

## **FACILITY PERMIT TO OPERATE**

**ARLON GRAPHICS LLC  
200 BOYSENBERRY LN  
PLACENTIA, CA 92870**

### **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 LLC

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## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### 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 1: Prime Coating No. 1</b>					
COATER, PRIME COATING LINE NO. 1, FAUSTEL, GRAVURE ROLLER COATER WITH TWO 2 H.P. DRIVES A/N: 557373 Permit to Construct Issued: 04/16/14	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, 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: 557373 Permit to Construct Issued: 04/16/14	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, CASTING LINE NO. 2 (C2), FAUSTEL, WITH TWO 1 H.P. AND TWO 3 H.P. MOTORS A/N: 563696 Permit to Construct Issued: 01/07/15	D13	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]	B59.6, E57.1, H23.1

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

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



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<b>Process 1: FILM COATING</b>					
BURNER, ZONE 4, MAXON, MODEL OVENPAK LE, LOW NOX BURNER, 1.3 MMBTU/HR, 7 FT 6 IN W. X 7 FT H. X 20 FT L., WITH A 7.5 H.P. AIR SUPPLY FAN  STACK, AUXILIARY, DIAMETER: 2 FT 6 IN					
LAMINATOR, COATING LINE 2, WITH TWO 3 H.P. MOTOR A/N: 563696 Permit to Construct Issued: 01/07/15	D52				
<b>System 3: Coating Line C3</b>					
COATER, COATING LINE, NO. 3 (C3), COMMA ROLLCOATING, FAUSTEL, MODEL MARK V SERIES, WITH A 2 H.P. MOTOR A/N: 563695 Permit to Construct Issued: 01/07/15	D14	C28		<b>HAP:</b> (10) [40CFR 63 Subpart JJJJ, 12-4-2002]; <b>VOC:</b> (9) [RULE 1128, 3-8-1996; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	B59.5, E57.1, H23.1

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit  
 (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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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 LINE NO. 3 (C3), FAUSTEL, 11,200 ACFM., THREE ZONES, NATURAL GAS, 8 FT W. X 100 FT L. X 4 FT. H. AND A 30 H.P. EXHAUST BLOWER WITH A/N: 563695 Permit to Construct Issued: 01/07/15   BURNER, ZONE 1, MAXON, MODEL , CROSSFIRE, LOW NOX BURNER, 1.0 MMBTU/HR, 7 FT 6 IN W. X 4 FT 6 IN H. X 30 FT L., WITH A 15 H.P. AIR SUPPLY FAN  BURNER, ZONE 2, MAXON, MODEL CROSSFIRE, LOW NOX BURNER, 1.0 MMBTU/HR, 7 FT 6 IN W. X 4 FT 6 IN H. X 26 FT L., WITH A 50 H.P. AIR SUPPLY FAN  BURNER, ZONE 3, MAXON, MODEL CROSSFIRE, LOW NOX BURNER, 2.0 MMBTU/HR, 7 FT 6 IN W. X 4 FT 6 IN H. X 20 FT L., WITH A 25 H.P. AIR SUPPLY FAN	D3	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]; VOC: (9) [RULE 1128, 3-8-1996]	D29.3, E57.1, H23.1, I297.5

\* (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.)  
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: FILM COATING</b>					
STACK, AUXILIARY, DIAMETER: 2 FT 10 IN					
LAMINATOR, COATING LINE 3, WITH ONE 5 H.P. MOTOR AND ONE 3 H.P. MOTOR A/N: 563695 Permit to Construct Issued: 01/07/15	D47				
PRESS, FLEXOGRAPHIC, COATING LINE 3, WOLVERINE, MODEL NO. 66-1, 66 INCH WEB WIDTH, ONE COLOR A/N: 563695 Permit to Construct Issued: 01/07/15	D25	D16		VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	A63.1, B59.2, H23.1
<b>System 4: Coating Line No. 4</b>					
COATER, ROLL, CASTING LINE C-4, FAUSTEL COATING HEAD, KNIFE-OVER-ROLL TYPE A/N: 556097 Permit to Construct Issued: 04/16/14	D30	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, E57.1, H23.1

