

## **FACILITY PERMIT TO OPERATE THORO PACKAGING INC**

### **Facility Equipment and Requirements (Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

<b>Application Number</b>	<b>Permit to Operate Number</b>	<b>Equipment description</b>
409320	F66301	Lithographic Printing Press, Heidelberg, with I. R. Dryer
424941	F66302	Lithographic Printing Press, Heidelberg, with I. R. Dryer
427793	F69028	Lithographic Printing Press, Heidelberg, I.R. Dry & U.V. curing units
556339		Lithographic Printing Press, Heidelberg, with U.V. curing unit
567327		Lithographic Printing Press, Heidelberg, I.R. Dry & U.V. curing units

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

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### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

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]
2. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUNDS (VOC) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 2040 POUNDS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET]
3. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).  
[RULE 109, 1303(b)(2)-OFFSET]
4. 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 LIMIT. 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.  
[RULE 109, 1303(b)(2)-OFFSET]
5. THE OPERATOR SHALL MAINTAIN A SINGLE LIST THAT INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIALS REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.  
[RULE 109, 1303(b)(2)-OFFSET]
6. 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 AT LEAST FIVE YEARS.  
[RULE 109, 1303(b)(2)-OFFSET]
7. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT THAT IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON

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REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]

8. MATERIAL SAFETY DATA SHEETS FOR ALL VOC-CONTAINING MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### PERMIT TO OPERATE

**Permit No. F66301  
A/N 409320**

#### **Equipment Description:**

LITHOGRAPHIC PRINTING AND DRYING SYSTEM CONSISTING OF:

1. PRESS, HEIDELBERG, MODEL CD102+6+LXCD, SERIAL NO. 542442, 6-COLOR PLUS COATER, 40-INCH SHEET FED, 126.7 HP.
2. DRYER, INFRA-RED, WITH 6 INFRA-RED LAMPS, 36 KW TOTAL.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. FOUNTAIN SOLUTION USED IN THIS EQUIPMENT SHALL NOT CONTAIN MORE THAN 8 PERCENT OF VOC BY VOLUME, AS APPLIED, INCLUDING WATER AND EXEMPT SOLVENTS.  
[RULE 1303(a)(1)-BACT]
4. THE COMPOSITE VAPOR PRESSURE OF THE VOC IN THE BLANKET WASHES AND ROLLER WASHES USED ON THIS EQUIPMENT SHALL NOT EXCEED 10 MM HG @ 20 DEGREES CELSIUS.  
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MARCH 17, 2000 OR EARLIER, WITH THE EXCEPTION OF AMMONIA, ETHYLENE GLYCOL MONOBUTYL ETHER, ETHYLENE GLYCOL, ISOPROPNOL, NAPHTHALENE, PHOSPHORIC ACID, AND XYLENES.  
[RULE 1401]
6. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON A DAILY BASIS:
  - A. USAGE OF INKS, FOUNTAIN SOLUTIONS INCLUDING WATER, ROLLER WASHES, BLANKET WASHES, AND ALL OTHER MATERIALS CONTAINING VOC, IN GALLONS.
  - B. DENSITY OF INKS, IN POUNDS PER GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN THE INKS.

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- C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.
- D. EMISSIONS IN POUNDS OF VOC.  
[RULE 109, 1303(b)(2)-OFFSET]
7. PERMIT SHIELD: NOT WITHSTANDING THE OTHER REQUIREMENTS AND CONDITIONS IN THIS PERMIT, THIS EQUIPMENT IS NOT SUBJECT TO THE FOLLOWING RULE REQUIREMENTS:

