

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

### 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: Lithographic Printing Systems</b>					
PRINTING PRESS, LITHOGRAPHIC, HARRIS, MODEL NO. M-110, FOUR COLOR, 26.5 INCH WIDTH A/N:	D19			<b>VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]</b>	B59.7, B163.1, B163.4, H23.3, K67.1
DRYER, TEC, SERIES 80, NATURAL GAS, ONE ZONE, 1.50 MMBTU/HR, LOW NOX BURNER, 1.5 MMBTU/HR A/N:	D20	C59 C69	NOX: PROCESS UNIT**	<b>CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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]</b>	E133.1
PRINTING PRESS, LITHOGRAPHIC, HARRIS, MODEL NO. M-110, FOUR COLOR, 26.5 INCH WIDTH A/N:	D67			<b>VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]</b>	B59.7, B163.1, B163.4, H23.3, K67.1
DRYER, TEC, SERIES 80, NATURAL GAS, ONE ZONE, 1.5 MMBTU/HR, LOW NOX BURNER, 1.5 MMBTU/HR A/N:	D68	C59 C69	NOX: PROCESS UNIT**	<b>CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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]</b>	E133.1
PRINTING PRESS, LITHOGRAPHIC, GOSS, MODEL NO. M-500, FOUR COLOR, 28 INCH WIDTH A/N:	D72			<b>VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]</b>	B59.7, B163.1, B163.4, H23.3, K67.1

\* (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 TREND OFFSET PRINTING SERVICES, INC

### 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: Lithographic Printing Systems</b>					
DRYER, GOSS, MODEL ECOWEB PLUS 89-1020, NATURAL GAS, WITH LOW NOX BURNERS, TWO ZONES, EACH 1 MMBTU/HR, 2 MMBTU/HR A/N:	D73	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG HARRIS, MODEL NO. M600, EIGHT COLOR, 38 INCH WIDTH A/N: 494732	D6			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B163.1, B163.4, H23.3, K67.1
DRYER, TEC, NATURAL GAS, TWO ZONES, EACH WITH TWO BURNERS, 9.76 MMBTU/HR A/N: 494732	D7	C59 C69	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]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG, MODEL NO. V-30, TWELVE COLOR, 36 INCH WIDTH, AIR DRY A/N: 450558	D37			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.4, B163.1, B163.4, H23.3, K67.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG, MODEL NO. V-30, TWELVE COLOR, 36 INCH WIDTH, AIR DRY A/N: 450559	D38			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.4, B163.1, B163.4, H23.3, K67.1

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

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

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: Lithographic Printing Systems</b>					
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL NO. M-600, DUAL WEB-FED OFFSET, FOUR COLOR PLUS UV COATER, 38 INCH WIDTH A/N: 495126	D39			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B163.1, B163.4, H23.3, K67.1
DRYER, MODEL NO. TEC-CP-311, NATURAL GAS, 2.567 MMBTU/HR A/N: 495126	D40	C59 C69	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]	E133.1
DRYER, MODEL NO. TEC-CP-311, NATURAL GAS, 2.567 MMBTU/HR A/N: 495126	D41	C59 C69	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]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL NO. M-655, WEB-FED OFFSET, EIGHT COLOR, 38 INCH WIDTH, WITH AUTOMATIC BLANKET WASH SYSTEM A/N: 494737	D53			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.4, B163.1, B163.4, H23.3, K67.1

- \* (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 TREND OFFSET PRINTING SERVICES, INC

### 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: Lithographic Printing Systems</b>					
DRYER, HEIDELBERG CONTIWEB, MODEL ECOWEB PLUS 106-1020, NATURAL GAS, WITH LOW NOX BURNER, 2.4 MMBTU/HR A/N: 494737	D56	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL NO. M-655, WEB-FED OFFSET, EIGHT COLOR, 38 INCH WIDTH, WITH AUTOMATIC BLANKET WASH SYSTEM A/N: 495127	D65			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.4, B163.1, B163.4, H23.3, K67.1
DRYER, HEIDELBERG CONTIWEB, MODEL ECOWEB PLUS 106-1020, NATURAL GAS, WITH LOW NOX BURNER, 2.4 MMBTU/HR A/N: 495127	D57	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL NO. V-30, 16- COLOR, 36 INCH WEB WIDTH, EIGHT WEBS A/N: 450564	D58			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.4, B163.1, B163.4, H23.3, K67.1

- \* (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.

