modification to vent the existing solvent still to the new RTO C28

All operations are conducted within a Permanent Total Enclosure(PTE).

PAGES	PAGE
24	12
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

There are no notices of violation, notices to comply or complaints issued against this facility over the past two years as of May 23, 2012.

This is a RECLAIM /Title V facility. The proposed project is considered as a "de minimus" significant permit revision to this facility title V permit.

Thermal Oxidizer device C28, Capacity Evaluation: a/n 534234

Burner Capacity Check

Check list

1. Combustion Chamber Temperature – 1500⁰f
2. Combustion Chamber dimensions – 49in H x 636in L x 153in W – 2759.31 cuft
3. Combustion Chamber inlet temperature – 425⁰F
4. Exhaust temperature 195⁰F
5. Inlet Combustion flow rate 57,500 scfm
6. Start-up burner @ 14.45 mmbtu/hr
7. Natural gas injection rate 7500 cfh – 7.50 mmbtu/hr
8. VOC inlet estimated lbs/hr – 109 lbs/hr

Inlet CFM = 57,500 ft³/min

Inlet Temp. - 70⁰F

Outlet Temp - 195⁰F

Combustion Temp - 1500⁰F

% Heat Recovery:

$$\frac{(1500F - 195^0F)(100)}{(1500F - 70^0F)} = 91.25\%$$

Inlet Air Temp. - 1500F(0.9125) = 1367F

Enthalpy @ 1500⁰F = 28.24btu/scf (Table D4, Appendix D, AP40)

1450⁰F = 25.63 btu/scf (Table D4, Appendix D, AP40)

Net Enthalpy = 2.61 BTU/scf (28.24-25.63)

Total Exhaust Flow Rate = 57,500 scfm

Net Heat (Q_{net})

$$= (57,500 \text{ ft}^3/\text{min})(60\text{min}/\text{hr})(2.61\text{BTU}/\text{scf}) = 9,004,500 \text{ BTU}/\text{hr}$$

The start-up burner has a 14.45mmbtu/hr capacity which will be sufficient heat the RTO

$$= 9,004,500 \text{ btu}/\text{hr}/(1050 \text{ btu}/\text{cft}) = 8,575.7 \text{ cfh Nat gas input}$$

Retention Time Check

PAGES	PAGE
24	13
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

Volume of gases in RTO

Combustion Air;

$$(8,575.7 \text{ ft}^3 \text{ nat gas/hr})(10.36 \text{ ft}^3/\text{ft}^3 \text{ nat gas})/(60\text{min/hr}) = 1,480.7\text{ft}^3/\text{min}$$

Products of Combustion;

$$(8,575.7 \text{ ft}^3 \text{ nat gas/hr})(11.45 \text{ ft}^3/\text{ft}^3 \text{ nat gas})/(60\text{min/hr}) = 1,636.5\text{ft}^3/\text{min}$$

Total Volume of Gases through RTO

$$57,500 \text{ ft}^3/\text{min} - 1,480.7 \text{ ft}^3/\text{min} + 1,636.5 \text{ ft}^3/\text{min} = 57,655.8 \text{ ft}^3/\text{min}$$

Volume at 1500⁰F

$$(57,655.8\text{ft}^3/\text{min})(1960^0\text{R})/((60\text{sec}/\text{min})(520^0\text{R})) = 3,622.0 \text{ ft}^3/\text{sec}$$

Velocity through RTO;

$$(3,622.0 \text{ ft}^3/\text{sec})/(52.06\text{ft}^2) = 69.57 \text{ ft}/\text{sec}$$

Chamber length; 636in (53.0 ft)

Residence time

$$(53.0 \text{ ft})/(69.57 \text{ ft}/\text{sec}) = 0.760 \text{ sec}$$

Therefore, the minimum retention time of 0.3 sec is met.

Thermal Oxidizer device C4, Capacity Evaluation: a/n 532302

Device C4' exhaust is being modified to include D30 & D31 so that it may vent any two coating lines (C2, C3 & C4(new))in the event the new RTO is shut down. The existing afterburner has a limited exhaust capacity and is conditioned such that it may not exceed 25,000 scfm. It is also conditioned to meet a destruction efficiency of 98.5% and all coating operations vented to this device are operated within the permanent total enclosures(PTE).

Currently, coating line C2 and line C3 are operated within separate PTE's. Line C2 has a 10,800 scfm exhaust and line C3 has a 6,640 scfm. The PTEs have been verified under these current exhaust flows. The new coating line C4 will be constructed within the same PTE housing coating line C2. Coating line C4 has a venting requirement of 7,993 scfm. The total scfm will be 25,433 scfm. Since the new coating line C4 will be constructed within the same PTE as C2 and no change will be made to the PTE, the new RTO will have the exhaust capacity to vent all three lines, and continue to meet the PTE requirements originally established under the existing afterburner. The existing afterburner will be able to vent any two coating lines such as lines C2 & C3 with an exhaust capacity of 10,800scfm + 6,640scfm = 17,440 scfm. C2 and C4 will have an exhaust requirement of 10,800scfm + 7,993scfm = 18,793scfm. It would not be feasible for Arlon to vent all three lines through the existing afterburner since that would exceed its exhaust capacity though it would still maintain the PTEs, the VOC concentration could accumulate with the PTE causing a hazardous condition.

This device will be source tested to ensure its destruction efficiency and that all PTEs continue to comply with the requirements of EPA method 204, PTE determination.

Combustion Emissions:

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	14
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

The original Afterburner under application no. 519602 has an 8,000,000 btu/hr burner. This new RTO has a start-up burner of 14.45 mmbtu/hr with a natural gas injection rate of 7.50 mmbtu/hr. The new RTO is equipped with a low-nox burner which will emit less than 30 ppm NOx.

The previous afterburner was a direct flame which would have generated a substantial amount of NOx. The new RTO will have a reduced NOx concentration since the start-up burner is a low-nox burner.

Operating Schedule: 24hr/day, 7day/wk, 52 wk/yr

Existing Afterburner C4, a/n 532302

Burner Rating: 8,000,000 btu per hour

7.619x10E-3mmcuf/hr

Combustion Emissions

	Emission Factor	Hourly Emissions	Daily Emissions	Annual Emissions	30 day average*
	lbs/mmcft	lbs/hr	lbs/day	lbs/yr	lbs/day
ROG	7.0	0.0533	1.28	465.92	1.28
NOX	130	0.99	23.77	8,652.8	23.8
SOX	0.83	0.006	0.152	55.24	0.15
CO	35	0.267	6.4	2,329.6	6.4
PM10	7.5	0.0571	1.371	499.2	1.371

Start-up Operating Schedule: 5 hrs/day, 1day/month, 12 months/yr

New RTO C28, a/n 534234

Burner Rating: 14,450,000 btu per hour

1.376x10E-2mmcuf/hr

Combustion Emissions @ 5 hrs/day, 1day/week, 52 wk/yr

	Emission Factor	Hourly Emissions	Daily Emissions	(delta) 30 day average*
Start-up	lbs/mmcft	lbs/hr	lbs/day	lbs/day
ROG	7.0	0.0963	0.482	0.482
NOX	38.87	0.535	2.675	2.675
SOX	0.83	0.011	0.055	0.06
CO	35	0.48	2.4	2.4
PM10	7.5	0.103	0.515	0.52

Heat required to maintain 1500⁰F - 9,004,500 btu/hr

8.576E-03mmcuf/hr

Combustion Emissions

Start-up @ 5hrs/day

Normal operation @ 19 hrs/day

	Emission Factor	Hourly Emissions	Daily Start-up	Daily Normal	Total Startup/normal
	lbs/mmcft	lbs/hr	lbs/day	lbs/day	lbs/day
ROG	7.0	0.06	0.482	1.14	1.62
NOX	2.0 ppmv	0.83	2.675	15.77	18.45
SOX	0.83	0.007	0.055	0.135	0.19
CO	2.0 ppmv	0.509	2.4	9.67	12.07

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	15
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

PM10 7.5 0.064 0.515 1.22 1.74

Heat required to maintain 1500⁰F - 9,004,500 btu/hr

8.576E-03mmcuft/hr

Combustion Emissions

Normal operation @ 24 hrs/day

	Emission Factor	Hourly Emissions lbs/hr	Daily Maintenance lbs/day	Daily Start-up lbs/day
Start-up	lbs/mmcf	lbs/hr	lbs/day	lbs/day
ROG	7.0	0.06	1.44	1.62
NOX	2.0	0.83	19.92	18.45
SOX	0.83	0.007	0.171	0.19
CO	2.0	0.509	12.22	12.07
PM10	7.5	0.064	1.54	1.74

Nox	normal Operation	0.83	17.76	6,464.6	17.76
CO	normal Operation	0.51	17.76	6,464.6	17.76

Actual emissions will be determined by source test.

