

## FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY

### 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 : SURFACE COATING</b>					
<b>System 1 : LINE NO. 1 - CAN COATING AND PRINTING</b>					
SPRAY COATING OPERATION, INSIDE SPRAY, STATION NO. 1, CUSTOM MADE WITH 8 AIRLESS SPRAY HEADS. A/N:	D5	C77		<b>VOC:</b> (9) [RULE 1125,1-13-1995;RULE 1125,3-7-2008;RULE 1171,11-7-2003;RULE 1171,5-4-2009] ; <b>VOC:</b> 0.89 KG/L OF COATING SOLIDS APPLIED (8) [40CFR 60 Subpart WW,10-4-1991]	B59.1, H23.2
OVEN, NO. 1, INSIDE BAKE, FECO ENGINEERING, 8 FT W. X 45 FT L. X 23 FT H., NATURAL GAS, WITH A 7.5 H.P. EXHAUST FAN, 9 MMBTU/HR A/N: 498284 Permit to Construct Issued: 12/09/09	D6	C76	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,5-11-2001;RULE 2012,12-5-2003]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	C6.2
<b>System 2 : LINE NO. 2 - CAN COATING AND PRINTING</b>					
SPRAY COATING OPERATION, INSIDE SPRAY, STATION NO. 2, CUSTOM MADE WITH 8 AIRLESS SPRAY HEADS. A/N:	D13	C77		<b>VOC:</b> (9) [RULE 1125,1-13-1995;RULE 1125,3-7-2008;RULE 1171,11-7-2003;RULE 1171,5-4-2009] ; <b>VOC:</b> 0.89 KG/L OF COATING SOLIDS APPLIED (8) [40CFR 60 Subpart WW,10-4-1991]	B59.1, H23.2

\* (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 (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1 : SURFACE COATING</b>					
OVEN, NO. 2, INSIDE BAKE, FECO ENGINEERING, 11 FT 5 IN W X 51 FT L X 10 FT 9 IN H, NATURAL GAS, WITH A 7.5 H.P. EXHAUST FAN, 9 MMBTU/HR A/N: 498285 Permit to Construct Issued: 12/09/09	D14	C76	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	C6.2
<b>System 3 : LINE NO. 3 -- CAN COATING AND PRINTING</b>					
OVEN, BASECOATER PIN, NO. 3, FECO ENGINEERED SYSTEMS, 8 FT. W. X 45 FT. L. X 23 FT. H., NATURAL GAS, WITH A 5 H.P. EXHAUST FAN AND A 50 H.P. RECIRCULATION FAN, 4 MMBTU/HR A/N: 498298 Permit to Construct Issued: 12/09/09	D48	C76	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B59.8, C6.1, D323.1
COATER, LINE 3, BOTTOM / RIM, BELVEC, MODEL NO. BU 78180 A/N: 498289 Permit to Construct Issued: 12/09/09	D18	C71		<b>VOC:</b> (9) [RULE 1125,1-13-1995;RULE 1171,6-13-1997;RULE 1171,10-8-1999] ; <b>VOC:</b> 0.46 KG/L OF COATING SOLIDS APPLIED (8) [40CFR 60 Subpart WW,10-4-1991]	B59.9, H23.2

\* (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 (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 REXAM PLC, REXAM BEVERAGE CAN COMPANY

### 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 : SURFACE COATING</b>					
COATER, BOTTOM/RIM, LINE 3, ON PRINTER NO. 3 A/N: 498289 Permit to Construct Issued: 12/09/09	D70			<b>VOC:</b> (9) [RULE 1125,1-13-1995;RULE 1171,8-2-2002;RULE 1171,11-7-2003] ; <b>VOC:</b> 0.46 KG/L OF COATING SOLIDS APPLIED (8) [40CFR 60 Subpart WW,10-4-1991]	B59.9, H23.2
FILTER, HEPA, MACHINE MASTER, MODEL NO. MM-2000, 2 H.P. EXHAUST FAN A/N: 498289 Permit to Construct Issued: 12/09/09	C71	D18 D19			C6.3, D322.1, K67.4
OVEN, PRINTER PIN, NO. 3, FEKO ENGINEERED SYSTEMS, 8 FT. W. X 45 FT. L. X 23 FT. H., NATURAL GAS, WITH A 5 H.P. EXHAUST FAN AND A 50 H.P. RECIRCULATION FAN, 4 MMBTU/HR A/N: 498286 Permit to Construct Issued: 12/09/09	D19	C71 C76	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999]  <b>PM:</b> (9) [RULE 404,2-7-1986] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B59.9, C6.1, D323.1
SPRAY COATING OPERATION, INSIDE SPRAY, STATION NO. 3, CUSTOM MADE WITH 8 AIRLESS SPRAY HEADS A/N:	D20	C55 C77		<b>VOC:</b> (9) [RULE 1125,1-13-1995;RULE 1171,6-13-1997;RULE 1171,10-8-1999] ; <b>VOC:</b> 0.89 KG/L OF COATING SOLIDS APPLIED (8) [40CFR 60 Subpart WW,10-4-1991]	B59.9, H23.2