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

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<b>Process 1: FILM COATING</b>					
<b>System 5: Drum Cleaning</b>					
CLEANER, NO.1, DRUM, CB MILLS, RED HEAD TW-300 SERIES, 1/4 H.P. BLOWER, 150-GALLON STORAGE TANKS EACH FOR CLEAN SOLVENT AND CONTAMINATED SOLVENT A/N: 556093 Permit to Construct Issued: 04/16/14	D16	D25 C58		VOC: (9) [RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	B59.1, H23.1, K67.3
STILL, SOLVENT RECOVERY, C.B. MILLS, MODEL NO. RED-HEAD RHS-30, 30 GLLON CAPACITY, ELECTRICALLY HEATED, AND A WATER-COOLED CONDENSER, WIDTH: 6 FT 10 IN; LENGTH: 6 FT 2 IN; HEIGHT: 9 FT 7 IN; 30 KW A/N: 556094 Permit to Construct Issued: 04/16/14	D17	C28 C58			B59.1, C1.2, C8.3, K67.5
<b>System 6: Air Pollution Control</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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: FILM COATING</b>					
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: 563697 Permit to Construct Issued: 01/07/15  BURNER, NATURAL GAS, MAXON, MODEL KINEDIZER LE LOW NOX BURNER, 14.45 MMBTU/HR	C28	D2 D3 D13 D14 D17 D30 D31 D36 D38 C58 D59 D60 D61 D62	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, 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, I297.1
PERMANENT TOTAL ENCLOSURE, COMPOUND MIX ROOM, WITH FILTER BOX, THREE 24" X 24" X 2" EXHAUST FILTERS,, 3-HP. BLOWER MOTOR, VENTING FOUR MIXERS., WIDTH: 71 FT ; HEIGHT: 33 FT ; LENGTH: 101 FT A/N: 563697 Permit to Construct Issued: 01/07/15	C58	D16 D17 C28 D59 D60 D61 D62			C6.2, D322.1, E193.2, H23.1, K67.1
<b>System 7: Coating Line C5</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  
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<b>Process 1: FILM COATING</b>					
COATER, ROLL, LINE C-5, CARTRIDGE COATING SYSTEM WITH A 3 H.P. ROLLER, AND A 5 H.P. APPLICATOR ROLLER A/N: 556096 Permit to Construct Issued: 04/16/14	D36	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]	B59.5, E57.1, 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.)  
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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, LINE C-5, FIVE ZONES, WITH FOUR MAXON OVENPAK LE LOW NOX BURNERS, TOTAL 4.2 MMBTU/HR HEAT INPUT WITH A/N: 556096 Permit to Construct Issued: 04/16/14  BURNER, ZONE 1, MAXON, MODEL OVENPAK LE, LOW NOX BURNER, 0.8 MMBTU/HR  BURNER, ZONE 2, MAXON, MODEL OVENPAK LE, LOW NOX BURNER, 0.8 MMBTU/HR  BURNER, ZONE 3, MAXON, MODEL OVENPAK LE, LOW NOX BURNER, 1.3 MMBTU/HR  BURNER, ZONE 4, MAXON, MODEL OVENPAK LE, LOW NOX BURNER, 1.3 MMBTU/HR  STACK, AUXILIARY, DIAMETER: 2 FT 10 IN	D38	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]; VOC: (9) [RULE 1128, 3-8-1996]	D29.3, E57.1, H23.1, I297.3