Nox/CO emissions during normal operation has been shown to be approximately 2.0 ppm.

Exhaust flow 57,500 ft³/min

NOx emission;

$$(2.0 \text{ part NOx}/10^6)(57,500 \text{ ft}^3/\text{min})(7.27) = 0.83 \text{ lbs NOx/hr}$$

CO emission:

$$(2.0 \text{ part CO}/10^6)(57,500 \text{ ft}^3/\text{min})(4.43) = 0.509 \text{ lbs CO/hr}$$

@ 24 hrs/day, 7 days/week, 52 weeks/yr refer to table above for emissions summary.

Contaminant	Daily Start-up	Daily Normal Operation	29 day Normal Operation	Total Monthly	30day average	Oven 30day average	Total 30 day average
ROG	1.62	1.44	41.76	43.38	1.45	0.216	1.66
NOx	18.45	19.92	577.68	596.13	19.87	1.20	21.07
Sox	0.19	0.171	4.959	5.15	0.170	0.03	0.20
CO	12.07	12.22	354.38	366.45	12.22	2.288	14.49
PM10	1.74	1.54	44.66	46.40	1.55	0.231	1.78

VOC Emissions:

Facility Cap 931 lbs VOC per day

New C4 Vinyl Coating Line, Application No. 532298

Operating Schedule; 24 hrs/day, 7days/week, 52 weeks/year

Maximum uncontrolled estimated VOC usage (Supplied by the applicant) – 816,183 lbs/yr

Permitted control efficiency 98.5%

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	16
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Hourly:

$$R1 = (816,183 \text{ lbs VOC/yr}) / ((52 \text{ weeks/yr})(7 \text{ day/week})(24 \text{ hrs/day})) = 93.43 \text{ lbs VOC/hr}$$

$$R2 = 93.43 \text{ lbs VOC/hr}(1-0.985) = 1.401 \text{ lbs VOC/hr}$$

Daily:

$$R1 = 93.43 \text{ lbs VOC/hr}(24 \text{ hrs/day}) = 2,264.16 \text{ lbs VOC/day}$$

$$R2 = 1.401 \text{ lbs VOC/hr}(24 \text{ hrs/day}) = 33.6 \text{ lbs VOC/day}$$

The new coating line should be able to operate under the facility VOC cap of 931 lbs/day.

Also, the facility agreed to limit the new line to 30 lbs/day of VOC emissions.

Coating Line Oven Combustion Emissions:

30ppm NOx

100 ppm CO

Burner Rating: 1,350,000 btu per hour

1.2857x10E-3mmcft/hr

Combustion Emissions

	Emission Factor lbs/mmcf	Hourly Emissions lbs/hr	Daily Emissions lbs/day	Annual Emissions lbs/yr	delta 30 day average* lbs/day
ROG	7.0	0.009	0.216	78.62	0
NOX	38.87	0.05	1.20	436.59	1.0
SOX	0.83	0.001	0.03	9.32	0
CO	77.39	0.0995	2.288	869.24	2.0
PM10	7.5	0.010	0.231	84.24	0

Prime Coating Line & Oven D26 & D27, Application No. 532300

Change of Condition to change the way Triethylamine(TEA) is reported. There will be no change in operation or increase in emissions.

Under the original permit evaluation, the maximum monthly volume of material containing TEA was based on a TEA concentration of 0.035 lbs TEA/gal. The TEA emission levels of 0.81 lbs/hr (@ 24hrs/day) and 7,097 lbs/year were below the Rule 1401 table 1-A screening levels of 2.8 lbs/hr and 17,300 lbs/year. It was determined that a limit of 16,560 gallons per month of material with a TEA concentration not to exceed 0.035 lbs TEA per gallon would be applied to the prime coating line under condition C1.3. Condition C1.3 will be changed to 580 pounds TEA per month based on the following:

$$16,560 \text{ gallons/month}(0.035 \text{ lbs TEA/gal}) = 579.6 \text{ lbs TEA/month}$$

@ 8hrs/day, 30 day monthly average(worst case instead of 24 hrs/day)

$$580 \text{ lbs/month}/(30 \text{ days/month})/(8 \text{ hrs/day}) = 2.42 \text{ lbs/hr}$$

12 month/yr

$$580 \text{ lbs/month}(12 \text{ month/yr}) = 6,960 \text{ lbs TEA/yr}$$

Condition no. C1.3 will be limited to 580 lbs TEA per month and condition no. B59.3 will be changed to reference the Rule 1401 amendment date of September 10, 2010 with the exception of Triethylamine. The content restriction of 0.035 pounds per gallon will be removed.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	17
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Contaminant	C28 RTO 30 day average	C4 coating 30 day average	C4 afterburner 30 day average	Delta
ROG*	0	0.216	0	0
NOx	19.87	1.20	23.8	-2.73
Sox	0.17	0.03	0.15	+0.05
CO	12.21	2.288	6.4	+8.09
PM10	1.54	0.231	1.371	+0.4

*the facility operates under a VOC cap and the operation of the new line will be kept under the facility VOC limit.

Risk Assessment:

Application 534232 Device C28 (new RTO)

This equipment passes Tier 2 Screen Risk Assessment for the combustion emissions from the new RTO with the following results:

Tier 2 results:

MICR	Residential	Commercial
	ASI	ASI
	1.25E-08	1.04 E-08
	Passes	Passes

The Hazard Index had no cumulative impact that exceeded 1.0 for the target organs for Acute or Chronic.

Application 532302 Device C4 (existing Afterburner)

This equipment is having its exhaust modified to accommodate the new C4 coating line. It is limited to 25,000 cfm and will not see an increased capacity. C4 will be conditioned so that it can only vent two lines at anytime. The modification will not cause an increase in toxic emissions and is exempt from the requirements of Rule 1401 pursuant to 1401(g)(1)(B) "Modifications with no increase in risk."

Application 532300 Device D26 & D27 (existing Prime Coating Line)

This application has been submitted as a change of condition to change the reporting method for triethylamine (TEA) usage. Originally the facility reported total gallons of material that included a diluted concentrated which contained TEA. They are requesting to report only TEA usage. Condition C1.3 will change from 16,560 gallons per month of materials containing TEA to 580 pounds per month of TEA. The content restriction of TEA in B59.3 will be removed. There will be no increase in TEA therefore this change of condition is exempt from the requirements of Rule 1401 pursuant to 1401(g)(1)(B).

Application 534234 Device D30 & D31 (New Vinyl Coating Line C4)

The new coating line will use the following hazardous materials:

Contaminant	Annual Controlled	Hourly
Ethylbenzene	3.0 lbs/yr	3.434E-04
Xylene	6,337	0.725

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	18
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Toluene	1517	0.174
Glycol Ether	921	0.105
MEK	810	0.093
IPA	326	0.037

This equipment passes Tier 2 Screen Risk Assessment with the combustion emissions from the new oven with the following results:

Tier 2 results:

MICR	Residential	Commercial
	ASI	ASI
	4.44E-09	1.32 E-08
	Passes	Passes

The Hazard Index had no cumulative impact that exceeded 1.0 for the target organs for Acute or Chronic.