RULE 1128, 3/8/1996

COMPLIANCE WITH THE CONDITIONS OF THIS TITLE V PERMIT SHALL BE DEEMED IN COMPLIANCE WITH ANY REGULATORY REQUIREMENTS APPLICABLE AS OF THE DATE OF PERMIT ISSUANCE TO THIS EQUIPMENT, PROVIDED THAT SUCH REGULATORY REQUIREMENTS ARE INCLUDED AND SPECIFICALLY IDENTIFIED IN THIS PERMIT. NOTHING IN THIS PERMIT OR IN ANY PERMIT SHIELD CAN ALTER OR AFFECT: (a) UNDER SECTION 303 OF THE FEDERAL CLEAN AIR ACT, THE PROVISIONS FOR EMERGENCY ORDERS; (b) THE LIABILITY OF THE OPERATOR FOR ANY VIOLATION OF APPLICABLE REQUIREMENTS PRIOR TO OR AT THE TIME OF PERMIT ISSUANCE; (c) THE APPLICABLE REQUIREMENTS OF THE ACID RAIN PROGRAM; (d) THE ABILITY OF EPA TO OBTAIN INFORMATION FROM THE OPERATOR PURSUANT TO SECTION 114 OF THE FEDERAL CLEAN AIR ACT; (e) THE APPLICABILITY OF STATE OR LOCAL REQUIREMENTS THAT ARE NOT "APPLICABLE REQUIREMENTS", AS DEFINED IN RULE 3000, AT THE TIME OF PERMIT ISSUANCE BUT WHICH DO NOT APPLY TO THE FACILITY, SUCH AS TOXICS REQUIREMENTS UNIQUE TO THE STATE; OR (f) THE APPLICABILITY OF REGULATORY REQUIREMENTS WITH COMPLIANCE DATES AFTER THE PERMIT ISSUANCE DATE. THIS PERMIT SHIELD SHALL NOT APPLY TO ANY OPERATIONAL CHANGE MADE PURSUANT TO THE OPERATIONAL FLEXIBILITY PROVISIONS OF DISTRICT RULE 3005.  
[RULE 3004 (c) - PERMIT SHIELD]

### **Emissions And Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### PERMIT TO OPERATE

**Permit No. F66302**  
**A/N 424941**

#### **Equipment Description:**

LITHOGRAPHIC PRESS SYSTEM CONSISTING OF:

1. PRESS, HEIDELBERG, MODEL CD-74-6+LX, 6-COLOR PLUS COATER, 29-INCH SHEET FED, 74.76 HP TOTAL.
2. DRYER, TECHNOTRANS, INFRA-RED, 10 LAMPS AT 2 KW EACH, 20 KW TOTAL.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE FOUNTAIN SOLUTION USED IN THIS EQUIPMENT SHALL NOT EXCEED 8 PERCENT OF VOC BY VOLUME, AS APPLIED, INCLUDING WATER AND EXEMPT SOLVENTS.  
[RULE 1303(a)(1)-BACT]
4. THE COMPOSITE VAPOR PRESSURE OF THE VOCS IN THE BLANKET WASHES AND ROLLER WASHES USED ON THIS EQUIPMENT SHALL NOT EXCEED 10 MM HG @ 20 DEGREES CELSIUS.  
[RULE 1303(a)(1)-BACT]
5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 900 POUNDS PER CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF FEBRUARY 7, 2003, OR EARLIER, WITH THE EXCEPTION OF AMMONIA, ETHYLENE GLYCOL MONOBUTYL ETHER, ETHYLENE GLYCOL, ISOPROPANOL, NAPHTHALENE, PHOSPHORIC ACID, AND XYLENE.  
[RULE 1401]
7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON A DAILY BASIS:

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- A. USAGE OF INKS, FOUNTAIN SOLUTIONS INCLUDING WATER, ROLLER WASHES, BLANKET WASHES, AND ALL OTHER MATERIALS CONTAINING VOC, IN GALLONS.
  - B. DENSITY OF INKS, IN POUNDS PER GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN THE INKS.
  - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.
  - D. EMISSIONS IN POUNDS OF VOC.  
[RULE 109, 1303(b)(2)-OFFSET]
8. PERMIT SHIELD: NOT WITHSTANDING THE OTHER REQUIREMENTS AND CONDITIONS IN THIS PERMIT, THIS EQUIPMENT IS NOT SUBJECT TO THE FOLLOWING RULE REQUIREMENTS:

