



## FACILITY PERMIT TO OPERATE

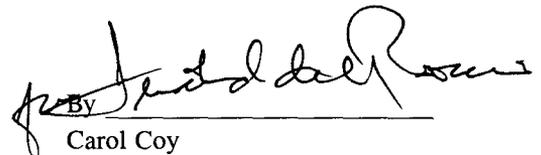
**TREND OFFSET PRINTING SERVICES, INC  
3722-38 CATALINA ST  
LOS ALAMITOS, CA 90720**

### 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

A handwritten signature in black ink, appearing to read "Carol Coy".

By  
Carol Coy  
Deputy Executive Officer  
Engineering & Compliance

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

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## 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</b>					
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG HARRIS, MODEL NO. M600, EIGHT COLOR, 38 INCH WIDTH A/N: 450544	D6			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B163.1, B163.4, H23.3, K67.1
DRYER, TEC, NATURAL GAS, TWO ZONES, EACH WITH TWO BURNERS, 9.76 MMBTU/HR A/N: 450544	D7	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1
PRINTING PRESS, LITHOGRAPHIC, ROCKWELL/GOSS, MODEL NO. C-450A, FOUR COLOR, 48 INCH WIDTH A/N: 450549	D11			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B163.1, B163.4, H23.3, K67.1
DRYER, NATURAL GAS, 5.2 MMBTU/HR A/N: 450549	D12	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 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

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<b>Process 1 : Lithographic Printing</b>					
PRINTING PRESS, LITHOGRAPHIC, ROCKWELL/GOSS, MODEL NO. C-450B, FOUR COLOR, 48 INCH WIDTH A/N: 450550	D50			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B163.1, B163.4, H23.3, K67.1
DRYER, NATURAL GAS, 5.2 MMBTU/HR A/N: 450550	D13	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HARRIS, MODEL NO. M-110, FIVE COLOR, 26.5 INCH WIDTH A/N: 450551	D14			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1
DRYER, TEC, MODEL NO. C-1000, NATURAL GAS, 1.4 MMBTU/HR A/N: 450551	D15	C26	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1

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<b>Process 1 : Lithographic Printing</b>					
PRINTING PRESS, LITHOGRAPHIC, DIDDE, MODEL NO. WEBCOM, NINE COLOR, 17.5 INCH WIDTH A/N: 450553	D16			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1
DRYER, TEC, NATURAL GAS, 0.804 MMBTU/HR A/N: 450553	D17	C26	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1
DRYER, TEC, NATURAL GAS, 0.804 MMBTU/HR A/N: 450553	D18	C26	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HARRIS, MODEL NO. M-110, EIGHT COLOR, 26.5 INCH WIDTH A/N: 450554	D19			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1

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<b>Process 1 : Lithographic Printing</b>					
DRYER, TEC, SERIES 80, NATURAL GAS, TWO ZONES, EACH 1.57 MMBTU/HR, 3.14 MMBTU/HR A/N: 450554	D20	C26	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1
AFTERBURNER, CATALYTIC, GRACE TEC., NATURAL GAS, 4.536 MMBTU/HR A/N: 398378	C26	D15 D17 D18 D20 D52	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	A72.1, D182.1, D182.4, E193.4
AFTERBURNER, APPLIED WEB SYS., MODEL AWSMTO-9, ONE 75 H.P. MAIN BLOWER, NATURAL GAS, ONE 3 H.P. AUXILIARY BLOWER, WITH HEAT EXCHANGER FOR ABSORPTION CHILLER, 4.5 MMBTU/HR A/N: 423421	C27	D7 D12 D13 D40 D41 D56 D57 D61 D62	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]	A72.1, D182.4, E80.1, E193.1, E193.3

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<b>Process 1 : Lithographic Printing</b>					
				<b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG, MODEL NO. V-30, TWELVE COLOR, 36 INCH WIDTH, AIR DRY A/N: 450558	D37			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	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			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL NO. M-600, DUAL WEB-FED OFFSET, FOUR COLOR PLUS UV COATER, 38 INCH WIDTH A/N: 450561	D39			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B163.1, B163.4, H23.3, K67.1
DRYER, MODEL NO. TEC-CP-311, NATURAL GAS, 2.567 MMBTU/HR A/N: 450561	D40	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1