RULE EVALUATION

Rule 212 (c)(1): This section requires a public notice for all new or modified permit units that emit air contaminants located within 1,000 feet from the outer boundary of a school.

No public notice is required since no school is located within 1,000 ft from the above site.

Rule 212 (c)(2): This section requires a public notice for all new or modified facilities that have on-site emission increases exceeding any of the daily maximums as specified by Rule 212(g).

The proposed project will result in an emission increase. A Rule 212(c) (2) notice will not be triggered since the equipment is subject to a facility VOC emission cap and no increase above the daily maximum specified in Rule 212(g) will occur.

Rule 212(c)(3): This section requires a public notice for all new or modified permit unit with increases in emissions of toxic air contaminants listed in Table I of Rule 1401 resulting in MICR greater than 1E-6 per permit unit or greater than 10E-6 per facility.

The proposed project will result in an emission increase of toxic emissions by the addition of the new vinyl coating line. The risk has been calculated assuming these new devices are considered a new source. The facility is limited to an existing VOC facility cap. An actual toxic increase may be limited with the existing VOC cap. There is an increase in toxics associated with combustion since the new RTO has a much bigger start-up burner but is only operated during start-up. Since the existing afterburner will function as a back-up, the change in risk associated with the control equipment is essentially the same with no increase. The additions of the new RTO and coating line C4 will not cause an increased MICR in excess of one in million nor cause the hazard index to exceed

PAGES	PAGE
24	19
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

1.0 for any targeted organs. Therefore, Public Notice is not required under this section of the rule.

Rule 212(g): This section requires a public notice for all new or modified sources that result in emission increases exceeding any of the daily maximums as specified by Rule 212(g).

The emission increase due to the addition of the new coating line & RTO will have an emission increase as summarized below:

	Maximum Daily Emissions					
	ROG	NO _x	PM ₁₀	SO ₂	CO	Pb
Emission increase	<30	-2.73	0.40	0.05	8.09	0
MAX Limit (lb/day)	30	40	30	60	220	3
Compliance Status	Yes	Yes	Yes	Yes	Yes	Yes

A public notice is not required since the emission increase is below the VOC thresholds.

Rule 401: Visible emissions are not expected with the proper maintenance and operation of this equipment.

Rule 402: With proper maintenance and operation, this equipment is not expected to create a nuisance.

Rule 1128: This facility complies with the requirements of this rule by operating all processes within a permanent total enclosure and venting the process emissions to an air pollution control device which has an overall control efficiency of 98.5 percent. Compliance with this rule is expected.

REG XIII

Rule 1303(a): The NO_x BACT requirements will be satisfied with the installation of the low-NO_x burners in the new oven and the start-up burner for the RTO. All VOC emissions from the coating lines C2 & C4 will be captured within a PTE and exhausted to an RTO with a destruction efficiency of at least 98.5%. Compliance with the VOC BACT requirements is expected.

Rules 1303(b)(1) modeling:

The afterburner and the oven are equipped with a 30ppmv Low-Nox burner. The hourly emission rate compared with the Table A-1 screening levels are as follows:

Mmbtu/hr	Table A-1	NO _x	CO	PM ₁₀
>2 <5		0.31	17.1	1.9
Oven 1.35		0.05	0.1	0.01
>10<20		0.86	47.3	5.2

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	20
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

RTO	0.535	0.48	0.1
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Modeling is not required for VOC. Compliance is expected.

Rule 1303(b)(2) Offsets:

No offsets are required for this operation. The facility has a 932 lbs VOC/day facility cap and no emission increase is requested. The NOx emissions are subject to RECLAIM since this is a NOx RECLAIM facility. The PM10 emissions increase is negligible and will not require emission offsets.

Rule 1303(b)(4): The facility is expected to be in full compliance with all applicable rules and regulations of the District.

Rule 1401: Toxics: Rule 1401 contains the following requirements:

- 1) (d)(1) *MICR and Cancer Burden* - The cumulative increase in MICR which is the sum of the calculated MICR values for all toxic air contaminants emitted from the new, relocated or modified permit unit will not result in any of the following:
 - (A) an increased MICR greater than one in one million (1.0×10^{-6}) at any receptor location, if the permit unit is constructed without T-BACT;
 - (B) an increased MICR greater than ten in one million (1.0×10^{-5}) at any receptor location, if the permit unit is constructed with T-BACT;
 - (C) a cancer burden greater than 0.5.
- 2) (d)(2) *Chronic Hazard Index* - The cumulative increase in total chronic HI for any target organ system due to total emissions from the new, relocated or modified permit unit will not exceed 1.0 at any receptor location.
- 3) (d)(3) *Acute Hazard Index* - The cumulative increase in total acute HI for any target organ system due to total emissions from the new, relocated or modified permit unit will not exceed 1.0 at any receptor location.

The addition of the new coating line C4 and the new RTO pass the Tier 2 screening as follows:

Coating Line C4;

This equipment passes Tier 2 Screen Risk Assessment with the combustion emissions from the new oven and RTO with the following results:

Tier 2 results:

MICR	Residential	Commercial
	ASI	ASI
	4.74E-08	1.22 E-07
	Passes	Passes

The Hazard Index had no cumulative impact that exceeded 1.0 for the target organs for Acute or Chronic.

Compliance with this rule is expected.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	21
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

RULE 2005: Arlon Graphics is a NO_x RECLAIM facility. The proposed project will result in NO_x emission decrease due to the installation of the RTO. The RTO is equipped with a low-NO_x burner and it will be used as the primary control device at the facility. In addition, the proposed oven in new line C4 will also be equipped with a low-NO_x burner, emitting less than 30 ppmv NO_x. Compliance with this rule is expected.

40 CFR63 subpart JJJJ:

63.3320 Emission standard with use of an oxidizer requires no greater than 20 parts per million by volume (ppmv) by compound on a dry basis and 100% capture efficiency. The Facility will comply with this regulation by operating the coating operations within a Permanent Total Enclosure(PTE) and have a destruction efficiency of at least 98.5%. Compliance with this regulation is expected.

REGULATION XXX:

This facility is in the RECLAIM program. The proposed project is considered as a “de minimis significant permit revision” for non-RECLAIM pollutants to the RECLAIM/Title V permit for this facility.

Non-RECLAIM Pollutants or HAPs

Rule 3000(b)(6) defines a “de minimis significant permit revision” as any Title V permit revision where the cumulative emission increases of non-RECLAIM pollutants or HAPs from these permit revisions during the term of the permit are not greater than any of the following emission threshold levels:

Air Contaminant	Daily Maximum (lbs/day)
HAP	30
VOC	30
NO _x *	40
PM ₁₀	30
SO _x *	60
CO	220

* Not applicable if this is a RECLAIM pollutant

To determine if a project is considered as a “de minimis significant permit revision” for non-RECLAIM pollutants or HAPs, emission increases for non-RECLAIM pollutants or HAPs resulting from all permit revisions that are made after the issuance of the Title V renewal permit shall be accumulated and compared to the above threshold levels. This proposed project is the 1st permit revision to the Title V renewal permit issued to this facility on February 4, 2012. The following table summarizes the cumulative emission increases resulting from all permit revisions since the Title V renewal permit was issued:

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

APPLICATION PROCESSING AND CALCULATIONS

PAGES	PAGE
24	22
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

Revision	HAP	VOC	NOx*	PM10	SOx	CO
1st Permit Revision: Addition of New RTO, A/N 534234, C28, to vent all existing coating lines C2 C3 and printing press, D16, and solvent still, D17. Addition of New Coating line C4, a/n 532299, D30, D31. Change of condition to line C1, a/n 532300 to report Triethylamine usage.	0	0	-2.73	0.4	0	8.09
Cumulative Total	0	0	0*	0	0	0
Maximum Daily	30	30	40*	30	60	220

* RECLAIM pollutant, not subject to emission accumulation requirements

Since the cumulative emission increases resulting from all permit revisions are not greater than any of the emission threshold levels, this proposed project is considered as a "de minimis significant permit revision" for non-RECLAIM pollutants or HAPs and a "minor permit revision" for RECLAIM pollutants.

