

## 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
<b>Process 1: FILM COATING</b>					
<b>System 1: Prime Coating No. 1</b>					
COATER, PRIME COATING LINE NO. 1, 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, 2-1-2008; 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, 2-1-2008; RULE 1171, 5-1-2009]	H23.1
<b>System 2: Coating Line C2</b>					
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, 2-1-2008; 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
<b>System 3: Coating Line C3</b>					
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, 2-1-2008; 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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: FILM COATING</b>					
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, 2-1-2008; RULE 1171, 5-1-2009]	B59.2, H23.1
<b>System 5: Drum Cleaning</b>					
CLEANER, NO. 1, DRUM, CB MILLS, RED HEAD TW-300 SERIES A/N:	D16	C4		VOC: (9) [RULE 1171, 7-14-2006; RULE 1171, 2-1-2008]	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
<b>System 6: Air Pollution Control</b>					
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
<b>Process 2: MIXING OF VINYL COATING</b>					

\* (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
<b>Process 2: MIXING OF VINYL COATING</b>					
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
<b>Process 5: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULE</b>					
<b>System 1:</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E19			VOC: (9) [RULE 1113, 7-13-2007; RULE 1113, 6-3-2011; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	K67.2
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E20			VOC: (9) [RULE 1171, 2-1-2008; 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
<b>Process 5: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULE</b>					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E24			VOC: (9) [RULE 1171, 2-1-2008; 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**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
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

The above VOC limit is for the VOC emissions emitted from the combined two Arlon Graphics LLC owned and operated facilities with I.D. numbers 167066 and 174406.

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.**

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**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.

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### 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

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**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.**

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**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
<b>Process 1: FILM COATING</b>					
<b>System 2: Coating Line C2</b>					
COATER, ROLL, COATING LINE NO. 2 (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, 2-1-2008; 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, 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, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	C6.1, H23.1
<b>System 3: Coating Line C3</b>					
COATER, ROLL, COATING LINE NO. 3 (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, 2-1-2008; 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., 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, 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: 536831 Permit to Construct Issued: 07/10/12	D25	C4 C28		VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	B59.2, H23.1

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

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

## FACILITY PERMIT TO OPERATE 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
<b>Process 1: FILM COATING</b>					
<b>System 4: Coating Line No. 4</b>					
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, 2-1-2008; RULE 1171, 5-1-2009]	B59.4, 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 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
<b>Process 1: FILM COATING</b>					
OVEN, LINE (C4), ASI, MODEL C4E-7500-68-I/R-DGPJDS, FOUR ZONES, NATURAL GAS, WITH FOUR MAXON OVENPAK LE LOW NOX BURNERS, TOTAL 5.2 MMBTU/HR HEAT INPUT WITH A/N:  BURNER, ZONE 1, MAXON, MODEL OVENPAK LE, WITH LOW NOX BURNER, 1.3 MMBTU/HR  BURNER, ZONE 2, MAXON, MODEL OVENPAK LE, WITH LOW NOX BURNER, 1.3 MMBTU/HR  BURNER, ZONE 3, MAXON, MODEL OVENPAK LE, WITH LOW NOX BURNER, 1.3 MMBTU/HR  BURNER, ZONE 4, MAXON, MODEL OVENPAK LE, WITH LOW NOX BURNER, 1.3 MMBTU/HR	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, 6-3-2011]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	D29.3, H23.1
<b>System 5: Drum Cleaning</b>					

\* (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
<b>Process 1: FILM COATING</b>					
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, 2-1-2008; 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
<b>System 6: Air Pollution Control</b>					
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, 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

\* (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**

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

The above VOC limit is for the VOC emissions emitted from the combined two Arlon Graphics LLC owned and operated facilities with I.D. numbers 167066 and 174406.

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**

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.

[**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 :

## **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:**

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)

[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**]

## **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:**

[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.

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.

## 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 : 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

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.

## 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 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
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<sub>x</sub> 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) NO<sub>x</sub> 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]