RULE 1128, 3/8/1996

COMPLIANCE WITH THE CONDITIONS OF THIS TITLE V PERMIT SHALL BE DEEMED IN COMPLIANCE WITH ANY REGULATORY REQUIREMENTS APPLICABLE AS OF THE DATE OF PERMIT ISSUANCE TO THIS EQUIPMENT, PROVIDED THAT SUCH REGULATORY REQUIREMENTS ARE INCLUDED AND SPECIFICALLY IDENTIFIED IN THIS PERMIT. NOTHING IN THIS PERMIT OR IN ANY PERMIT SHIELD CAN ALTER OR AFFECT: (a) UNDER SECTION 303 OF THE FEDERAL CLEAN AIR ACT, THE PROVISIONS FOR EMERGENCY ORDERS; (b) THE LIABILITY OF THE OPERATOR FOR ANY VIOLATION OF APPLICABLE REQUIREMENTS PRIOR TO OR AT THE TIME OF PERMIT ISSUANCE; (c) THE APPLICABLE REQUIREMENTS OF THE ACID RAIN PROGRAM; (d) THE ABILITY OF EPA TO OBTAIN INFORMATION FROM THE OPERATOR PURSUANT TO SECTION 114 OF THE FEDERAL CLEAN AIR ACT; (e) THE APPLICABILITY OF STATE OR LOCAL REQUIREMENTS THAT ARE NOT "APPLICABLE REQUIREMENTS", AS DEFINED IN RULE 3000, AT THE TIME OF PERMIT ISSUANCE BUT WHICH DO NOT APPLY TO THE FACILITY, SUCH AS TOXICS REQUIREMENTS UNIQUE TO THE STATE; OR (f) THE APPLICABILITY OF REGULATORY REQUIREMENTS WITH COMPLIANCE DATES AFTER THE PERMIT ISSUANCE DATE. THIS PERMIT SHIELD SHALL NOT APPLY TO ANY OPERATIONAL CHANGE MADE PURSUANT TO THE OPERATIONAL FLEXIBILITY PROVISIONS OF DISTRICT RULE 3005.

[RULE 3004 (c) - PERMIT SHIELD]

### **Emissions And Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
  - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
  - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
  - PM: RULE404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### PERMIT TO OPERATE

Permit No. F69028  
A/N 427793

#### Equipment Description:

LITHOGRAPHIC PRINTING AND DRYING SYSTEM CONSISTING OF:

1. PRESS, HEIDELBERG, MODEL CD102+6+LX, 6-COLOR PLUS COATER, 40-INCH SHEET WIDTH.
2. DRYER, INFRA-RED, 20 KW TOTAL.
3. U.V. CURING UNIT, 135.6 KW TOTAL.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. FOUNTAIN SOLUTION USED IN THIS EQUIPMENT SHALL NOT EXCEED 8 PERCENT OF VOC BY VOLUME, AS APPLIED, INCLUDING WATER AND EXEMPT SOLVENTS.  
[RULE 1303(a)(1)-BACT]
4. THE COMPOSITE VAPOR PRESSURE OF THE VOC IN THE BLANKET WASHES AND ROLLER WASHES USED ON THIS EQUIPMENT SHALL NOT EXCEED 10 MM HG @ 20 DEGREES CELSIUS.  
[RULE 1303(a)(1)-BACT]
5. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER, EXCEPT AMMONIA, ETHYLENE GLYCOL MONOBUTYL ETHER, ETHYLENE GLYCOL, ISOPROPANOL, NAPHTHALENE, PHOSPHORIC ACID, AND XYLENE.  
[RULE 1401]
6. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON A DAILY BASIS:
  - A. USAGE OF INKS, FOUNTAIN SOLUTIONS INCLUDING WATER, ROLLER WASHES, BLANKET WASHES, AND ALL OTHER MATERIALS CONTAINING VOC, IN GALLONS.
  - B. DENSITY OF INKS, IN POUNDS PER GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN THE INKS.