RECOMMENDATION

The proposed project is expected to comply with all applicable District Rules and Regulations. Since the proposed project is considered as a "de minimis significant permit revision" it is exempt from the public participation requirements under Rule 3006 (b). A proposed permit incorporating this permit revision will be submitted to EPA for a 45-day review pursuant to Rule 3003(j). If EPA does not raise any objections within the review period, a revised Title V permit will be issued to this facility.

Conclusion:

This equipment will operate in compliance with all District Rule and Regulations. A Permit to Operate is recommended for application number 532300 subject to preceding conditions. Permit to Construct is recommended for application numbers 532299, 534234, 532302, 536826, 536828, 536829 & 536831 subject to preceding conditions.

PAGES	PAGE
24	23
APPL. NO.	DATE
see below	05/18/12
PRCSD BY	CHCKD BY
REL	

APPENDIX

NOX allocation calculation:

Operating schedule: 24 hrs/day, 7 days/week, 52 weeks/yr

Existing Hot Rock, C4

Nat. Gas Burner NOx emissions:

8 million Btu/hr ;	Max NOx	23.8 lbs/day	2010 quarterly reporting
	Burner firing rate based on 2010 emissions		1334 lbs NOx/yr
	Air flowrate		15.4%
			25,000 cfm

VOC Oxidation NOx formation:

NOx from Natural gas injection for New RTO (57,500cfm @2ppm) 17.74lbs NOx/day

Existing Hot Rock has a 25,000cfm capacity

$$17.74 \text{ lb NOX/hr}(25/57.5) = 7.71\text{lb}$$

NOx/day

@ 7 days/week, 52 weeks/yr

2,807.55 lbs NOx/yr

Total NOx Emissions:

$$1334 \text{ lbs} + 2,807.55 \text{ lbs} = \underline{4,141.55 \text{ lbs NOx/yr}}$$

New RTO:

NOx emissions for start-up/shut-down operations

4 shutdowns/start-ups per year

5 hrs/start-up

Existing Hot Rock operates 4 days during New RTO shutdown

14.45 mmBTU/hr Start-up burner Max NOx 0.535lbs NOx/hr

5 hrs/startup)(0.535 lbs/hr) = 2.675 lbs NOx/start-up

19hrs injection(0.74 lbs/hr) = 14.06 lbs/startup

Total 16.74 lbs NOx/start-up

4 start-up/yr

$$4(16.74 \text{ lbs NOx}) = \underline{66.94 \text{ lbs NOx/yr}}$$

16 days of Hot Rock operation – 4 days overlap start-up /shutdown

365day – 12 days = 353 days injection

Injection NOx:

$$353 \text{ days}(17.74 \text{ lbs/day}) = \underline{6,262.22 \text{ lbs NOx}}$$

Total NOx from RTO:

$$66.94 \text{ lbs} + 6,262.22 \text{ lbs} = \underline{6,329.16 \text{ lbs NOx/yr}}$$

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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: FILM COATING					
System 1: Prime Coating No. 1					
COATER, PRIME COATING LINE NO. FAUSTEL, GRAVURE ROLLER COATER WITH TWO 2 H.P. DRIVES A/N:	D26			HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.3, C1.3, H23.1
OVEN, RADIAN ENERGY, PRIME COATING LINE # 1, 5 FT 8 IN W X 5 FT 4 IN L X 1 FT 4 IN H., 77.5 KW INFRARED HEATER WITH A 2 H.P. SUPPLY BLOWER AND A 2 H.P. EXHAUST BLOWER A/N:	D27			PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
System 2: Coating Line C2					
COATER, ROLL, COATING LINE NO. 2 (C2), GOWEN, MODEL NO. CK60, KNIFE-OVER-ROLL TYPE A/N:	D13	C4		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
OVEN, COATING, COATING LINE NO. 2 (C2), MODEL BZ, NATURAL GAS, 7 FT - 5 IN W. X 80 FT L. X 6 FT H., THREE ZONES, 4.5 MMBTU/HR A/N:	D2	C4	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	C6.1, H23.1
System 3: Coating Line C3					
COATER, ROLL, COATING LINE NO. 3 (C3) A/N:	D14	C4		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	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 ARLON GRAPHICS L.L.C.

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: FILM COATING					
OVEN, COATING, COATING LINE NO. 3 (C3), FAUSTEL, NATURAL GAS, 8 FT W. X 100 FT L. X 4 FT. H., 5 MMBTU/HR A/N:	D3	C4	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	H23.1
PRESS, FLEXOGRAPHIC, WOLVERINE, MODEL NO. 66-1, 66 INCH WEB WIDTH A/N:	D25	C4		VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.2, H23.1
System 5: Drum Cleaning					
CLEANER, NO. 1, DRUM, CB MILLS, RED HEAD TW-300 SERIES A/N:	D16	C4		VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1, K67.3
STILL, SOLVENT RECOVERY, C. B. MILLS, MODEL NO. RED-HEAD RHS-30, WIDTH: 6 FT 10 IN; LENGTH: 6 FT 2 IN; HEIGHT: 9 FT 7 IN; 30 KW A/N:	D17				B59.1, C1.2, C8.3, K67.5
System 6: Air Pollution Control					
AFTERBURNER, HOT ROCK, PRIMARY, SMITH, MODEL AB25HX90E1965, NATURAL GAS, 8 MMBTU/HR A/N:	C4	D2 D3 D13 D14 D16 D25	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A72.1, A72.2, C6.3, D29.1, E193.1
Process 2: MIXING OF VINYL COATING					

* (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 ARLON GRAPHICS L.L.C.

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: MIXING OF VINYL COATING					
MIXER, BOOTH, SPRAYKING, MODEL NO. 01-10128, S/N 1216-0, PAINT, SOLVENT, VINYL CHLORIDE, 10FT-10 IN W. X 12 FT H. X 8 FT-7 IN D., EIGHTEEN 20" X 20" X2" FILTERS A/N: 519560	D6			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	C6.2, D322.1, E175.1, H23.2, K67.1, K67.3
MIXER, BOOTH, 13 FT 9 IN W. X 12 FT H. X 8 FT 7 IN D., PAINT, SOLVENT, VINYL CHLORIDE, TWENTY-FOUR 20" X 20" X 2" FILTERS, 3 H.P. EXHAUST FAN A/N: 519559	D7			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	C6.2, D322.1, E175.1, H23.2, K67.1, K67.3
Process 5: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULE					
System 1:					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E19			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 6-3-2011; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.2
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E20			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
RULE 219 EXEMPT EQUIPMENT, HEATER, >1 MMBTU/HR <2 MMBTU/HR	E21			CO: 400 PPMV (5A) [RULE 1146.2, 5-5-2006]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <53 FT3, WITH DUST FILTER	E22			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D322.2, D381.1, E102.1, K67.4

* (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 ARLON GRAPHICS L.L.C.

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: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULE					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E24			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.3

* (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
ARLON GRAPHICS L.L.C.**

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
 ARLON GRAPHICS L.L.C.
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D2	1	1	2
D3	2	1	3
C4	2	1	6
D6	3	2	0
D7	3	2	0
D13	1	1	2
D14	1	1	3
D16	2	1	5
D17	2	1	5
E19	3	5	1
E20	3	5	1
E21	3	5	1
E22	3	5	1
E24	4	5	1
D25	2	1	3
D26	1	1	1
D27	1	1	1

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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
VOC	Less than or equal to 931 LBS IN ANY ONE DAY

In addition to the record keeping requirements of Rule 109, the operator shall keep adequate records for each VOC emitting equipment to verify daily VOC emissions in pounds, daily VOC-containing material usage in gallons, and VOC content of each material as applied (including water and exempt compounds).

