

## **FACILITY PERMIT TO OPERATE**

**FALCON FOAM, A DIV OF ATLAS ROOFING CORP  
14104-1 TOWNE AVE  
LOS ANGELES, CA 90061**

### **NOTICE**

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By \_\_\_\_\_  
Carol Coy  
Deputy Executive Officer  
Engineering & Compliance



## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	DRAFT	07/06/2004
B	RECLAIM Annual Emission Allocation	DRAFT	07/06/2004
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	07/06/2004
E	Administrative Conditions	DRAFT	07/06/2004
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	07/06/2004
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	07/06/2004
H	Permit To Construct and Temporary Permit to Operate	DRAFT	07/06/2004
I	Compliance Plans & Schedules	DRAFT	07/06/2004
J	Air Toxics	DRAFT	07/06/2004
K	Title V Administration	DRAFT	07/06/2004
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	07/06/2004
B	Rule Emission Limits	DRAFT	07/06/2004



**FACILITY PERMIT TO OPERATE  
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**SECTION A: FACILITY INFORMATION**

LEGAL OWNER &/OR OPERATOR: FALCON FOAM, A DIV OF ATLAS ROOFING CORP

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 14104-11 TOWNE AVE  
LOS ANGELES, CA 90061

MAILING ADDRESS: 14104 TOWNE AVE  
LOS ANGELES, CA 90061

RESPONSIBLE OFFICIAL: ROGER OGAWA

TITLE: OPERATIONS MANAGER

TELEPHONE NUMBER: (310) 515-7102

CONTACT PERSON: ROGER OGAWA

TITLE: OPERATIONS MANAGER

TELEPHONE NUMBER: (310) 515-7102

TITLE V	RECLAIM
YES	NOx: YES SOx: NO CYCLE: 2 ZONE: COASTAL



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**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NO<sub>x</sub> RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO<sub>x</sub> emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

Year		Zone	NO <sub>x</sub> RTC Initially Allocated	NO <sub>x</sub> RTC <sup>1</sup> Holding as of 07/06/04 (pounds)	Non-Tradable <sup>2</sup> Credits (NTCs) (pounds)
Begin (month/year)	End				
7/2001	6 /2002	Coastal	3479	1073	
7/2002	6 /2003	Coastal	3123	1654	
7/2003	6 /2004	Coastal	2768	2768	
7/2004	6 /2005	Coastal	2768	2768	
7/2005	6 /2006	Coastal	2768	2768	
7/2006	6 /2007	Coastal	2768	2768	
7/2007	6 /2008	Coastal	2768	2768	
7/2008	6 /2009	Coastal	2768	2768	
7/2009	6 /2010	Coastal	2768	2768	
7/2010	6 /2011	Coastal	2768	2768	
7/2011	6 /2012	Coastal	2768	2768	
7/2012	6 /2013	Coastal	2768	2768	
7/2013	6 /2014	Coastal	2768	2768	
7/2014	6 /2015	Coastal	2768	2768	
7/2015	6 /2016	Coastal	2768	2768	
7/2016	6 /2017	Coastal	2768	2768	
7/2017	6 /2018	Coastal	2768	2768	

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (h)(2) of Rule 2002.

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Begin (month/year)	End				
7/2018	6 /2019	Coastal	2768	2768	

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
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SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### 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 : EXTERNAL COMBUSTION</b>					
<b>System 1 : INDUSTRIAL BOILERS</b>					
BOILER, NATURAL GAS, CLAYTON INDUSTRIES, MODEL EG304-LNB, W/ LOW NOX BURNER, 12.1 MMBTU/HR A/N: 388615	D112		NOX: LARGE SOURCE**	<b>CO:</b> 2000 PPMV NATURAL GAS (5A) [RULE 407,4-2-1982] ; <b>CO:</b> 100 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]  <b>CO:</b> 400 PPMV NATURAL GAS (5) [RULE 1146,11-17-2000] ; <b>NOX:</b> 12 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]  <b>NOX:</b> 12 PPMV NATURAL GAS (3) [RULE 2012,5-11-2001] ; <b>PM10:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	C1.1, D12.2, D323.1, D328.1, D328.2, H23.2
<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
<b>System 1 : POLYSTYRENE BEADS PRE-EXPANSION NO. 1</b>					
HOPPER, DUMP, RAW MATERIAL NO.1, POLYSTYRENE BEADS A/N: 366760	D3			<b>PM:</b> (5) [RULE 405,2-7-1986]	S1.1 D323.1
CONVEYOR, SCREW, AUGER NO.1, POLYSTYRENE BEADS A/N: 366760	D4			<b>PM:</b> (5) [RULE 405,2-7-1986]	D323.1