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<b>Process 1 : Lithographic Printing</b>					
DRYER, MODEL NO. TEC-CP-311, NATURAL GAS, 2.567 MMBTU/HR A/N: 450561	D41	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	E133.1
PRINTING PRESS, LITHOGRAPHIC, DIDDE, MODEL NO. EXCALIBER, FIVE COLOR, 27 INCH WIDTH A/N: 450563	D51			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1
DRYER, MEGTEC, LEGACY 6.9, NATURAL GAS, 2 MMBTU/HR A/N: 450563	D52	C26	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>NOX:</b> 25 PPMV NATURAL GAS (4) [RULE 2005,4-20-2001] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981] ; <b>PM:</b> (9) [RULE 404,2-7-1986]	E133.1

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<b>Process 1 : Lithographic Printing</b>					
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL NO. M-655, WEB-FED OFFSET, EIGHT COLOR, 38 INCH WIDTH, WITH AUTOMATIC BLANKET WASH SYSTEM A/N: 450566	D53			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	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: 450566	D56	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>NOX:</b> 30 PPMV NATURAL GAS (4) [RULE 2005,4-20-2001] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981] ; <b>PM:</b> (9) [RULE 404,2-7-1986]	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: 475157	D65			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1

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DRYER, HEIDELBERG CONTIWEB, MODEL ECOWEB PLUS 106-1020, NATURAL GAS, WITH LOW NOX BURNER, 2.4 MMBTU/HR A/N: 475157	D57	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>NOX:</b> 30 PPMV NATURAL GAS (4) [RULE 2005,4-20-2001] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981] ; <b>PM:</b> (9) [RULE 404,2-7-1986]	E133.1
PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL NO. V-30, 16- COLOR, 36 INCH WEB WIDTH, EIGHT WEBS A/N: 450564	D58			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1
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: 423420	C59	D7 D12 D13 D40 D41 D56 D57 D61 D62	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	A72.1, D182.4, E193.2

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PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG-HARRIS, MODEL SUNDAY 2000, WEB-FED OFFSET, EIGHT COLOR, 57 INCH WIDTH, WITH AUTOMATIC BLANKET WASH SYSTEM A/N: 450568	D60			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, B163.1, B163.4, H23.3, K67.1
DRYER, HEIDELBERG CONTIWEB BV, MODEL ECOCOOL/W 130-1460, NATURAL GAS, WITH LOW NOX BURNER, 4.9 MMBTU/HR A/N: 450568	D61	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,3-16-2001;RULE 2012,1-7-2005]  <b>NOX:</b> 30 PPMV NATURAL GAS (4) [RULE 2005,4-20-2001] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981] ; <b>PM:</b> (9) [RULE 404,2-7-1986]	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: 475160	D66			<b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	B59.4, 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</b>					
DRYER, HEIDELBERG CONTIWEB BV, MODEL ECOCOOL/W 130-1460, NATURAL GAS, WITH LOW NOX BURNER, 4.9 MMBTU/HR A/N: 475160	D62	C27 C59	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,3-16-2001;RULE 2012,1-7-2005]  <b>NOX:</b> 30 PPMV NATURAL GAS (4) [RULE 2005,4-20-2001] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981] ; <b>PM:</b> (9) [RULE 404,2-7-1986]	E133.1
<b>Process 2 : SOLVENT RECOVERY</b>					
CENTRIFUGE, BLANKET-WASH SOLVENT RECOVERY A/N: 450565	D63				H23.4
<b>Process 3 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULE</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E22			<b>VOC:</b> (9) [RULE 1113,11-8-1996;RULE 1113,7-9-2004;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	K67.2
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E23			<b>VOC:</b> (9) [RULE 1171,11-7-2003;RULE 1171,5-6-2005]	

\* (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 3 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULE</b>					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E24			VOC: (9) [RULE 1171,11-7-2003;RULE 1171,5-6-2005]	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 1171,5-6-2005]	