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- C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.
- D. EMISSIONS IN POUNDS OF VOC.  
[RULE 109, 1303(b)(2)-OFFSET]
7. PERMIT SHIELD: NOT WITHSTANDING THE OTHER REQUIREMENTS AND CONDITIONS IN THIS PERMIT, THIS EQUIPMENT IS NOT SUBJECT TO THE FOLLOWING RULE REQUIREMENTS:

RULE 1128, 3/8/1996

COMPLIANCE WITH THE CONDITIONS OF THIS TITLE V PERMIT SHALL BE DEEMED IN COMPLIANCE WITH ANY REGULATORY REQUIREMENTS APPLICABLE AS OF THE DATE OF PERMIT ISSUANCE TO THIS EQUIPMENT, PROVIDED THAT SUCH REGULATORY REQUIREMENTS ARE INCLUDED AND SPECIFICALLY IDENTIFIED IN THIS PERMIT. NOTHING IN THIS PERMIT OR IN ANY PERMIT SHIELD CAN ALTER OR AFFECT: (a) UNDER SECTION 303 OF THE FEDERAL CLEAN AIR ACT, THE PROVISIONS FOR EMERGENCY ORDERS; (b) THE LIABILITY OF THE OPERATOR FOR ANY VIOLATION OF APPLICABLE REQUIREMENTS PRIOR TO OR AT THE TIME OF PERMIT ISSUANCE; (c) THE APPLICABLE REQUIREMENTS OF THE ACID RAIN PROGRAM; (d) THE ABILITY OF EPA TO OBTAIN INFORMATION FROM THE OPERATOR PURSUANT TO SECTION 114 OF THE FEDERAL CLEAN AIR ACT; (e) THE APPLICABILITY OF STATE OR LOCAL REQUIREMENTS THAT ARE NOT "APPLICABLE REQUIREMENTS", AS DEFINED IN RULE 3000, AT THE TIME OF PERMIT ISSUANCE BUT WHICH DO NOT APPLY TO THE FACILITY, SUCH AS TOXICS REQUIREMENTS UNIQUE TO THE STATE; OR (f) THE APPLICABILITY OF REGULATORY REQUIREMENTS WITH COMPLIANCE DATES AFTER THE PERMIT ISSUANCE DATE. THIS PERMIT SHIELD SHALL NOT APPLY TO ANY OPERATIONAL CHANGE MADE PURSUANT TO THE OPERATIONAL FLEXIBILITY PROVISIONS OF DISTRICT RULE 3005.  
[RULE 3004 (c) - PERMIT SHIELD]

### **Emissions And Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### PERMIT TO CONSTRUCT

**A/N 556339**  
**Granted as of**  
**12/10/2013**

#### **Equipment Description:**

LITHOGRAPHIC PRINTING AND CURING SYSTEM CONSISTING OF:

1. PRESS, HEIDELBERG, MODEL XL 106-7+LYY-LX3\_UV, SEVEN COLOR, 41.73-INCH SHEET WIDTH.
2. U.V. CURING UNIT, 124.8 KW TOTAL.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. FOUNTAIN SOLUTION USED IN THIS EQUIPMENT SHALL NOT EXCEED 8 PERCENT OF VOC BY VOLUME, AS APPLIED, INCLUDING WATER AND EXEMPT SOLVENTS.  
[RULE 1303(a)(1)-BACT]
4. THE COMPOSITE VAPOR PRESSURE OF THE VOC IN THE BLANKET WASHES AND ROLLER WASHES USED ON THIS EQUIPMENT SHALL NOT EXCEED 10 MM HG @ 20 DEGREES CELSIUS.  
[RULE 1303(a)(1)-BACT]
5. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF SEPTEMBER 10, 2010 OR EARLIER, EXCEPT AMMONIA, ETHYLENE GLYCOL MONOBUTYL ETHER, ISOPROPYL ALCOHOL, PHOSPHORIC ACID, ETHYL BENZENE, STYRENE, ACRYLIC ACID, AND XYLENE.  
[RULE 1401]
6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 900 POUNDS PER CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET]
7. THE TOTAL QUANTITY OF ETHYL BENZENE EMISSIONS TO THE ATMOSPHERE FROM THE EQUIPMENT UNDER APPLICATION NOS. 556339 AND 567327 SHALL NOT EXCEED 120 POUNDS PER CALENDAR YEAR.  
[RULE 1401]