- \* (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
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- (6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: FILM COATING</b>					
PRESS, FLEXOGRAPHIC, ONE COLOR, WITH A 5 H.P. APPLICATOR ROLL A/N: 556096 Permit to Construct Issued: 04/16/14	D43			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	A63.1, B59.2, H23.1
<b>Process 2: MIXING OF VINYL COATING</b>					
MIXING STATION, NO. 1, CASTING, MYERS, MODEL NO. 800A-30-1644, SERIAL NO. 2633, 250-GAL CAPACITY, (MAX), 30-HP MOTOR, LOCATED IN COMPOUND MIX ROOM PTE A/N: 569476 Permit to Construct Issued: 01/07/15	D59	C28 C58		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	E57.2, E175.1, H23.1
MIXING STATION, NO. 2, CASTING, MYERS, MODEL NO. 800A-30-1644, SERIAL NO. 2634, 250-GAL CAPACITY, (MAX), 30-HP MOTOR, LOCATED IN COMPOUND MIX ROOM PTE A/N: 569478 Permit to Construct Issued: 01/07/15	D60	C28 C58		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	E57.2, E175.1, H23.1
MIXING STATION, NO. 3, CASTING, MYERS, MODEL NO. 800A-30-1644, SERIAL NO. 2635, 250-GAL CAPACITY, (MAX), 30-HP MOTOR, LOCATED IN COMPOUND MIX ROOM PTE A/N: 569479 Permit to Construct Issued: 01/07/15	D61	C28 C58		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	E57.2, E175.1, H23.1

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 (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.)  
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<b>Process 2: MIXING OF VINYL COATING</b>					
MIXING STATION, COLOR MIXER, PIGMENT, ARMENCO, MODEL NO. 7000, SERIAL NO. 390237, 250-GAL CAP., (MAX), 30-HP MOTOR, LOCATED IN COMPOUND MIX ROOM PTE. A/N: 569480 Permit to Construct Issued: 01/07/15	D62	C28 C58		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	E57.2, E175.1, H23.1
<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, 9-6-2013; 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, H23.4, K67.4
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

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- (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
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- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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<b>Process 6: INTERNAL COMBUSTION ENGINES</b>					
<b>System 1: EMERGENCY IC ENGINES</b>					
INTERNAL COMBUSTION ENGINE, 4 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, PERKINS (CATERPILLAR), MODEL C4.4, 98 BHP WITH A/N: 569475 Permit to Construct Issued: 01/07/15	D53	C54		CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; 40CFR 60 Subpart III, 1-30-2013]; HAP: (10) [40CFR 63SubpartZZZZ, 3-9-2011]; NOX: 88.9 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart III, 1-30-2013]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.22 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; 40CFR 60 Subpart III, 1-30-2013]	C1.4, D12.1, E116.1, E448.2, H23.5, K67.6
DIESEL PARTICULATE FILTER, AND A DATA LOGGING AND ALARM SYSTEM., MIRATECH, MODEL LTRV2-2-2.5-XR1	C54	D53			

\* (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 LLC**

**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 LLC**

**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	3	1	2
D3	5	1	3
D13	1	1	2
D14	3	1	3
D16	7	1	5
D17	7	1	5
E19	12	5	1
E20	12	5	1
E21	12	5	1
E22	12	5	1
E24	12	5	1
D25	5	1	3
D26	1	1	1
D27	1	1	1
C28	8	1	6
D30	5	1	4
D31	6	1	4
D36	9	1	7
D38	10	1	7
D43	11	1	7
D47	5	1	3
D52	3	1	2
D53	13	6	1
C54	13	6	1
C58	8	1	6
D59	11	2	0
D60	11	2	0
D61	11	2	0
D62	12	2	0

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### 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 LLC

### 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]

F48.1 The operator shall not use at this facility materials containing toxic air contaminants allowed by the device conditions, such that there is no compliance with Rule 1401. The operator shall perform health risk assessment at least at six-monthly interval to show that the facility emissions has not caused more than 1 in a million cancer risk and caused both acute and chronic hazard risks in excess of 1.