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

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

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<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
FOAM EXPANSION, EPS BEAD EXPANDER NO.1, HIRSCH, MODEL PREEX 12000 A/N: 366760	D5	C73		VOC: (5) [RULE 1175,5-13-1994]	E193.1, H23.1, II.1
DRYER, FLUIDIZED BED, FLUID BED DRYER NO. 1 A/N: 366760	D6	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
<b>System 2 : POLYSTYRENE BEADS PRE-EXPANSION NO. 2</b>					
HOPPER, DUMP, RAW MATERIAL NO. 2, POLYSTYRENE BEADS A/N: 366760	D7			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, SCREW, AUGER NO. 2, POLYSTYRENE BEADS A/N: 366760	D8			PM: (5) [RULE 405,2-7-1986]	D323.1, II.1
FOAM EXPANSION, EPS BEAD EXPANDER NO. 2, WEISER, MODEL VSD 4600 A/N: 366760	D9	C73		VOC: (5) [RULE 1175,5-13-1994]	E193.1, H23.1, II.1
DRYER, FLUIDIZED BED, FLUID BED NO. 2 A/N: 366760	D10	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
<b>System 3 : PRE-EXPANDED BEADS AGING/STABILIZATION SYSTEM</b>					
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D29	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1

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<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D30	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D31	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D32	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D33	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D34	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D35	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1

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STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D36	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D37	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D38	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, PRE-EXPANDED BEAD SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D39	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D40	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D41	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
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<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D42	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D43	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D44	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D45	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D46	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D47	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D48	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1

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STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D49	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D50	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D51	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D52	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D53	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D54	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D55	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1

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STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D56	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D57	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D58	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D59	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
STORAGE SILO, SURGE BAGS, PRE-EXPANDED POLYSTYRENE BEADS, WITH A CONE BOTTOM A/N: 366760	D60	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
<b>System 4 : PNEUMATIC CONVEYING SYSTEM</b>					
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D76			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D77			PM: (5) [RULE 405,2-7-1986]	D323.1

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<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D78			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D79			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D80			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D81			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D82			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D83			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D84			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D85			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D86			PM: (5) [RULE 405,2-7-1986]	D323.1

\* (1) Denotes RECLAIM emission factor (2) 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 FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D87			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D88			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D89			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D90			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D91			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D92			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D93			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D94			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D95			PM: (5) [RULE 405,2-7-1986]	D323.1

\* (1) Denotes RECLAIM emission factor (2) 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 FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D96			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D97			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D98			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D99			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D100			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D101			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D102			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D103			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D104			PM: (5) [RULE 405,2-7-1986]	D323.1

\* (1) Denotes RECLAIM emission factor (2) 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 FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D105			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D106			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, PRE-EXPANDED POLYSTYRENE BEADS A/N: 366760	D107			PM: (5) [RULE 405,2-7-1986]	D323.1
<b>System 5 : POLYSTYRENE BLOCK MOLDING SYSTEM</b>					S1.1, S1.2, S1.3, S1.4, S1.5, S1.6, S1.7
PRESS, BLOCK MOLD NO. 1, BERNDORF/HIRSCH, MODEL BAFTM 730 V4T A/N: 366760	D11	C73		VOC: (5) [RULE 1175,5-13-1994]	II.1
CONVEYOR, PNEUMATIC, MOLD CONVEYOR NO. 1 A/N: 366760	D12			PM: (5) [RULE 405,2-7-1986]	D323.1, II.1
PRESS, BLOCK MOLD NO. 2, KURTZ/WEISER, MODEL SF5 MFH A/N: 366760	D13	C73		VOC: (5) [RULE 1175,5-13-1994]	B59.1
CONVEYOR, PNEUMATIC, MOLD CONVEYOR NO. 2 A/N: 366760	D14			PM: (5) [RULE 405,2-7-1986]	D323.1
PRESS, BLOCK MOLD NO. 3, KURTZ/WIESER, MODEL SF18-4-32 D111A A/N: 366760	D15	C73		VOC: (5) [RULE 1175,5-13-1994]	B59.2, II.1