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

8. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON A DAILY BASIS:
  - A. USAGE OF INKS, FOUNTAIN SOLUTIONS INCLUDING WATER, ROLLER WASHES, BLANKET WASHES, AND ALL OTHER MATERIALS CONTAINING VOC, IN GALLONS.
  - B. DENSITY OF INKS, IN POUNDS PER GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN THE INKS.
  - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.
  - D. EMISSIONS IN POUNDS OF VOC.
  - E. EMISSIONS IN POUNDS OF ETHYL BENZENE  
[RULE 109, 1303(b)(2)-OFFSET]
9. WITHIN 7 DAYS OF OPERATION OF THIS EQUIPMENT, LITHOGRAPHIC PRINTING SYSTEM OPERATING UNDER PERMIT NO. F66302 SHALL BE REMOVED FROM SERVICE.  
[RULE 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### PERMIT TO CONSTRUCT

**A/N 567327**  
**Granted as of**

#### **Equipment Description:**

LITHOGRAPHIC PRINTING AND CURING SYSTEM CONSISTING OF:

1. PRESS, HEIDELBERG, MODEL XL 75-8+LYYLX3\_ANICOLOR, EIGHT COLOR, 29.53-INCH SHEET WIDTH.
2. INFRARED CURING UNIT, 100-KW TOTAL
3. U.V. CURING UNIT, 124.8 KW TOTAL.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TMES.  
[RULE 204]
3. FOUNTAIN SOLUTION USED IN THIS EQUIPMENT SHALL NOT EXCEED 8 PERCENT OF VOC BY VOLUME, AS APPLIED, INCLUDING WATER AND EXEMPT SOLVENTS.  
[RULE 1303(a)(1)-BACT]
4. THE COMPOSITE VAPOR PRESSURE OF THE VOC IN THE BLANKET WASHES AND ROLLER WASHES USED ON THIS EQUIPMENT SHALL NOT EXCEED 10 MM HG @ 20 DEGREES CELSIUS.  
[RULE 1303(a)(1)-BACT]
5. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF SEPTEMBER 10, 2010 OR EARLIER, EXCEPT AMMONIA, ETHYLENE GLYCOL MONOBUTYL ETHER, ISOPROPYL ALCOHOL, PHOSPHORIC ACID, ETHYL BENZENE, STYRENE, ACRYLIC ACID, AND XYLENE.  
[RULE 1401]
6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 900 POUNDS PER CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET]

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7. THE TOTAL QUANTITY OF ETHYL BENZENE EMISSIONS TO THE ATMOSPHERE FROM THE EQUIPMENT UNDER APPLICATION NOS. 556339 AND 567327 SHALL NOT EXCEED 120 POUNDS PER CALENDAR YEAR.  
[RULE 1401]
  
8. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON A DAILY BASIS:
  - A. USAGE OF INKS, FOUNTAIN SOLUTIONS INCLUDING WATER, ROLLER WASHES, BLANKET WASHES, AND ALL OTHER MATERIALS CONTAINING VOC, IN GALLONS.
  - B. DENSITY OF INKS, IN POUNDS PER GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN THE INKS.
  - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.
  - D. EMISSIONS IN POUNDS OF VOC.
  - E. EMISSIONS IN POUNDS OF ETHYL BENZENE.  
[RULE 109, 1303(b)(2)-OFFSET, 1401]
  
9. WITHIN 7 DAYS OF OPERATION OF THIS EQUIPMENT, LITHOGRAPHIC PRINTING SYSTEM OPERATING UNDER PERMIT NO. F66301 SHALL BE REMOVED FROM SERVICE.  
[RULE 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### RULE 219 EQUIPMENT

#### Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

#### Periodic Monitoring:

1. 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 OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, AND (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER 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, AND (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

[RULE 3004 (a) (4)]

#### Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### RULE 219 EQUIPMENT

#### Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PRE-PRESS PREP AREA.