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<b>Process 1: Lithographic Printing Systems</b>					
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL SUNDAY 2000, WEB-FED OFFSET, EIGHT COLOR, 57 INCH WIDTH, WITH AUTOMATIC BLANKET WASH SYSTEM A/N: 494734	D60			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.4, B163.1, B163.4, H23.3, K67.1
DRYER, HEIDELBERG CONTIWEB BV, MODEL ECOCOO/W 130-1460, NATURAL GAS, WITH LOW NOX BURNER, 4.9 MMBTU/HR A/N: 494734	D61	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL SUNDAY 2000, WEB-FED OFFSET, EIGHT COLOR, 57 INCH WIDTH, WITH AUTOMATIC BLANKET WASH SYSTEM A/N: 494736	D66			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.4, B163.1, B163.4, H23.3, K67.1
DRYER, HEIDELBERG CONTIWEB BV, MODEL ECOCOO/W 130-1460, NATURAL GAS, WITH LOW NOX BURNER, 4.9 MMBTU/HR A/N: 494736	D62	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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]	E133.1

\* (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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### 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: Lithographic Printing Systems</b>					
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, M-8L, S/N OJ9798, FIVE COLOR STATIONS, 26.5 INCH WIDTH A/N:	D75			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.8, B163.1, B163.4, H23.3, K67.1
DRYER, MEGTEC, ATLAS 2700, S/N DT 98169-984819, NATURAL GAS, WITH TWO 1.5-MMBTU/HR BURNERS, MAXON, CYCLOMAX 1.5M, LOW NOX A/N:	D76	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 6-3-2011]; 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]	D182.6, E133.1, I297.2
<b>Process 2: Air Pollution Control Systems</b>					
AFTERBURNER, HOT ROCK, ADVANTAGE ENERGY GROUP, MODEL PREMIER 22.5 RTO, ONE 150 H.P. EXHAUST BLOWER, NATURAL GAS, ONE 10 H.P. COMB. AIR FAN, TWO HEAT EXCHANGERS AND ONE ABSORPTION CHILLER, 6.4 MMBTU/HR A/N:	C59	D7 D20 D40 D41 D56 D57 D61 D62 D68 D73 D76 D78 D80	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 (5) [RULE 409, 8-7-1981]	A72.1, D182.4, D182.5, E193.2

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

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

### 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: Air Pollution Control Systems</b>					
AFTERBURNER, HOT ROCK, ADWEST, RETOX 25.0 RTO95, MAXON KINEMAX 6G BURNER, ONE 100-HP EXHAUST BLOWER, NATURAL GAS, ONE 10-HP COMBUSTION BLOWER, AND ONE 3-MMBTU/HR NATURAL GAS INJECTION SYSTEM, 7.225 MMBTU/HR A/N:	C69	D7 D20 D40 D41 D56 D57 D61 D62 D68 D73 D76 D78 D80	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 (5) [RULE 407, 4-2-1982]	A72.1, C1.1, D182.4, D182.5, E193.2
<b>Process 3: Solvent Recovery</b>					
CENTRIFUGE, BLANKET-WASH SOLVENT RECOVERY A/N: 450565	D63				H23.4
<b>Process 4: Rule 219-Exempt Equipment Subject to Source Specific Rule(s)</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E22			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.2
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E23			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.3
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E24			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E25				H23.2
RULE 219 EXEMPT EQUIPMENT, PRINTING EQUIPMENT, INKJET PRINTER	E64			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.3, H23.4

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
- (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  
TREND OFFSET PRINTING SERVICES, INC**

**SECTION D: DEVICE ID INDEX**

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

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

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D6	2	1	0
D7	2	1	0
D19	1	1	0
D20	1	1	0
E22	7	4	0
E23	7	4	0
E24	7	4	0
E25	7	4	0
D37	2	1	0
D38	2	1	0
D39	3	1	0
D40	3	1	0
D41	3	1	0
D53	3	1	0
D56	4	1	0
D57	4	1	0
D58	4	1	0
C59	6	2	0
D60	5	1	0
D61	5	1	0
D62	5	1	0
D63	7	3	0
E64	7	4	0
D65	4	1	0
D66	5	1	0
D67	1	1	0
D68	1	1	0
C69	7	2	0
D72	1	1	0
D73	2	1	0
D75	6	1	0
D76	6	1	0

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**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 10,890 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Organic Compound(VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

For the purpose of this condition, the VOC emission limit shall be applicable to all VOC-emitting equipment and operations that are required to have written permits or are exempt from written permits pursuant to Rule 219.