\* (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 REXAM PLC, REXAM BEVERAGE CAN COMPANY

### 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 : SURFACE COATING</b>					
OVEN, NO. 3, INSIDE BAKE, MOCO THERMAL SYSTEMS, 11 FT W. X 50 FT L. X 12 FT H., NATURAL GAS, WITH A 7.5 H.P. EXHAUST FAN, A 30 H.P. CIRCULATION FAN, AND 25 H.P. COOLING FAN, 9 MMBTU/HR A/N: 498288 Permit to Construct Issued: 12/09/09	D21	C76	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999]  PM: (9) [RULE 404,2-7-1986] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B59.9, C6.1, D323.1
<b>System 4 : CONTROL EQUIPMENT</b>					
BAGHOUSE, HOSOKAWA MICROPUL, MODEL NO. 49S-8-20-C, 49 FILTER BAGS, 487 SQ. FT. TOTAL FILTER AREA, PULSE JET SHAKER, WITH A 10 H.P. BLOWER A/N: 498290 Permit to Construct Issued: 12/09/09	C55	D20 C76			D12.4, D322.1, E102.1, K67.4
DUST COLLECTOR, DONALDSON TORRIT, MODEL NO. DFT 3-36, 36 CARTRIDGES, EACH 13.8 IN DIA. X 26 IN H, 9174 SQ. FT. TOTAL FILTER AREA AND A PULSE JET SHAKER, WITH A 30 H.P. BLOWER A/N:	C77	D5 D13 D20 C76			D12.4, D322.1, E102.1, K67.4

\* (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 REXAM PLC, REXAM BEVERAGE CAN COMPANY

### 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 : SURFACE COATING</b>					
AFTERBURNER, MEGTEC, RTO, MODEL NO. CLEANSWITCH CS500-95, NATURAL GAS, 24 FT W X 43 FT 5 IN L X 18 FT 7 IN H, TWO HOT ROCK BEDS, 400 H.P. EXHAUST FAN, 9.7 MMBTU/HR A/N:	C76	D6 D14 D19 D21 D48 C55 C77	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 407,4-2-1982] ; <b>NOX:</b> 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,5-6-2005] ; <b>NOX:</b> 30 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996  <i>RULE 1303(a)(1)-BACT,12-6-2002</i> ] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; <b>PM:</b> (9) [RULE 404,2-7-1986]	A72.1, A72.2, A72.3, A72.4, A72.5, C409.1, D182.1, D328.1, E133.1, E193.3

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

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

**FACILITY PERMIT TO OPERATE  
REXAM PLC, REXAM BEVERAGE CAN COMPANY**

**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  
REXAM PLC, REXAM BEVERAGE CAN COMPANY**

**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>
D5	1	1	1
D6	1	1	1
D13	1	1	2
D14	2	1	2
D18	2	1	3
D19	3	1	3
D20	3	1	3
D21	4	1	3
D48	2	1	3
C55	4	1	4
D70	3	1	3
C71	3	1	3
C76	5	1	4
C77	4	1	4

## FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY

### 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 1431 LBS IN ANY ONE DAY

In addition to the recordkeeping requirements in Rule 109, the operator shall keep adequate records for this facility to verify the daily VOC emissions in pounds and VOC content of each material as applied (including water and exempt compounds).

All records required by this permit shall be prepared in a format which is acceptable to the District, retained on the premises for at least five years and shall be made available to any District representative upon request.

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

## FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY

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

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

F2.2 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
Single Volatile Hazardous Air Pollutant (VHAP)	Less than 1666 LBS IN ANY ONE MONTH
Combination of Volatile Hazardous Air Pollutants (VHAPs)	Less than 4166 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Hazardous Air Pollutant (VHAP) 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 VHAP 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 VHAP-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 VHAP-containing material used or stored at the facility, and all waste manifests for all waste VHAP-containing material removed from the facility, for five years.

[40CFR 63 Subpart KKKK, 11-13-2003]

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

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

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

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

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

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

**[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]**

F14.2 The operator shall not purchase any diesel fuel , for stationary source application as defined in Rule 431.2, containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

**[RULE 431.2, 9-15-2000]**

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

In addition to the requirements of Rule 109, the operator shall record volatile organic compound (VOC) emissions in lb/day from this facility. Such records shall be retained on the premises for at least five years, and shall be made available to District personnel upon request.

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

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

F24.1 Accidental release prevention requirements of Section 112(r)(7):

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

**[40CFR 68 - Accidental Release Prevention, 5-24-1996]**

### **DEVICE CONDITIONS**

#### **A. Emission Limits**

A72.1 The operator shall maintain this equipment to achieve a minimum destruction 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 : C76]

A72.2 The operator shall maintain this equipment to achieve a minimum capture efficiency of 70 percent for VOC during the normal operation of the equipment it vents.

This condition shall only apply to the total VOC emissions from basecoating process no.3 (devices D47 and D48).