#### Conditions:

1. PERMIT SHIELD. NOT WITHSTANDING THE OTHER REQUIREMENTS AND CONDITIONS IN THIS PERMIT, THIS EQUIPMENT IS NOT SUBJECT TO THE FOLLOWING RULE REQUIREMENTS:

RULE 1128, 3/8/1996

COMPLIANCE WITH THE CONDITIONS OF THIS TITLE V PERMIT SHALL BE DEEMED IN COMPLIANCE WITH ANY REGULATORY REQUIREMENTS APPLICABLE AS OF THE DATE OF PERMIT ISSUANCE TO THIS EQUIPMENT, PROVIDED THAT SUCH REGULATORY REQUIREMENTS ARE INCLUDED AND SPECIFICALLY IDENTIFIED IN THIS PERMIT. NOTHING IN THIS PERMIT OR IN ANY PERMIT SHIELD CAN ALTER OR AFFECT: (a) UNDER SECTION 303 OF THE FEDERAL CLEAN AIR ACT, THE PROVISIONS FOR EMERGENCY ORDERS; (b) THE LIABILITY OF THE OPERATOR FOR ANY VIOLATION OF APPLICABLE REQUIREMENTS PRIOR TO OR AT THE TIME OF PERMIT ISSUANCE; (c) THE APPLICABLE REQUIREMENTS OF THE ACID RAIN PROGRAM; (d) THE ABILITY OF EPA TO OBTAIN INFORMATION FROM THE OPERATOR PURSUANT TO SECTION 114 OF THE FEDERAL CLEAN AIR ACT; (e) THE APPLICABILITY OF STATE OR LOCAL REQUIREMENTS THAT ARE NOT "APPLICABLE REQUIREMENTS", AS DEFINED IN RULE 3000, AT THE TIME OF PERMIT ISSUANCE BUT WHICH DO NOT APPLY TO THE FACILITY, SUCH AS TOXICS REQUIREMENTS UNIQUE TO THE STATE; OR (f) THE APPLICABILITY OF REGULATORY REQUIREMENTS WITH COMPLIANCE DATES AFTER THE PERMIT ISSUANCE DATE. THIS PERMIT SHIELD SHALL NOT APPLY TO ANY OPERATIONAL CHANGE MADE PURSUANT TO THE OPERATIONAL FLEXIBILITY PROVISIONS OF DISTRICT RULE 3005.  
[RULE 3004 (c) - PERMIT SHIELD]

#### Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### RULE 219 EQUIPMENT

#### Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PRINTING EQUIPMENT, LOW-USE OR EMISSIONS, WITH RELATED COATING, LAMINATING, GLUING, AND DRYING EQUIPMENT.

#### Emissions And Requirements:

#### Conditions:

1. PERMIT SHIELD. NOT WITHSTANDING THE OTHER REQUIREMENTS AND CONDITIONS IN THIS PERMIT, THIS EQUIPMENT IS NOT SUBJECT TO THE FOLLOWING RULE REQUIREMENTS:

RULE 1128, 3/8/1996

COMPLIANCE WITH THE CONDITIONS OF THIS TITLE V PERMIT SHALL BE DEEMED IN COMPLIANCE WITH ANY REGULATORY REQUIREMENTS APPLICABLE AS OF THE DATE OF PERMIT ISSUANCE TO THIS EQUIPMENT, PROVIDED THAT SUCH REGULATORY REQUIREMENTS ARE INCLUDED AND SPECIFICALLY IDENTIFIED IN THIS PERMIT. NOTHING IN THIS PERMIT OR IN ANY PERMIT SHIELD CAN ALTER OR AFFECT: (a) UNDER SECTION 303 OF THE FEDERAL CLEAN AIR ACT, THE PROVISIONS FOR EMERGENCY ORDERS; (b) THE LIABILITY OF THE OPERATOR FOR ANY VIOLATION OF APPLICABLE REQUIREMENTS PRIOR TO OR AT THE TIME OF PERMIT ISSUANCE; (c) THE APPLICABLE REQUIREMENTS OF THE ACID RAIN PROGRAM; (d) THE ABILITY OF EPA TO OBTAIN INFORMATION FROM THE OPERATOR PURSUANT TO SECTION 114 OF THE FEDERAL CLEAN AIR ACT; (e) THE APPLICABILITY OF STATE OR LOCAL REQUIREMENTS THAT ARE NOT "APPLICABLE REQUIREMENTS", AS DEFINED IN RULE 3000, AT THE TIME OF PERMIT ISSUANCE BUT WHICH DO NOT APPLY TO THE FACILITY, SUCH AS TOXICS REQUIREMENTS UNIQUE TO THE STATE; OR (f) THE APPLICABILITY OF REGULATORY REQUIREMENTS WITH COMPLIANCE DATES AFTER THE PERMIT ISSUANCE DATE. THIS PERMIT SHIELD SHALL NOT APPLY TO ANY OPERATIONAL CHANGE MADE PURSUANT TO THE OPERATIONAL FLEXIBILITY PROVISIONS OF DISTRICT RULE 3005.  
[RULE 3004 (c) - PERMIT SHIELD]

#### Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109

## FACILITY PERMIT TO OPERATE THORO PACKAGING INC

### RULE 219 EQUIPMENT

#### Equipment Description:

RULE 219 EXEMPT EQUIPMENT, INKJET PRINTING EQUIPMENT.

#### Conditions:

1. PERMIT SHIELD. NOT WITHSTANDING THE OTHER REQUIREMENTS AND CONDITIONS IN THIS PERMIT, THIS EQUIPMENT IS NOT SUBJECT TO THE FOLLOWING RULE REQUIREMENTS:

RULE 1128, 3/8/1996  
RULE 1130, 10/8/99

COMPLIANCE WITH THE CONDITIONS OF THIS TITLE V PERMIT SHALL BE DEEMED IN COMPLIANCE WITH ANY REGULATORY REQUIREMENTS APPLICABLE AS OF THE DATE OF PERMIT ISSUANCE TO THIS EQUIPMENT, PROVIDED THAT SUCH REGULATORY REQUIREMENTS ARE INCLUDED AND SPECIFICALLY IDENTIFIED IN THIS PERMIT. NOTHING IN THIS PERMIT OR IN ANY PERMIT SHIELD CAN ALTER OR AFFECT: (a) UNDER SECTION 303 OF THE FEDERAL CLEAN AIR ACT, THE PROVISIONS FOR EMERGENCY ORDERS; (b) THE LIABILITY OF THE OPERATOR FOR ANY VIOLATION OF APPLICABLE REQUIREMENTS PRIOR TO OR AT THE TIME OF PERMIT ISSUANCE; (c) THE APPLICABLE REQUIREMENTS OF THE ACID RAIN PROGRAM; (d) THE ABILITY OF EPA TO OBTAIN INFORMATION FROM THE OPERATOR PURSUANT TO SECTION 114 OF THE FEDERAL CLEAN AIR ACT; (e) THE APPLICABILITY OF STATE OR LOCAL REQUIREMENTS THAT ARE NOT "APPLICABLE REQUIREMENTS", AS DEFINED IN RULE 3000, AT THE TIME OF PERMIT ISSUANCE BUT WHICH DO NOT APPLY TO THE FACILITY, SUCH AS TOXICS REQUIREMENTS UNIQUE TO THE STATE; OR (f) THE APPLICABILITY OF REGULATORY REQUIREMENTS WITH COMPLIANCE DATES AFTER THE PERMIT ISSUANCE DATE. THIS PERMIT SHIELD SHALL NOT APPLY TO ANY OPERATIONAL CHANGE MADE PURSUANT TO THE OPERATIONAL FLEXIBILITY PROVISIONS OF DISTRICT RULE 3005.  
[RULE 3004 (c) - PERMIT SHIELD]

#### Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 442  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109

## **FACILITY PERMIT TO OPERATE THORO PACKAGING INC**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

**Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109