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

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[**RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

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 overall control efficiency of 95 percent for VOC during the normal operation of the equipment it vents.

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

[Devices subject to this condition : C59, C69]

#### **B. Material/Fuel Type Limits**

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

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### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Materials containing any toxic air contaminants (TAC) identified in Rule 1401, Table 1, with an effective date of March 4, 2005 or earlier, except for the following:

- a. Acrylic acid, copper, diethanolamine, ethyl benzene, ethylene glycol, ethylene glycol monobutylether, hexane, hydrogen chloride, isopropyl alcohol, manganese, methanol, methyl ethyl ketone, phosphoric acid, sulfuric acid, toluene, vinyl acetate, and xylene.
- b. Any other non-carcinogenic TAC provided that its concentration in the material is less than 1.0 percent by weight.
- c. Benzene (CAS # 71-43-2), formaldehyde (CAS # 50-00-0), naphthalene (CAS # 91-20-3) and perchloroethylene (CAS # 127-18-4) provided that the concentration of each of the preceding four compounds in the material is less than 0.1 percent by weight.
- d. Bis(2-ethylhexyl)phthalate (DEHP) (CAS # 117-81-7) provided that the concentration of this compound in the material is less than 1.0 percent by weight.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D37, D38, D53, D58, D60, D65, D66]

B59.7 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants (TAC) identified in Rule 1401, Table 1, with an effective date of September 10, 2010 or earlier, except ethylene glycol butyl ether (CAS No. 111-76-2), ethylene glycol (CAS No. 107-21-1), and xylene (CAS No. 1330-20-7).

[RULE 1401, 9-10-2010]

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D19, D67, D72]

B59.8 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants (TAC) identified in Rule 1401, Table 1, with an effective date of September 10, 2010 or earlier, except ethylene glycol butyl ether (CAS No. 111-76-2), ethylene glycol (CAS No. 107-21-1), sodium hydroxide (CAS No. 1310-73-2), and xylene (CAS No. 1330-20-7).

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D75]

B163.1 The operator shall not use fountain solution containing the following:

more than 8 percent by volume of volatile organic compounds (VOC) as applied.

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

[Devices subject to this condition : D6, D19, D37, D38, D39, D53, D58, D60, D65, D66, D67, D72, D75]

B163.4 The operator shall not use equipment clean-up solvent containing the following:

more than 10 mm Hg VOC composite partial pressure.

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

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D6, D19, D37, D38, D39, D53, D58, D60, D65, D66, D67, D72, D75]

#### **C. Throughput or Operating Parameter Limits**

C1.1 The operator shall limit the natural gas fuel usage to no more than 7690 cubic feet in any one day.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage in the natural gas fired startup burner.

The natural gas usage being monitored shall be recorded at the end of each day. A hard copy of the daily natural gas usage log shall be maintained as part of the facility operating records.

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

[Devices subject to this condition : C69]

#### **D. Monitoring/Testing Requirements**

D182.4 The operator shall test this equipment in accordance with the following specifications:

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A. The test shall be conducted at least once every five years.

B. The test shall be conducted no later than May 8, 2014 unless otherwise approved in writing by the District.

C. The test shall be conducted to determine the voc emissions using an approved district method to demonstrate compliance with all applicable permit condition(s), rules and regulations.

D. The source test shall be conducted while the oxidizer 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.

E. The operator shall comply with administrative conditions nos. 9, 10, and 11 of section E of this facility permit.

F. The operator shall submit two complete copies of the source test report specified in condition no. 10 of section e of this facility permit to the district engineering and compliance division.