\* (1) Denotes RECLAIM emission factor (2) 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 FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
CONVEYOR, MOLD CONVEYOR NO. 3 A/N: 366760	D16			PM: (5) [RULE 405,2-7-1986]	D323.1
<b>System 6 : FOAM BLOCK CUTTING SYSTEM</b>					
CUTTER, TONGUE AND GROOVE A/N: 366760	D17			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, DRAG, BLOCK CONVEYOR A/N: 366760	D18			PM: (5) [RULE 405,2-7-1986]	D323.1
PACKAGING MACHINE, PLASTIC WRAP A/N: 366760	D19			PM: (5) [RULE 405,2-7-1986]	D323.1
CUTTER, TONGUE AND GROOVE A/N: 366760	D20			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, DRAG, CUTTING A/N: 366760	D21			PM: (5) [RULE 405,2-7-1986]	D323.1
PACKAGING MACHINE, PLASTIC WRAP STATION A/N: 366760	D22			PM: (5) [RULE 405,2-7-1986]	D323.1
CUTTER, TONGUE AND GROOVE A/N: 366760	D23			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, DRAG, CUTTING A/N: 366760	D24			PM: (5) [RULE 405,2-7-1986]	D323.1
PACKAGING MACHINE, PLASTIC WRAP A/N: 366760	D25			PM: (5) [RULE 405,2-7-1986]	D323.1
CUTTER, TONGUE AND GROOVE A/N: 366760	D26			PM: (5) [RULE 405,2-7-1986]	D323.1

\* (1) Denotes RECLAIM emission factor (2) 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 FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
CONVEYOR, DRAG, CUTTING A/N: 366760	D27			PM: (5) [RULE 405,2-7-1986]	D323.1
PACKAGING MACHINE, PLASTIC WRAP STATION A/N: 366760	D28			PM: (5) [RULE 405,2-7-1986]	D323.1
<b>System 8 : FOAM SCRAP RECOVERY SYSTEM</b>					
GRINDER, SCRAP A/N: 366760	D61			PM: (5) [RULE 405,2-7-1986]	D323.1
GRINDER, SCRAP A/N: 366760	D62			PM: (5) [RULE 405,2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, SCRAP POLYSTYRENE A/N: 366760	D63			PM: (5) [RULE 405,2-7-1986]	D323.1
CRUSHER, COMPACTOR, SCRAP A/N: 366760	D64			PM: (5) [RULE 405,2-7-1986]	D323.1
STORAGE SILO, SCRAP RECYCLING BAG, 9,800 CU.FT. A/N: 366760	D65			PM: (5) [RULE 405,2-7-1986]	D323.1
STORAGE SILO, SCRAP RECYCLING BAG, 9,800 CU.FT. A/N: 366760	D66			PM: (5) [RULE 405,2-7-1986]	D323.1
STORAGE SILO, SCRAP RECYCLING BAG, 9,800 CU.FT. A/N: 366760	D67			PM: (5) [RULE 405,2-7-1986]	D323.1
STORAGE SILO, SCRAP RECYCLING BAG, 9,800 CU.FT. A/N: 366760	D68			PM: (5) [RULE 405,2-7-1986]	D323.1

\* (1) Denotes RECLAIM emission factor (2) 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 FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 : POLYSTYRENE FOAM EXPANSION AND MOLDING</b>					
STORAGE SILO, SCRAP RECYCLING BAG, 9,800 CU.FT. A/N: 366760	D69			PM: (5) [RULE 405,2-7-1986]	D323.1
STORAGE SILO, SCRAP RECYCLING BAG, 9,800 CU.FT. A/N: 366760	D70			PM: (5) [RULE 405,2-7-1986]	D323.1
<b>Process 3 : AIR POLLUTION CONTROL</b>					
<b>System 1 : AIR POLLUTION CONTROL SYSTEM</b>					
AFTERBURNER, CATALYTIC, SHIP & SHORE, MODEL AMJ10K-C600-P, NATURAL GAS, 6 MMBTU/HR A/N: 388616	C73	D5 D6 D9 D10 D11 D13 D15 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43  D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV NATURAL GAS (3) [RULE 2012,5-11-2001] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	C8.1, C8.2, D12.1, D28.1, D323.1, E193.2, E193.3, K40.1