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

[Devices subject to this condition : C76]

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

- A72.3 The operator shall maintain this equipment to achieve a minimum capture efficiency of 75 percent for VOC during the normal operation of the equipment it vents.

This condition shall only apply to the total VOC emissions from inside spray process no. 3 (devices D20 and D21).

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

[Devices subject to this condition : C76]

- A72.4 The operator shall maintain this equipment to achieve a minimum capture efficiency of 80 percent for VOC during the normal operation of the equipment it vents.

This condition shall only apply to the total VOC emissions from printing, overvarnishing and undervarnishing process no. 3 (devices D18, D19, D49 and D70).

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

[Devices subject to this condition : C76]

- A72.5 The operator shall maintain this equipment to achieve a minimum overall control efficiency of 77 percent for VOC during the normal operation of the equipment it vents.

This condition shall only apply to the total VOC emissions from inside spray process no.1 (devices D5 and D6).

This condition shall only apply to the total VOC emissions from inside spray process no. 2 (devices D13 and D14).

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

[Devices subject to this condition : C76]

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

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

B59.1 The operator shall not use the following material(s) in this device :

Coatings that contain cadmium or hexavalent chromium

Coatings having compounds containing cadmium or hexavalent chromium

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D5, D13]

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

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of August 18, 2000 or earlier, except ethylene glycol monobutyl ether, xylene and isopropyl alcohol.

[RULE 1401, 8-18-2000]

[Devices subject to this condition : D48]

B59.9 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of August 18, 2000 or earlier, except ethylene glycol monobutyl ether.

[RULE 1401, 8-18-2000]

[Devices subject to this condition : D18, D19, D20, D21, D70]

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

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

- C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 450 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the oven.

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

[Devices subject to this condition : D19, D21, D48]

- C6.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 475 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the oven.

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

[Devices subject to this condition : D6, D14]

- C6.3 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 7 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the HEPA filters.

The operator shall determine and record the parameter being monitored once every 7 days.

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

[Devices subject to this condition : C71]

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

C409.1 The operator shall ensure that burner used in this equipment shall meet the following specified requirements:

The burner shall only be used for the start-up of the equipment before the process air from the manufacturing operations is introduced into the oxidizer and shall be used for less than 180 minutes in any one day..

A oxidizer burner operating monitor shall be installed and maintained to continuously measure and record the time the start-up burner is in operation in minutes per day. The burner operation monitoring and recording system shall be in operation whenever the equipment it serves is in operation..

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

[Devices subject to this condition : C76]

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

D12.4 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the bags.

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

[Devices subject to this condition : C55, C77]

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

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

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

The source test shall be conducted no later than 180 days after the initial start-up of the equipment unless otherwise approved in writing by the District.

A source test protocol shall be submitted to the District engineer Shailesh Patel 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.

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 VOC in ppmv and lbs/hr, NO<sub>x</sub> and CO emissions in ppmv @ 3% O<sub>2</sub> and lbs/hr (oxidizer exhaust only), NO<sub>x</sub> emissions during the start-up burner operation only in ppmv @ 3% O<sub>2</sub>, VOC destruction efficiencies for different operations to show compliance with permit conditions, oxygen content, moisture content, flow rate and temperature.

In addition the usage of all voc-containing materials (coatings, inks, solvents, etc.) and operating temperature in combustion chamber shall be recorded during the test.

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

The source test shall be conducted while the oxidizer is operating at a temperature of not less than the minimum 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 may be increased at the time a permit to operate is issued to reflect the operating temperature during the source test.

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

Two complete copies of the source test reports shall be submitted to the District Engineer Shailesh Patel within 45 days after the source testing date. The source test report shall include, but not be limited to all testing data required by this condition.

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

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

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

The owner or operator of this equipment shall submit the results of all preliminary tests that are conducted on this equipment for informational purposes to the District Engineer Shailesh Patel within 45 days after the testing date.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : C76]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[Devices subject to this condition : C55, C71, C77]

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

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

[Devices subject to this condition : D19, D21, D48]

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with CO limits. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

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

[Devices subject to this condition : C76]

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

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

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

[Devices subject to this condition : C55, C77]

E133.1 The operator shall maintain an interlock so that the burner can only be operated between 2.5 and 9.7 MMBTU/HR firing rates, except during the start-up and shut-down periods.

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

[Devices subject to this condition : C76]

## **FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY**

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

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

E193.3 The operator shall 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 of within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

For the purpose of this condition, a deviation shall be defined as when a combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the combustion chamber temperature at or above 1,500 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective action taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if an accumulation of deviations exceeds 5 percent duration of this equipment's total operating time for any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

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 : C76]

## FACILITY PERMIT TO OPERATE REXAM PLC, REXAM BEVERAGE CAN COMPANY

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

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

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

H23.2 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 : D5, D13, D18, D20, D70]

#### **K. Record Keeping/Reporting**

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The name of the person performing the inspection and/or maintenance of the filter media.

The date, time and results of the inspection.

The date, time and description of any maintenance or repairs resulting from the inspection.

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

[Devices subject to this condition : C55, C71, C77]