G. The engineering copy of the report shall be sent to: South Coast Air Quality Management District, Coating, Printing and Aerospace Operations, attn: Air Quality and Compliance Supervisor, 21865 Copley Drive, Diamond Bar, CA 91765.

H. The compliance copy of the report shall be sent to: South Coast Air Quality Management District, P.O. Box 4941, Diamond Bar, CA 91765.

**[RULE 1130, 10-8-1999; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C59, C69]

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

D182.5 The operator shall test this equipment in accordance with the following specifications:

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

The source tests shall be conducted no later than April 30, 2010 unless otherwise approved in writing by the District.

A testing laboratory certified by the California Air Resources Board in the required test methods for criteria pollutants to be measure, and in compliance with District Rule 304 (no conflict of interest) shall conduct the tests.

Sampling facilities shall comply with the District guidelines for construction of sampling and testing facilities, pursuant to Rule 217.

A source test protocol shall be submitted to the District no later than 30 days from the permit issuance date and shall be approved in writing by the District before the test commences unless otherwise approved in writing by the District.

The test protocol shall include the completed District Forms ST-1 and ST-2 specifying the proposed operating conditions of the equipment during the test, the identity of the testing laboratory, a statement from the testing laboratory certifying it meets the criteria in District Rule 304(k), and a description of the sampling and analytical procedures to be used.

The source tests shall consist of, but may not be limited to, testing at the inlet and the exhaust of the oxidizer for: (1) Volatile organic compound (VOC) in ppmv and lbs/hr, (2) Oxides of nitrogen in ppmv and lbs/hr (oxidizer exhaust only), (3) Carbon monoxide in ppmv and lbs/hr (oxidizer exhaust only), (4) VOC destruction efficiency, (5) VOC collection efficiency, (6) Usage of all VOC-containing materials (coatings, inks, solvents, etc.) during the test, (7) Oxygen content, (8) Moisture content,

(9) flow rate, and (10) temperature

The source tests shall be conducted while the oxidizer 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

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

test.

The operating temperature in the combustion chamber shall be recorded during the entire testing period and included in the source test report.

The C59 oxidizer shall be source tested during normal operation when all printing lines served by the C59 oxidizer are in operation and while the C69 oxidizer is not in operation.

The C69 oxidizer shall be source tested during normal operation when all printing lines served by the C69 oxidizer are in operation and while the C59 oxidizer is not in operation.

A written notice of the source tests shall be submitted to the District (addressed to South Coast Air Quality Management District, P.O. Box 4941, Diamond Bar, CA 91765) at least 14 days prior to the source testing date so that an observer from the District may be present.

Two complete copies of the source test report shall be submitted to the District (addressed to South Coast Air Quality Management District, P.O. Box 4941, Diamond Bar, CA 91765) within 45 days after the source testing date. The source test report shall include by may not be limited to, all testing data required by this condition, and results of all tests (including preliminary tests) that are conducted on this equipment for informational purposes.

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

[Devices subject to this condition : C59, C69]

D182.6 The operator shall test this equipment in accordance with the following specifications:

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A. A source test protocol shall be submitted to the District no later than 60 days after the initial start-up of this equipment unless otherwise approved in writing by the District. The test protocol shall be approved in writing by the District before the test commences.

B. The test protocol shall include the proposed operating conditions of the equipment during the test, the identity of the testing laboratory, a statement from the testing laboratory certifying that it meets the criteria in District Rule 304(k), and a description of the sampling and analytical procedures to be used.

C. The source tests shall consist of, but may not be limited to, testing the exhaust of the dryer during normal operating conditions for (1) Oxides of nitrogen in ppmv and lb/hr, (2) Carbon monoxide in ppmv and lb/hr, (3) Oxygen content, (4) Moisture content, (5) flow rate, (6) temperature, (7) natural gas usage.

D. NO<sub>x</sub> and CO Emission determination shall be averaged over a period of at least 15 and no more than 60 consecutive minutes, and at least 15 minutes after unit start-up.

E. A written notice of the source tests shall be submitted to the District at least 14 days prior to the source testing date so that an observer from the District may be present.

F. Two complete copies of the source test report shall be submitted to the District within 45 days after source testing date unless otherwise approved in writing by the District. The source test report shall include, but may not be limited to, all testing data required by this condition.