For the equipment that is vented to the air pollution control (APC) system, the VOC emissions shall be calculated using the required overall control efficiency specified in the permit for the APC system.

The operator shall total and record VOC emissions for the day from all the VOC emitting equipment covered by this daily VOC emission limit. The records shall include any procedures used to account for waste disposal.

All records required by this permit shall be prepared in a format which is acceptable to the District, shall be retained at the facility for five years, and shall be made available to any District representative upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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, 3-2-1984; RULE 401, 11-9-2001]

DEVICE CONDITIONS

A. Emission Limits

A72.1 The operator shall maintain this equipment to achieve a minimum capture efficiency of 100 percent for ROG during the normal operation of the equipment it vents.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4]

A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 98.5 percent for ROG during the normal operation of the equipment it vents.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4]

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of August 18, 2000 or earlier, except methyl ethyl ketone and xylene.

[RULE 1401, 8-18-2000]

[Devices subject to this condition : D17]

B59.2 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier, except proplene glycol monomethyl ether (CAS # 107-98-2), ethylene glycol monobutyl ether (CAS # 111-76-2) and sodium hydroxide (CAS # 1310-73-2).

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D25]

B59.3 The operator shall not use the following material(s) in this device :

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Materials containing Volatile Organic Compounds (VOC) exceeding 5 percent by weight.

Clean-up materials containing VOC.

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of September 10, 2010 or earlier, except triethylamine (CAS # 121-44-8).

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D26]

C. Throughput or Operating Parameter Limits

C1.2 The operator shall limit the material processed to no more than 3120 gallon(s) per month.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D17]

C1.3 The operator shall limit the material processed to no more than 580 lb(s) in any one calendar month.

For the purpose of this condition, material processed shall be defined as triethylamine applied in this equipment.

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D26]

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 450 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the oven.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2]

- C6.2 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the filter.

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

[Devices subject to this condition : D6, D7]

- C6.3 The operator shall use this equipment in such a manner that the flow being monitored, as indicated below, does not exceed 25000 CFM.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the afterburner.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4]

- C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 15 Deg F.

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the condensate outlet leaving the condenser.

The operator shall maintain the condensate outlet temperature leaving the condenser to be at least 15 deg F below the boiling point of the solvent being recovered.

The operator shall maintain safety interlocks at the condenser to shut down the equipment in the event of excessive condensate temperature.

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

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D17]

D. Monitoring/Testing Requirements

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
VOC	Approved District method	1 hour	Simultaneous inlet and outlet

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The test(s) shall be conducted at least once every five years.

The test shall be conducted no later than February 4, 2016 unless otherwise approved in writing by the District.

The test shall be conducted to demonstrate compliance with all applicable permit conditions, Rules and Regulations.

The source test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in the permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos. 8, 9, and 10 of Section E of this facility permit.

The operator shall submit two complete copies of the source test report specified in condition No. 9 of Section E of this facility permit to the District Engineering and Compliance Division.

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

[Devices subject to this condition : C4]

D322.1 The operator shall perform a weekly inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[Devices subject to this condition : D6, D7]

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D322.2 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[Devices subject to this condition : E22]

D381.1 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 an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine 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, the operator shall 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.

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; and
- 3). Date and time visible emission was abated.

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

[Devices subject to this condition : E22]

E. Equipment Operation/Construction Requirements

**FACILITY PERMIT TO OPERATE
ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

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

[Devices subject to this condition : E22]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 481, 1-11-2002]

[Devices subject to this condition : D6, D7]

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

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The combustion chamber temperature shall be maintained at a minimum of 1,500 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a system shall have an accuracy of within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

For the purpose of this condition, a deviation shall be defined as when a combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the combustion chamber temperature at or above 1,500 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective action taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if an accumulation of deviations exceeds 5 percent duration of this equipment's total operating time for any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

**FACILITY PERMIT TO OPERATE
 ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR Part 64.9 for a minimum of five years.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C4]

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	109

[RULE 109, 5-2-2003]

[Devices subject to this condition : D2, D3, D13, D14, D16, E20, D25, D26, D27]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
VOC	District Rule	442

**FACILITY PERMIT TO OPERATE
 ARLON GRAPHICS L.L.C.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 109, 5-2-2003; RULE 442, 12-15-2000]

[Devices subject to this condition : D6, D7]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122
VOC	District Rule	109

[RULE 109, 5-2-2003; RULE 1122, 10-1-2004; RULE 1122, 5-1-2009]

[Devices subject to this condition : E24]

K. Record Keeping/Reporting

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

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

weekly record of pressure drop across the filter media

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

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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 : D6, D7]

K67.2 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.

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

[Devices subject to this condition : E19]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records of the daily solvent usage in this equipment shall be maintained for a period of at least five years after they are recorded and shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D6, D7, D16]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

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

[Devices subject to this condition : E22]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records to prove compliance with conditions No. C1.2 and B59.1. Such records shall be retained for at least five years and be made available to District personnel upon request

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D17]

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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 1: FILM COATING					
System 2: Coating Line C2					
COATER, ROLL, COATING LINE NO. 2 (C2), GOWEN, MODEL NO. CK60, KNIFE-OVER-ROLL TYPE A/N:	D13	C4 C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	H23.1
OVEN, COATING, COATING LINE NO. 2 (C2), MODEL BZ, NATURAL GAS, 7 FT - 5 IN W. X 80 FT L. X 6 FT H., THREE ZONES, WITH LOW NOX BURNER, 4.5 MMBTU/HR A/N:	D2	C4 C28	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 3-16-2001]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	C6.1, H23.1
System 3: Coating Line C3					
COATER, ROLL, COATING LINE NO. 3 (C3) A/N:	D14	C4 C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	H23.1
OVEN, COATING, COATING LINE NO. 3 (C3), FAUSTEL, NATURAL GAS, 8 FT W. X 100 FT L. X 4 FT. H., WITH LOW NOX BURNER, 5 MMBTU/HR A/N:	D3	C4 C28	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 3-16-2001]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	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 ARLON GRAPHICS L.L.C.

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 1: FILM COATING					
PRESS, FLEXOGRAPHIC, WOLVERINE, MODEL NO. 66-1, 66 INCH WEB WIDTH A/N:	D25	C4 C28		VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.2, H23.1
System 4: Coating Line No. 4					
COATER, ROLL, CASTING LINE NO. 4 (C4), FAUSTEL COATING HEAD, KNIFE-OVER-ROLL TYPE A/N:	D30	C4 C28		HAP: (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.1, B59.4, H23.1
OVEN, COATING, COATING LINE NO. 4 (C4), ASI, MODEL C4E-7500-68-I/R-DGPJDS, NATURAL GAS, MAXON, OVENPAK LE, LOW NOX BURNER, 24FT W. X 72FT 10 IN L. X 7 FT H., WITH LOW NOX BURNER, 1.35 MMBTU/HR WITH A/N:	D31	C4 C28	NOX: PROCESS UNIT**	CO: 100 PPMV NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	D29.3, H23.1
System 5: Drum Cleaning					
CLEANER, NO. 1, DRUM, CB MILLS, RED HEAD TW-300 SERIES A/N:	D16	C4 C28		VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1, K67.3

- * (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 ARLON GRAPHICS L.L.C.

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 1: FILM COATING					
STILL, SOLVENT RECOVERY, C. B. MILLS, MODEL NO. RED-HEAD RHS-30, WIDTH: 6 FT 10 IN; LENGTH: 6 FT 2 IN; HEIGHT: 9 FT 7 IN; 30 KW A/N:	D17	C4 C28			B59.1, C1.2, C8.3, K67.5
System 6: Air Pollution Control					
AFTERBURNER, HOT ROCK, PRIMARY, SMITH, MODEL AB25HX90E1965, NATURAL GAS, 8 MMBTU/HR A/N:	C4	D2 D3 D13 D14 D16 D17 D25 D30 D31	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A72.1, A72.2, C6.3, D29.1, E193.1, E448.1, E448.2

* (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 ARLON GRAPHICS L.L.C.