[RULE 1401, 9-10-2010]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

40CFR60 SUBPART RR

[**40CFR 60 Subpart RR, 10-17-2000**]

### DEVICE CONDITIONS

#### A. Emission Limits

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

CONTAMINANT

EMISSIONS LIMIT

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## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

VOC | Less than 1 LBS IN ANY ONE DAY

The operator shall maintain adequate daily records in a manner approved by the District to show compliance with this condition. The records shall be maintained for five years after they are recorded and shall be made available to District personnel upon request.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D25, D43]

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 : C28]

A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 95.0 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 : 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 September 10, 2010 or earlier, except methyl ethyl ketone (MEK) and xylene.

[**RULE 1401, 8-18-2000**]

[Devices subject to this condition : D16, D17]

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 September 10, 2010 or earlier, except proplene glycol monomethyl ether (CAS # 107-98-2) and ethylene glycol monobutyl ether (CAS # 111-76-2).

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D25, D43]

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 triethylamine (CAS # 121-44-8).

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D26]

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 September 10, 2010 or earlier, except Ethylbenzene (CAS # 100-41-4), Formaldehyde (CAS # 50-00-0), Xylene(CAS # 1330-20-7), Toluene (CAS # 108-88-3), Ethylene Glycol Monobutyl Ether (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]

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### 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 : D30]

B59.5 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 September 10, 2010 or earlier except Ethyl Benzene (CAS # 100-41-1), Xylene (CAS # 1330-20-7), Toluene (CAS # 108-88-3), Ethylene Glycol Monobutyl Ether (CAS # 111-76-2), Isopropyl Alcohol (CAS # 67-63-0), Methyl Ethyl Ketone (CAS # 78-93-3), Hexane (CAS # 110-54-3) and Propylene Glycol Monobutyl Ether (CAS # 107-98-2).

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D14, D36]

B59.6 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 September 10, 2010 or earlier, except Ethylbenzene (CAS # 100-41-4), Formaldehyde (CAS # 50-00-0), Xylene(CAS # 1330-20-7), Toluene (CAS # 108-88-3), Glycol Ether (CAS # 111-80-5, 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 : D13]

#### **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]

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- 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]

- C1.4 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

This engine shall not operate more than 50 hours in any one year for maintenance and testing.

The operation of engine beyond 50 hours per year allotted for maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage.

Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D53]

- C6.2 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 1 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.

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### 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 : C58]

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.

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

[Devices subject to this condition : D17]

**D. Monitoring/Testing Requirements**

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

[Devices subject to this condition : D53]

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

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

VOC	Approved District method	1 hour	Simultaneous inlet and outlet
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The test(s) shall be conducted at least once every five years.

The test shall be conducted no later than February 4, 2018 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 : 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

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 LLC**

### **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) 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.

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 LLC

### 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 LLC

### 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 : D2, D3, D31, D38]

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 : C58]

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.

## **FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC**

### **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 : 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**

E57.1 The operator shall vent this equipment to air pollution control equipment that is properly operating whenever the coating line is in operation or VOC-containing material is being processed through this equipment.

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

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### 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 : D2, D3, D13, D14, D30, D31, D36, D38]

E57.2 The operator shall vent this equipment to air pollution control equipment that is properly operating whenever this equipment is in operation.

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

[Devices subject to this condition : D59, D60, D61, D62]

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]

E116.1 This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.

[Devices subject to this condition : D53]

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 : D59, D60, D61, D62]

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

## **FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC**

### **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 LLC

### 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 : C28]

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

as a permanent total enclosure to comply with all criteria specified in EPA Method 204.

**[RULE 1128, 3-8-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : C58]

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

## **FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC**

### **SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

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

This engine shall not be operated unless its exhaust is vented to a diesel particulate filter system which is in full operation and which is in good operating condition at all times.

The diesel particulate filter system installed on this engine shall maintain at least 85% control efficiency for particulate matter emissions.

The operator shall not operate the diesel particulate filter system without an operational data logging and alarm system

A gauge shall be installed to indicate in inches of water, the back pressure of the diesel particulate filter system. In operation, the maximum back pressure of the crt diesel particulate filter system shall not exceed 11 inches W.C.