G. A testing laboratory certified by the California Air Resources Board in the required test methods for the criteria pollutants to be measured, and in compliance with District Rule 304 (no conflict of interest) shall conduct the test.

H. Sampling facilities shall comply with the District guidelines for construction of sampling and testing facilities, pursuant to Rule 217.

I. The results of all tests (including preliminary tests) that are conducted on this

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

equipment for informational purposes shall be submitted to the District within 45 days after the testing date unless otherwise approved in writing by the District.

[RULE 1147, 9-9-2011]

[Devices subject to this condition : D76]

#### **E. Equipment Operation/Construction Requirements**

E133.1 The operator shall maintain an interlock that automatically controls the damper between the afterburner and printing equipment.

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

[Devices subject to this condition : D7, D20, D40, D41, D56, D57, D61, D62, D68, D73, D76]

E193.2 The operator shall upon completion of construction, operate and maintain this equipment according to the following requirements:

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

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

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a system shall have an accuracy 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 the combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during the 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 actions 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 actions 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 monitoring 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 an 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 TREND OFFSET PRINTING SERVICES, INC

### 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 : C59, C69]

#### 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	1122

**[RULE 1122, 10-1-2004; RULE 1122, 5-1-2009]**

[Devices subject to this condition : E24]

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

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR82, SUBPART	F

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E25]

H23.3 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 : D6, D19, E23, D37, D38, D39, D53, D58, D60, E64, D65, D66, D67, D72, D75]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	442

[RULE 442, 12-15-2000]

[Devices subject to this condition : D63, E64]

#### **I. Administrative**

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

I297.2 This equipment shall not be operated unless the facility holds 954 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.

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
July 1 through September 30	239
October 1 through December 31	239

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

January 1 through March 31	239
April 1 through June 30	239

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D76]

#### **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):

current Material Safety Data Sheets (MSDS) for all coatings and solvents used.

ink absorption factor as specified by current SCAQMD guidelines.

daily usage of inks, fountain solution including water, roller wash, blanket wash and any other materials containing volatile organic compound (VOC).

density of inks, in pounds/gallon and percentage by weight of lithographic oils in ink.

VOC content of fountain solution, wash materials and any other materials, in pounds/gallon.

monthly VOC emissions for each coating and solvent used in this equipment.

[RULE 109, 5-2-2003; RULE 1130, 10-8-1999; RULE 1303(b)(2)-Offset, 5-10-1996;  
RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D6, D19, D37, D38, D39, D53, D58, D60, D65,  
D66, D67, D72, D75]

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 : E22]

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

### 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: Lithographic Printing Systems</b>					
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, M600-B24, FOUR COLOR STATIONS, 38 INCH WIDTH A/N:	D77			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.8, B163.1, B163.4, H23.3, K67.1
DRYER, MEGTEC, 2-P-350-40, NATURAL GAS, WITH TWO 2.44-MMBTU/HR BURNERS, MAXON, OVENPAK LE, LOW NOX A/N:	D78	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 6-3-2011]; 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]	A63.1, D182.6, E133.1, I297.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, M600-B24, FOUR COLOR STATIONS, 38 INCH WIDTH A/N:	D79			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.8, B163.1, B163.4, H23.3, K67.1
DRYER, MEGTEC, 2-P-350-40, NATURAL GAS, WITH TWO 2.44-MMBTU/HR BURNERS, MAXON, OVENPAK LE, LOW NOX A/N:	D80	C59 C69	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 2005, 6-3-2011]; 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]	D182.6, E133.1, I297.1

- \* (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 TREND OFFSET PRINTING SERVICES, INC**

## **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  
TREND OFFSET PRINTING SERVICES, INC**

**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>
D77	1	1	0
D78	1	1	0
D79	1	1	0
D80	1	1	0

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

### 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 10,890 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Organic Compound(VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

For the purpose of this condition, the VOC emission limit shall be applicable to all VOC-emitting equipment and operations that are required to have written permits or are exempt from written permits pursuant to Rule 219.