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 1: FILM COATING					
AFTERBURNER, THERMAL REGENERATIVE, ADWEST, MODEL RETOX 50.0 RTO97 RTO, NATURAL GAS, 7500 CFH NATURAL GAS INJECTION AND A 14.45 MMBTU/HR START-UP BURNER WITH A/N: BURNER, NATURAL GAS, MAXON, MODEL KINEDIZER LE LOW NOX BURNER, 14.45 MMBTU/HR	C28	D2 D3 D13 D14 D16 D17 D25 D30 D31	NOX: PROCESS UNIT**	CO: 100 PPMV NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A72.1, A72.2, D29.1, D29.2, E193.1, E448.2

* (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
ARLON GRAPHICS L.L.C.**

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
ARLON GRAPHICS L.L.C.**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D2	1	1	2
D3	1	1	3
C4	3	1	6
D13	1	1	2
D14	1	1	3
D16	2	1	5
D17	3	1	5
D25	2	1	3
C28	4	1	6
D30	2	1	4
D31	2	1	4

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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
VOC	Less than or equal to 931 LBS IN ANY ONE DAY

In addition to the record keeping requirements of Rule 109, the operator shall keep adequate records for each VOC emitting equipment to verify daily VOC emissions in pounds, daily VOC-containing material usage in gallons, and VOC content of each material as applied (including water and exempt compounds).

For the equipment that is vented to the air pollution control (APC) system, the VOC emissions shall be calculated using the required overall control efficiency specified in the permit for the APC system.

The operator shall total and record VOC emissions for the day from all the VOC emitting equipment covered by this daily VOC emission limit. The records shall include any procedures used to account for waste disposal.

All records required by this permit shall be prepared in a format which is acceptable to the District, shall be retained at the facility for five years, and shall be made available to any District representative upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

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, 3-2-1984; RULE 401, 11-9-2001]

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 900 LBS IN ANY ONE MONTH

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D30]

A72.1 The operator shall maintain this equipment to achieve a minimum capture efficiency of 100 percent for ROG during the normal operation of the equipment it vents.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4, C28]

A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 98.5 percent for ROG during the normal operation of the equipment it vents.

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4, C28]

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of August 18, 2000 or earlier, except methyl ethyl ketone and xylene.

[RULE 1401, 8-18-2000]

[Devices subject to this condition : D17]

B59.2 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier, except proplene glycol monomethyl ether (CAS # 107-98-2), ethylene glycol monobutyl ether (CAS # 111-76-2) and sodium hydroxide (CAS # 1310-73-2).

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D25]

B59.4 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of Sept 10, 2010 or earlier, except Ethylbenzene (CAS# 100-41-4), Xylene(CAS#1330-20-7), Toluene (CAS#108-88-3), Glycol Ethers (CAS#111-76-2, 110-80-5), Isopropyl Alcohol(CAS# 67-63-0) and Methyl Ethyl Ketone (CAS# 78-93-3)

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D30]

C. Throughput or Operating Parameter Limits

C1.2 The operator shall limit the material processed to no more than 3120 gallon(s) per month.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D17]

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 450 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the oven.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2]

C6.3 The operator shall use this equipment in such a manner that the flow being monitored, as indicated below, does not exceed 25000 CFM.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the afterburner.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C4]

C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 15 Deg F.

**FACILITY PERMIT TO OPERATE
 ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the condensate outlet leaving the condenser.

The operator shall maintain the condensate outlet temperature leaving the condenser to be at least 15 deg F below the boiling point of the solvent being recovered.

The operator shall maintain safety interlocks at the condenser to shut down the equipment in the event of excessive condensate temperature.

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

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D17]

D. Monitoring/Testing Requirements

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
VOC	Approved District method	1 hour	Simultaneous inlet and outlet

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test(s) shall be conducted at least once every five years.

The test shall be conducted no later than February 4, 2016 unless otherwise approved in writing by the District.

The test shall be conducted to demonstrate compliance with all applicable permit conditions, Rules and Regulations.

The source test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in the permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos. 8, 9, and 10 of Section E of this facility permit.

The operator shall submit two complete copies of the source test report specified in condition No. 9 of Section E of this facility permit to the District Engineering and Compliance Division.

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

[Devices subject to this condition : C4, C28]

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	Test Location
VOC	Approved District method	District-approved averaging time	Simultaneous inlet and outlet
NOX emissions	Approved District method	District-approved averaging time	Outlet

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

CO emissions		Approved District method		District-approved averaging time		Outlet
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FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted to verify that the Permanent Total Enclosures (PTE) comply with the requirements under EPA method 204.

The test shall be conducted at the inlet and the exhaust of the RTO for (1) VOC in PPMV and lbs/hr. (2) NO_x emissions during startup and normal operation in PPMV and lbs/hr (exhaust only). (3) CO emissions during startup and normal operation in PPMV and lbs/hr (exhaust only). (4) VOC destruction efficiency. (5) VOC collection efficiency. (6) Usage of all VOC-containing materials during the test. (7) Oxygen content. (8) Moisture content. (9) Flow rate. (10) Temperature.

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with applicable permit conditions, Rules and Regulations.

The test shall be conducted while the afterburner is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in this permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall comply with administrative conditions Nos 8, 9, and 10 of section E of this permit.

The operator shall submit two complete copies of the source test report specified

**FACILITY PERMIT TO OPERATE
 ARLON GRAPHICS L.L.C.**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

in condition no. 9 of section E of this facility permit to the District Engineering and Compliance Division.

[RULE 1128, 3-8-1996; RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a), 12-6-2002]

[Devices subject to this condition : C28]

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

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

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted at the the exhaust of the oven for (1) NOx emissions during normal operation in PPMV and lbs/hr . (2) CO emissions during normal operation in PPMV and lbs/hr. (3) Oxygen content. (4) Moisture content. (5) Flow rate. (6) Temperature.

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with applicable permit conditions, Rules and Regulations.

The operator shall submit two complete copies of the source test report to the District Engineering and Compliance Division.

-----[**RULE 1128, 3-8-1996; RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a), 12-6-2002**]

[Devices subject to this condition : D31]

E. Equipment Operation/Construction Requirements

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

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The combustion chamber temperature shall be maintained at a minimum of 1,500 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a system shall have an accuracy of within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

For the purpose of this condition, a deviation shall be defined as when a combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the combustion chamber temperature at or above 1,500 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective action taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if an accumulation of deviations exceeds 5 percent duration of this equipment's total operating time for any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR Part 64.9 for a minimum of five years.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C4, C28]

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

Oxidizer C4 shall vent only two of the three coating lines during operation

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C4]

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

Oxidizers C28 & C4 shall not be operated simultaneously

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C4, C28]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart

FACILITY PERMIT TO OPERATE ARLON GRAPHICS L.L.C.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

VOC | District Rule | 109

[RULE 109, 5-2-2003]

[Devices subject to this condition : D2, D3, D13, D14, D16, D25, D30, D31]

K. Record Keeping/Reporting

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records of the daily solvent usage in this equipment shall be maintained for a period of at least five years after they are recorded and shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D16]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records to prove compliance with conditions No. C1.2 and B59.1. Such records shall be retained for at least five years and be made available to District personnel upon request

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D17]



Form 500-C1

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) 396-3385, www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit):

Arlon Graphics LLC

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

167066

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.
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 XIX, 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