This engine shall not be operated below passive regeneration temperature for more than 720 consecutive minutes.

The operator shall regenerate the diesel particulate filter after every 18 cold start-ups and 30-minute idle sessions or whenever a warning signal is received from the alarm system. In order to achieve re-generation, the operator shall run the engine until the exhaust temperature exceeds 500 degrees Fahrenheit and the backpressure monitoring system indicates a normal backpressure reading.

The temperature of the engine exhaust gas at the inlet to the diesel particulate filter system shall be greater than or equal to 260 degrees Centigrade (500 degrees Fahrenheit), except during cold engine start-up, not to exceed 10 minutes.

Removal of the diesel particulate filter system's filter media for cleaning shall only occur under the following conditions:

A. The internal combustion engine shall not be operated for maintenance and testing or any other non-emergency use while the diesel particulate filter media is removed; and

B. The diesel particulate filter's filter media shall be returned and re-installed

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

within 10 working days from the date of removal.

The owner or operator shall maintain records indicating the date(s) the diesel particulate filter's filter media was removed for cleaning and the date(s) the filter media was re-installed. Records shall be retained for a minimum period of five years and made available to District personnel upon request.

[Devices subject to this condition : D53]

#### **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, D30, D31, D36, D38, D43, C58, D59, D60, D61, D62]

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]

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

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1155

[RULE 1155, 12-4-2009]

[Devices subject to this condition : E22]

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

Contaminant	Rule	Rule/Subpart
Sulfur compounds	District Rule	431.2
HAPs	40CFR63, SUBPART	ZZZZ
PM	District Rule	1470
-	40CFR60, SUBPART	III

[Devices subject to this condition : D53]

#### I. Administrative

I297.1 This equipment shall not be operated unless the facility holds 586 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
April 1 through June 30	147
July 1 through September 30	146
October 1 through December 31	147
January 1 through March 31	146

**[RULE 2005, 6-3-2011]**

[Devices subject to this condition : C28]

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

I297.2 This equipment shall not be operated unless the facility holds 1686 pounds of NO<sub>x</sub> RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

Calendar Quarter	Emission Limit (Pounds of NO <sub>x</sub> RTCs)
April 1 through June 30	422
July 1 through September 30	421
October 1 through December 31	422

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

January 1 through March 31

| 421

**[RULE 2005, 6-3-2011]**

[Devices subject to this condition : D31]

I297.3 This equipment shall not be operated unless the facility holds 1362 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
April 1 through June 30	341
July 1 through September 30	340
October 1 through December 31	341
January 1 through March 31	340

**[RULE 2005, 6-3-2011]**

[Devices subject to this condition : D38]

I297.4 This equipment shall not be operated unless the facility holds 1685 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
January 1 through March 31	422
April 1 through June 30	421
July 1 through September 30	421
October 1 through December 31	421

**[RULE 2005, 6-3-2011]**

[Devices subject to this condition : D2]

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

1297.5 This equipment shall not be operated unless the facility holds 1296 pounds of NO<sub>x</sub> RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

Calendar Quarter	Emission Limit (Pounds of NO <sub>x</sub> RTCs)
January 1 through March 31	324
April 1 through June 30	324
July 1 through September 30	324

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

October 1 through December 31

| 324

**[RULE 2005, 6-3-2011]**

[Devices subject to this condition : D3]

#### **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]**

[Devices subject to this condition : C58]

K67.2 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 LLC

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

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 : D16]

- K67.4 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

## FACILITY PERMIT TO OPERATE ARLON GRAPHICS LLC

### 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 : 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]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

- A. Emergency use hours of operation
- B. Maintenance and testing hours
- C. Other operating hours (describe the reason for operation)

In addition, each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the time meter reading (in hours and tenths of hours) at the beginning and end of operation.

Engine operating log shall be retained on site for a minimum of five calendar years and shall be made available to the Executive Officer or representative upon request.

[Devices subject to this condition : D53]