\* (1) Denotes RECLAIM emission factor (2) 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 FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### 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 4 : RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC REQUIREMENTS</b>					
<b>System 1 : RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC REQUIREMENTS</b>					
RULE 219 EXEMPT EQUIPMENT, PRINTING EQUIPMENT, WITH RELATED COATING, LAMINATING AND DRYING EQUIPMENT	E111			<b>ROG:</b> (5) [RULE 1130,10-8-1999;RULE 1171,8-2-2002;RULE 1171,11-7-2003]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E116			<b>ROG:</b> (9) [RULE 1113,11-8-1996;RULE 1113,12-5-2003;RULE 1171,8-2-2002;RULE 1171,11-7-2003]	K67.1

\* (1) Denotes RECLAIM emission factor (2) 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  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**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  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**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>
D3	1	2	1
D4	1	2	1
D5	2	2	1
D6	2	2	1
D7	2	2	2
D8	2	2	2
D9	2	2	2
D10	2	2	2
D11	11	2	5
D12	11	2	5
D13	11	2	5
D14	11	2	5
D15	11	2	5
D16	12	2	5
D17	12	2	6
D18	12	2	6
D19	12	2	6
D20	12	2	6
D21	12	2	6
D22	12	2	6
D23	12	2	6
D24	12	2	6
D25	12	2	6
D26	12	2	6
D27	13	2	6
D28	13	2	6
D29	2	2	3
D30	3	2	3
D31	3	2	3
D32	3	2	3
D33	3	2	3
D34	3	2	3
D35	3	2	3
D36	4	2	3
D37	4	2	3
D38	4	2	3

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**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>
D39	4	2	3
D40	4	2	3
D41	4	2	3
D42	5	2	3
D43	5	2	3
D44	5	2	3
D45	5	2	3
D46	5	2	3
D47	5	2	3
D48	5	2	3
D49	6	2	3
D50	6	2	3
D51	6	2	3
D52	6	2	3
D53	6	2	3
D54	6	2	3
D55	6	2	3
D56	7	2	3
D57	7	2	3
D58	7	2	3
D59	7	2	3
D60	7	2	3
D61	13	2	8
D62	13	2	8
D63	13	2	8
D64	13	2	8
D65	13	2	8
D66	13	2	8
D67	13	2	8
D68	13	2	8
D69	14	2	8
D70	14	2	8
C73	14	3	1
D76	7	2	4
D77	7	2	4
D78	8	2	4

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**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>
D79	8	2	4
D80	8	2	4
D81	8	2	4
D82	8	2	4
D83	8	2	4
D84	8	2	4
D85	8	2	4
D86	8	2	4
D87	9	2	4
D88	9	2	4
D89	9	2	4
D90	9	2	4
D91	9	2	4
D92	9	2	4
D93	9	2	4
D94	9	2	4
D95	9	2	4
D96	10	2	4
D97	10	2	4
D98	10	2	4
D99	10	2	4
D100	10	2	4
D101	10	2	4
D102	10	2	4
D103	10	2	4
D104	10	2	4
D105	11	2	4
D106	11	2	4
D107	11	2	4
E111	15	4	1
D112	1	1	1
E116	15	4	1

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

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

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

#### **FACILITY CONDITIONS**

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]

#### **SYSTEM CONDITIONS**

S1.1 The operator shall limit the material processed to no more than 7074 lb(s)/hr.

For the purpose of this condition, material processed shall be defined as pre-pu beads for foam block with densities from 1.36 to 1.65.

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

[Systems subject to this condition : Process 2, System 1 , 5]

S1.2 The operator shall limit the material processed to no more than 7860 lb(s)/hr.

For the purpose of this condition, material processed shall be defined as pre-pu beads for foam block with density less than 1.10.

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

[Systems subject to this condition : Process 2, System 5]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

S1.3 The operator shall limit the material processed to no more than 8421 lb(s)/hr.