\* (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: 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 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	1	1	0
D7	1	1	0
D11	1	1	0
D12	1	1	0
D13	2	1	0
D14	2	1	0
D15	2	1	0
D16	3	1	0
D17	3	1	0
D18	3	1	0
D19	3	1	0
D20	4	1	0
E22	10	3	0
E23	10	3	0
E24	11	3	0
E25	11	3	0
C26	4	1	0
C27	4	1	0
D37	5	1	0
D38	5	1	0
D39	5	1	0
D40	5	1	0
D41	6	1	0
D50	2	1	0
D51	6	1	0
D52	6	1	0
D53	7	1	0
D56	7	1	0
D57	8	1	0
D58	8	1	0
C59	8	1	0
D60	9	1	0
D61	9	1	0
D62	10	1	0
D63	10	2	0
E64	11	3	0

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

**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>
D65	7	1	0
D66	9	1	0

## 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:

#### 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.

[RULE 109, 5-2-2003; RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 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:

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 : C26, C27, C59]

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

## 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:

B59.4 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 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 : D14, D16, D19, D37, D38, D51, D53, D58, D60, D65, D66]

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, D11, D14, D16, D19, D37, D38, D39, D50, D51, D53, D58, D60, D65, D66]

## **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:

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 : D6, D11, D14, D16, D19, D37, D38, D39, D50, D51, D53, D58, D60, D65, D66]

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

D182.1 The operator shall test this equipment in accordance with the following specifications:

The catalyst substrate shall be tested for performance every 6 months.

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

[Devices subject to this condition : C26]

## **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:

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

A. THE TEST SHALL BE CONDUCTED NO LATER THAN MAY 8, 2009 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

B. 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.

C. 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.

D. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.

E. 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.

F. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QAULTY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765.

G. 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 : C26, C27, C59]

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

E80.1 The operator shall not use this equipment when any of the following equipment are operating:

Device ID: C59 [AFTERBURNER]

This condition shall not apply during start-up or shutdown.

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

[Devices subject to this condition : C27]

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, D12, D13, D15, D17, D18, D20, D40, D41, D52, D56, D57, D61, D62]

## **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:

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

This control system shall serve/vent only one of the following dryer groupings (partial or complete) at any one time:

Device IDs: D7, D12, D13

Device IDs: D7, D12, D40 & D41

Device IDs: D7, D13, D40 & D41

Device IDs: D7, D56 & D57

Device IDs: D12, D13, D40 & D41

Device IDs: D12, D13, D56 & D57

Device IDs: D40 & D41, D56 & D57

Device IDs: D61 & D62

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

[Devices subject to this condition : C27]

## **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:

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

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 using an applicable AQMD or EPA approved method.

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 on a semi-annual basis pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The semi-annual 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.

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]

## **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:

E193.3 The operator shall upon completion of construction, operate and maintain this equipment according to the following requirements:

The combustion chamber temperature shall be maintained at a minimum of 1,400 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 using an applicable AQMD or EPA approved method.

For the purpose of this condition, a deviation shall be defined as when the combustion chamber temperature of less than 1,400 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 1,400 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 on a semi-annual basis pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The semi-annual 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.

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 : C27]

## 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:

E193.4 The operator shall upon completion of construction, operate and maintain this equipment according to the following requirements:

The catalyst bed inlet temperature shall be maintained at a minimum of 600 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 temperatures at the inlet and outlet of the catalyst bed pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a temperature measuring and recording 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 specification

For the purpose of this condition, a deviation shall be defined as when the catalyst bed inlet temperature of less than 600 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 catalyst bed inlet temperature at or above 600 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 on a semi-annual basis pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The semi-annual 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.

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 : C26]

**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:

**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, 7-11-1997; RULE 1122, 10-1-2004]**

[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

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

[Devices subject to this condition : E25]

**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:

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, D11, D14, D16, D19, D37, D38, D39, D50, D51, D53, D58, D60, D65, D66]

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]

**K. Record Keeping/Reporting**

## **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:

K67.1 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)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]**

[Devices subject to this condition : D6, D11, D14, D16, D19, D37, D38, D39, D50, D51, D53, D58, D60, D65, D66]

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]