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

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

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

[**RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

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

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

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

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

#### DEVICE CONDITIONS

##### A. Emission Limits

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 900 LBS IN ANY ONE MONTH

[**RULE 212, 12-7-1995; RULE 212, 11-14-1997]**

[Devices subject to this condition : D78]

##### B. Material/Fuel Type Limits

B59.8 The operator shall not use the following material(s) in this device :

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

### 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 (TAC) identified in Rule 1401, Table 1, with an effective date of September 10, 2010 or earlier, except ethylene glycol butyl ether (CAS No. 111-76-2), ethylene glycol (CAS No. 107-21-1), sodium hydroxide (CAS No. 1310-73-2), and xylene (CAS No. 1330-20-7).

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D77, D79]

B163.1 The operator shall not use fountain solution containing the following:

more than 8 percent by volume of volatile organic compounds (VOC) as applied.

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

[Devices subject to this condition : D77, D79]

B163.4 The operator shall not use equipment clean-up solvent containing the following:

more than 10 mm Hg VOC composite partial pressure.

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

[Devices subject to this condition : D77, D79]

#### **D. Monitoring/Testing Requirements**

D182.6 The operator shall test this equipment in accordance with the following specifications:

## **FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC**

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

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

A. A source test protocol shall be submitted to the District no later than 60 days after the initial start-up of this equipment unless otherwise approved in writing by the District. The test protocol shall be approved in writing by the District before the test commences.

B. The test protocol shall include the proposed operating conditions of the equipment during the test, the identity of the testing laboratory, a statement from the testing laboratory certifying that it meets the criteria in District Rule 304(k), and a description of the sampling and analytical procedures to be used.

C. The source tests shall consist of, but may not be limited to, testing the exhaust of the dryer during normal operating conditions for (1) Oxides of nitrogen in ppmv and lb/hr, (2) Carbon monoxide in ppmv and lb/hr, (3) Oxygen content, (4) Moisture content, (5) flow rate, (6) temperature, (7) natural gas usage.

D. NO<sub>x</sub> and CO Emission determination shall be averaged over a period of at least 15 and no more than 60 consecutive minutes, and at least 15 minutes after unit start-up.

E. A written notice of the source tests shall be submitted to the District at least 14 days prior to the source testing date so that an observer from the District may be present.

F. Two complete copies of the source test report shall be submitted to the District within 45 days after source testing date unless otherwise approved in writing by the District. The source test report shall include, but may not be limited to, all testing data required by this condition.

G. A testing laboratory certified by the California Air Resources Board in the required test methods for the criteria pollutants to be measured, and in compliance with District Rule 304 (no conflict of interest) shall conduct the test.

H. Sampling facilities shall comply with the District guidelines for construction of sampling and testing facilities, pursuant to Rule 217.

I. The results of all tests (including preliminary tests) that are conducted on this

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

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

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

equipment for informational purposes shall be submitted to the District within 45 days after the testing date unless otherwise approved in writing by the District.

[RULE 1147, 9-9-2011]

[Devices subject to this condition : D78, D80]

#### **E. Equipment Operation/Construction Requirements**

E133.1 The operator shall maintain an interlock that automatically controls the damper between the afterburner and printing equipment.

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

[Devices subject to this condition : D78, D80]

#### **H. Applicable Rules**

H23.3 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 : D77, D79]

#### **I. Administrative**

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

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

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

I297.1 This equipment shall not be operated unless the facility holds 1551 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.

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
July 1 through September 30	388
October 1 through December 31	388
January 1 through March 31	388

## FACILITY PERMIT TO OPERATE TREND OFFSET PRINTING SERVICES, INC

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

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

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[RULE 2005, 6-3-2011]

[Devices subject to this condition : D78, D80]

#### 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):

current Material Safety Data Sheets (MSDS) for all coatings and solvents used.

ink absorption factor as specified by current SCAQMD guidelines.

daily usage of inks, fountain solution including water, roller wash, blanket wash and any other materials containing volatile organic compound (VOC).

density of inks, in pounds/gallon and percentage by weight of lithographic oils in ink.

VOC content of fountain solution, wash materials and any other materials, in pounds/gallon.

monthly VOC emissions for each coating and solvent used in this equipment.

[RULE 109, 5-2-2003; RULE 1130, 10-8-1999; RULE 1303(b)(2)-Offset, 5-10-1996;  
RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D77, D79]