For the purpose of this condition, material processed shall be defined as pre-pu beads for foam block with densities from 1.11 to 1.35.

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

[Systems subject to this condition : Process 2, System 5]

S1.4 The operator shall limit the material processed to no more than 5895 lb(s)/hr.

For the purpose of this condition, material processed shall be defined as pre-pu beads for foam block with densities from 1.66 to 2.20.

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

[Systems subject to this condition : Process 2, System 5]

S1.5 The operator shall limit the material processed to no more than 7074 lb(s)/hr.

For the purpose of this condition, material processed shall be defined as pre-pu beads for foam block with densities from 2.21 to 3.30.

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

[Systems subject to this condition : Process 2, System 5]

S1.6 The operator shall limit the material processed to no more than 7255 lb(s)/hr.

For the purpose of this condition, material processed shall be defined as pre-pu beads for foam block with densities from 3.31 to 4.40.

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

[Systems subject to this condition : Process 2, System 5]

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

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

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

S1.7 The operator shall limit the material processed to no more than 8421 lb(s)/hr.

For the purpose of this condition, material processed shall be defined as pre-pu beads for foam block with densities from 4.41 to 5.50.

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

[Systems subject to this condition : Process 2, System 5]

### **DEVICE CONDITIONS**

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

B59.1 The operator shall only use the following material(s) in this device :

Pre-pu beads for foam with 0 to 1.1 density shall not exceed 3740 lbs/hr.

Pre-pu beads for foam with 1.2 to 1.35 density shall not exceed 4007 lbs/hr.

Pre-pu beads for foam with 1.36 to 1.65 density shall not exceed 3366 lbs/hr.

Pre-pu beads for foam with 1.66 to 2.2 density shall not exceed 2805 lbs/hr.

Pre-pu beads for foam with 2.3 to 3.3 density shall not exceed 3366 lbs/hr.

Pre-pu beads for foam with 3.4 to 4.4 density shall not exceed 3452 lbs/hr.

Pre-pu beads for foam with 4.5 to 5.5 density shall not exceed 4007 lbs/hr.

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

[Devices subject to this condition : D13]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

B59.2 The operator shall only use the following material(s) in this device :

Pre-pu beads for foam with 0 to 1.1 density shall not exceed 4120 lbs/hr.

Pre-pu beads for foam with 1.2 to 1.35 density shall not exceed 4414 lbs/hr.

Pre-pu beads for foam with 1.36 to 1.65 density shall not exceed 3708 lbs/hr.

Pre-pu beads for foam with 1.66 to 2.2 density shall not exceed 3090 lbs/hr.

Pre-pu beads for foam with 2.3 to 3.3 density shall not exceed 3708 lbs/hr.

Pre-pu beads for foam with 3.4 to 4.4 density shall not exceed 3803 lbs/hr.

Pre-pu beads for foam with 4.5 to 5.5 density shall not exceed 4414 lbs/hr.

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

[Devices subject to this condition : D15]

### C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the natural gas fuel usage to no more than 5.824 MM cubic feet per month.

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

[Devices subject to this condition : D112]

C8.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 600 Deg F.

To comply with this condition, the operator shall monitor the temperature as specified in condition number 12-1.

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

[Devices subject to this condition : C73]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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

- C8.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 600 Deg F.

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

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : C73]

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

- D12.1 The operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature of the combustion chamber.

The operator shall also install and maintain a device to continuously record the parameter being measured.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2012, 5-11-2001; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C73]

- D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage being supplied to the combustion chamber.

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

[Devices subject to this condition : D112]

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

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

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

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

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

The test shall be conducted to determine the VOC emissions at the inlet and outlet simultaneously.

The test shall be conducted to demonstrate compliance with Rule 1175.

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

[Devices subject to this condition : C73]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

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

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 an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall either:

- 1). 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;
- 2). 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
- 3). 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). Visible emission observation record by a certified smoke reader.

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

[Devices subject to this condition : D3, D4, D7, D8, D12, D14, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D61, D62, D63, D64, D65, D66, D67, D68, D69, D70, C73, D76, D77, D78, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93, D94, D95, D96, D97, D98, D99, D100, D101, D102, D103, D104, D105, D106, D107, D112, D117, D118, D119, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D139, D140, D141, D145, D146, D147, D148, D149, D150, D151]

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

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

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

- D328.1 The operator shall determine compliance with the NOX emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 7.1; 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 Rule 2005 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

For the purpose of determining compliance with Rule 2005 concentration limit, the emissions shall be measured and averaged over a 60 minute time period.