Section II - Applicable Requirements, Test Methods, & MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" 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 checked="" type="checkbox"/> All Coating Operations (12/15/00)	<input checked="" type="checkbox"/> Rule 442	<input checked="" type="checkbox"/> Rule 442(f)	<input checked="" 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 type="checkbox"/> AQMD TM 7.1 or 100.1	
<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 type="checkbox"/> All Combustion Equipment Using Liquid Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.2 (09/15/00)	<input type="checkbox"/> Rule 431.2(g)	<input 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 checked="" 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 checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 N/A See Applicable Subpart	<input checked="" type="checkbox"/> Rule 430(b) See Applicable Subpart
<input type="checkbox"/> All Equipment Processing Solid Materials	<input type="checkbox"/> Rule 403 (06/03/05)	<input type="checkbox"/> Rule 403(d)(3)	<input type="checkbox"/> Rule 403(f)
<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"/> All Facilities Using Solvents to Clean Various Items or Equipment	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input checked="" type="checkbox"/> Rule 1171 (05/01/09) <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 App. = Appendix CFR = Code of Federal Regulations
 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"/> 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 type="checkbox"/> Appliances Containing Ozone Depleting Substances (except Motor Vehicle Air Conditioners): Manufacturing, Repair, Maintenance, Service, & Disposal	<input 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 1173(j)	<input type="checkbox"/> Rule 1173(i)
	<input type="checkbox"/> Rule 1176 (09/13/96)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
	<input type="checkbox"/> 40 CFR61 SUBPART L	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR61 SUBPART Y	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Benzene Transfer Operations	<input type="checkbox"/> Rule 1142 (07/19/91)	<input type="checkbox"/> Rule 1142(e)	<input type="checkbox"/> Rule 1142(h)
	<input type="checkbox"/> 40 CFR61 SUBPART BB <input type="checkbox"/> 40 CFR63 SUBPART Y	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Waste Operations	<input type="checkbox"/> Rule 1176 (09/13/96)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
	<input type="checkbox"/> 40 CFR61 SUBPART FF	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	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 checked="" type="checkbox"/> Boiler, < 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (09/05/08)	<input type="checkbox"/> Rule 1146.1(d)	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3)
	<input checked="" type="checkbox"/> Rule 1146.2 (05/05/06)	N/A	N/A
	<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 1146.1 (09/05/08) - excluding NOx requirements	<input type="checkbox"/> Rule 1146.1(d)	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3)
	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD	See Applicable Subpart	See Applicable Subpart

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"/> Boiler, Petroleum Refining (RECLAIM sources)	<input type="checkbox"/> Rule 1146 (09/05/08) - excluding NOx requirements <input type="checkbox"/> Rule 2011 (05/06/05) <input type="checkbox"/> 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) <input type="checkbox"/> 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) <input type="checkbox"/> 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)		<input type="checkbox"/> Rule 1426(e)
<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"/> Rule 1119 (03/02/79) <input type="checkbox"/> 40 CFR63 SUBPART L	<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 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"/> 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)	<input type="checkbox"/> Rule 1426(e) <input type="checkbox"/> Rule 1469(g), (j) & (k)

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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, Marine Coating (Except for recreational equipment)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1106 (01/13/95) <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 1106(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1106(c)(5) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Metal Coating	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1107 (01/06/06) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART EE <input type="checkbox"/> 40 CFR60 SUBPART SS <input type="checkbox"/> 40 CFR63 SUBPART NNNN <input type="checkbox"/> 40 CFR63 SUBPART MMMM <input type="checkbox"/> 40 CFR63 SUBPART RRRR	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1107(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1107(f) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Metal Containers, Closure, & Coil Coating Operations	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1125 (03/07/08) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART TT <input type="checkbox"/> 40 CFR60 SUBPART WW <input type="checkbox"/> 40 CFR63 SUBPART KKKK <input type="checkbox"/> 40 CFR63 SUBPART SSSS	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1125(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1125(c)(6) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Motor Vehicle & Mobile Equipment Non-Assembly Line Coating Operation	<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 1151 (12/02/05) <input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1151(h) <input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 109© <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1151(f) <input type="checkbox"/> Rule 1171(c)(6)

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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, Motor Vehicle Assembly Line	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1115 (05/12/95) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART MM <input type="checkbox"/> 40 CFR63 SUBPART IIII	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1115(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1115(g) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Coating Operation, Paper, Fabric, & Film Coating Operations	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input checked="" type="checkbox"/> Rule 1128 (03/08/96) <input type="checkbox"/> Rule 1132 (05/05/06) <input checked="" type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART VVV <input type="checkbox"/> 40 CFR63 SUBPART OOOO	<input checked="" type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input checked="" type="checkbox"/> Rule 1128(f) <input type="checkbox"/> Rule 1132(f) <input checked="" type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart	<input checked="" type="checkbox"/> Rule 109(c) <input checked="" type="checkbox"/> Rule 1128(e) <input type="checkbox"/> Rule 1132(g) <input checked="" type="checkbox"/> Rule 1171(c)(6) 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 481 (01/11/02) <input type="checkbox"/> Rule 1145 (12/04/09) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART TTT <input type="checkbox"/> 40 CFR63 SUBPART NNNN <input type="checkbox"/> 40 CFR63 SUBPART PPPP	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1145(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1145(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Pleasure Craft	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1106.1 (02/12/99) <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 1106.1(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1106.1(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) 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"/> 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) 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) See Applicable Subpart
<input checked="" type="checkbox"/> Coating Operation, Use Of Architectural Coating (Stationary Structures)	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <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)	<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"/> 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) 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) 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) 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) See Applicable Subpart
<input type="checkbox"/> Coater	See Coating Operations		
<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 type="checkbox"/> Compressors	See Fugitive Emissions or 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 II - 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 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) <input checked="" type="checkbox"/> Rule 1122 (05/01/09) <input checked="" type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART T	<input checked="" type="checkbox"/> Rule 109(g) <input checked="" type="checkbox"/> Rule 1122(h) <input checked="" type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input checked="" type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1122(i) <input checked="" type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Dry Cleaning, Perchloroethylene	<input type="checkbox"/> Rule 1421 (12/06/02)	<input type="checkbox"/> Rule 1421(e) & (i)	<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 1102 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART JJJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1102(g) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) 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 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"/> Rule 1105 (09/01/84) <input type="checkbox"/> Rule 1105.1 (11/07/03)	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> Rule 1105(c)(1) <input type="checkbox"/> Rule 1105.1(f)	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 1105(b)(2) <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 type="checkbox"/> Fugitive Emissions, Benzene	<input type="checkbox"/> Rule 1173 (12/06/02) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart 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, Oil & Gas Production Facility	<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"/> Rule 1173 (02/06/09)	<input type="checkbox"/> Rule 1173(j)	<input type="checkbox"/> Rule 1173(i)
	<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	
<input type="checkbox"/> Fugitive Emissions, Pipeline Transfer Station	<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"/> Rule 1173 (02/06/09)	<input type="checkbox"/> Rule 1173(j)	<input type="checkbox"/> Rule 1173(i)
	<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	
<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 AAa	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"/> Rule 1117(c), AQMD TM 7.1 or 100.1	
	<input type="checkbox"/> 40 CFR60 SUBPART CC	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"/> AQMD TM 6.1	
	<input type="checkbox"/> 40 CFR63 SUBPART X	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)	<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 checked="" 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 type="checkbox"/> Internal Combustion Engines, Reciprocating	<input type="checkbox"/> Rule 1110.2 (07/09/10) <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	<input type="checkbox"/> Rule 1150.1(j) 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 JJJJJ	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 KKKKK	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 HHHHH	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 QQQQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Glass	<input type="checkbox"/> Rule 1117 (01/06/84) <input type="checkbox"/> 40 CFR60 SUBPART CC <input type="checkbox"/> 40 CFR61 SUBPART N	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Hydrochloric Acid	<input type="checkbox"/> 40 CFR63 SUBPART NNNNN	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Lead-Acid Battery	<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 SSSSS	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 BBBB	<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	<input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> 40 CFR60 SUBPART H <input type="checkbox"/> 40 CFR60 SUBPART Gd	<input type="checkbox"/> AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Manufacturing, Surfactant	<input type="checkbox"/> Rule 1141.2 (01/11/02)	<input type="checkbox"/> Rule 1141.2(e) <input type="checkbox"/> AQMD TM 25.1	
Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	<input type="checkbox"/> 40 CFR60 SUBPART III <input type="checkbox"/> 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	<input type="checkbox"/> 40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
Manufacturing, Vinyl Chloride	<input type="checkbox"/> 40 CFR61 SUBPART F	See Applicable Subpart	See Applicable Subpart
Manufacturing, Water Heaters	<input type="checkbox"/> Rule 1121 (09/03/04)	N/A	N/A
Manufacturing, Wool Fiberglass Insulation	<input type="checkbox"/> 40 CFR60 SUBPART PPP	See Applicable Subpart	See Applicable Subpart
Manure Processing Operations	<input type="checkbox"/> Rule 1127 (08/06/04)	<input type="checkbox"/> Rule 1127(h)	<input type="checkbox"/> Rule 1127(g)
Marine Tank Vessel Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142(e) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart
Mercury Emissions	<input type="checkbox"/> 40 CFR61 SUBPART E <input type="checkbox"/> 40 CFR63 SUBPART IIII	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS): Repair, Service, Manufacturing, Maintenance, or Disposal	<input type="checkbox"/> 40 CFR82 SUBPART B <input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
Municipal Waste Combustors	<input type="checkbox"/> 40 CFR60 SUBPART Cb <input type="checkbox"/> 40 CFR60 SUBPART Ea <input type="checkbox"/> 40 CFR60 SUBPART Eb	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
Negative Air Machines/HEPA, Asbestos	<input type="checkbox"/> 40 CFR61 SUBPART M	See Applicable Subpart	See Applicable Subpart
Nickel Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
Nonmetallic Mineral Processing Plants	<input type="checkbox"/> Rule 404 (02/07/86) <input type="checkbox"/> Rule 405 (02/07/86) <input type="checkbox"/> 40 CFR60 SUBPART OOO	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart
Off-site Waste and Recovery Operation	<input type="checkbox"/> 40 CFR63 SUBPART DD	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"/> 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)	<input type="checkbox"/> Rule 1148.1 (f)
<input type="checkbox"/> Onshore Natural Gas Processing, SO2 Emissions	<input type="checkbox"/> 40 CFR60 SUBPART LLL	See Applicable Subpart	See Applicable Subpart
<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(f) <input type="checkbox"/> Rule 403.1(h) <input type="checkbox"/> Rule 1158(j)
<input type="checkbox"/> Open Storage	<input type="checkbox"/> Rule 403 (06/03/05) <input type="checkbox"/> Rule 403.1 (04/02/04)	<input type="checkbox"/> Rule 403(d)(4)	<input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h)
<input type="checkbox"/> Outer Continental Shelf Platform	<input type="checkbox"/> Rule 1183 (03/12/93) <input type="checkbox"/> 40 CFR55	<input type="checkbox"/> 40 CFR55 See Applicable Subpart	<input 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
<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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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"/> Rule 465 (08/13/99) <input type="checkbox"/> Rule 468 (10/08/76) <input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> Rule 1118 (11/04/05) <input type="checkbox"/> Rule 1123 (12/07/90) <input type="checkbox"/> Rule 1189 (01/21/00) <input type="checkbox"/> 40 CFR60 SUBPART J <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 <input type="checkbox"/> 40 CFR63 SUBPART EEEE <input type="checkbox"/> 40 CFR63 SUBPART GGGGG <input type="checkbox"/> Title 13 CCR 2250	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> AQMD TM 6.1 or 6.2 <input type="checkbox"/> AQMD TM 6.1 or 6.2 <input type="checkbox"/> Rule 1118(j) N/A <input type="checkbox"/> Rule 1189(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 1118(f), (g), (h), & (i) <input type="checkbox"/> Rule 1123(c) <input type="checkbox"/> Rule 1189(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Petroleum Refineries, Fugitive Emissions	<input type="checkbox"/> Rule 1173 (02/06/09) <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"/> 40 CFR60 SUBPART GGG <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 1173(j) <input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) <input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) 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 1178 (04/07/06) <input type="checkbox"/> 40 CFR60 SUBPART K <input type="checkbox"/> 40 CFR60 SUBPART Ka <input type="checkbox"/> 40 CFR60 SUBPART Kb <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"/> 40 CFR63 SUBPART EEEE	<input type="checkbox"/> Rule 463(g) <input type="checkbox"/> Rule 1178(i) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 463(e)(5) <input type="checkbox"/> Rule 1178(f) & (h) 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 464 (12/07/90) <input type="checkbox"/> 40 CFR60 SUBPART QQQ <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1176(h) N/A See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Pharmaceuticals & Cosmetics Manufacturing	<input type="checkbox"/> Rule 1103 (03/12/99) <input type="checkbox"/> 40 CFR63 SUBPART GGG	<input type="checkbox"/> Rule 1103(f) See Applicable Subpart	<input type="checkbox"/> Rule 1103(e) See Applicable Subpart
<input type="checkbox"/> Polyester Resin Operation	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1162 (07/08/05) <input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1162(f) <input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1162(e) <input type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Primary Magnesium Refining	<input type="checkbox"/> 40 CFR63 SUBPART TTTT	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Printing Press	See Coating Operations		
<input type="checkbox"/> Publicly Owned Treatment Works Operations	<input type="checkbox"/> Rule 1179 (03/06/92) <input type="checkbox"/> 40 CFR60 SUBPART O	<input type="checkbox"/> Rule 1179(e) See Applicable Subpart	<input type="checkbox"/> Rule 1179(c) & (d) See Applicable Subpart
<input 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 GGGGG	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	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART X	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Soil Decontamination / Excavation	<input type="checkbox"/> Rule 1166 (05/11/01)	<input type="checkbox"/> Rule 1166(e)	<input type="checkbox"/> Rule 1166(c)(1)(C)
	<input type="checkbox"/> 40 CFR63 SUBPART GGGGG	See Applicable Subpart	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 type="checkbox"/> Storage Tank, Degassing Operation	<input type="checkbox"/> Rule 1149 (07/14/95)	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC		

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Section II - Applicable Requirements, Test Methods, & MRR Requirements

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Storage Tank, Greater Than 19,815 Gallon Capacity	<input type="checkbox"/> Rule 463 (05/06/05) <input type="checkbox"/> Rule 1178 (04/07/06) <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 CFR60 SUBPART K <input type="checkbox"/> 40 CFR60 SUBPART Ka <input type="checkbox"/> 40 CFR60 SUBPART Kb <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40CFR63 SUBPART BBBBBB <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 463(g) <input type="checkbox"/> Rule 1178(i) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 463(e)(5) <input type="checkbox"/> Rule 1178(h) 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 type="checkbox"/> Turbine, Stationary Gas-Fired	<input type="checkbox"/> Rule 1134 (08/08/97) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> 40 CFR60 SUBPART GG <input type="checkbox"/> 40 CFR60 SUBPART KKKK <input type="checkbox"/> 40 CFR63 SUBPART YYYY	<input type="checkbox"/> Rule 1134(e) & (g) <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1134(d) & (f) See Applicable Subpart 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 type="checkbox"/> Valves	See Fugitive Emissions or 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 type="checkbox"/> Wastewater Treatment, Other	<input type="checkbox"/> Rule 464 (12/07/90) <input type="checkbox"/> Rule 1176 (09/13/96)	N/A <input type="checkbox"/> Rule 1176(h)	<input 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 checked="" 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 checked="" type="checkbox"/>			<input type="checkbox"/>
1117	1/6/83	<input type="checkbox"/>			<input type="checkbox"/>
1122	07/11/97	<input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	1401	09/10/10	<input checked="" 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 checked="" 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 checked="" 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"/>