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

[Devices subject to this condition : D112]

- D328.2 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 Rule 1303 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

For the purpose of determining compliance with Rule 1303 concentration limit, the emissions shall be measured and averaged over a 60 minute time period.

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

[Devices subject to this condition : D112]

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

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

### 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:

The operator shall age the expanded polystyrene beads with an initial pentane content of 5.5% or greater for a minimum of 12 hours prior to molding process.

The operator shall keep and maintain records to demonstrate compliance with this condition.

**[RULE 1175, 5-13-1994]**

[Devices subject to this condition : D5, D9]

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

The operator shall operate this equipment in such a manner that the temperature being monitored as indicated below is greater than or equal to 25 deg F higher than the temperature at the inlet of the catalyst.

To comply with this condition, the operator shall install and maintain a temperature gauge to accurately indicate the temperature at the outlet of the catalyst.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : C73]

E193.3 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall operate this equipment in such a manner that the catalyst activity being monitored as indicated below is greater than or equal to 95%.

The operator shall conduct an annual catalyst activity test.

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

[Devices subject to this condition : C73]

### **H. Applicable Rules**

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

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

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

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1175

**[RULE 1175, 5-13-1994]**

[Devices subject to this condition : D5, D9]

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

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146

**[RULE 1146, 11-17-2000]**

[Devices subject to this condition : D112]

**I. Administrative**

I1.1 The operator shall comply with all the requirements of Variance Case No. 3529-7 in accordance with the Findings and Decisions of the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.

**[RULE 1175, 5-13-1994; RULE 3004(a)(10)(C), 12-12-1997]**

[Devices subject to this condition : D5, D6, D8, D9, D10, D11, D12, D15, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60]

**K. Record Keeping/Reporting**

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

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

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

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 180 days after the source test was conducted.

**[RULE 2012, 5-11-2001; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C73]

K67.1 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 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 : E116]



## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
  - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
  - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
  - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation.[204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION E: ADMINISTRATIVE CONDITIONS

- a. Three years for a facility not subject to Title V; or
  - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
- a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
  - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
  - c. For a large NO<sub>x</sub> source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
  - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes. [204]
  - e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compound which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO<sub>2</sub>) and be averaged over 15 consecutive minutes; [407]
  - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent carbon dioxide (CO<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes. [409]
  - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulation, except those listed in Table 1 of Rule 2001 for NO<sub>x</sub> RECLAIM sources and Table 2 of Rule 2001 for SO<sub>x</sub> RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO<sub>x</sub> or SO<sub>x</sub> emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO<sub>x</sub> or SO<sub>x</sub> source, respectively. [2001]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
  - a. Brief description of the equipment tested.
  - b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
  - c. Operating conditions under which the test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
  - f. Description of calibration and quality assurance procedures.
  - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
  
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
  - a. The results of the source test.
  - b. Brief description of the equipment tested.
  - c. Operating conditions under which the test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Field and laboratory data forms, strip charts and analyses.
  - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
  
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

### **SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

#### **I. NO<sub>x</sub> Monitoring Conditions**

A. The Operator of a NO<sub>x</sub> Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

B. The Operator of a NO<sub>x</sub> Large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]
2. Comply at all times with the specified NO<sub>x</sub> concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NO<sub>x</sub> Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

### **SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

#### **II. NO<sub>x</sub> Source Testing and Tune-up Conditions**

1. The operator shall conduct all required NO<sub>x</sub> source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NO<sub>x</sub> source no later than June 30, 1997 and every 3 years thereafter. The source test shall include the determination of NO<sub>x</sub> concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO<sub>x</sub> large sources and NO<sub>x</sub> process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]



## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

### **SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES**

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

#### **I. Recordkeeping Requirements for all RECLAIM Sources**

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
  - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
  - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
  - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

#### **II. Reporting Requirements for all RECLAIM Sources**

1. The operator shall submit a quarterly certification of emissions including the facility's total NO<sub>x</sub> or SO<sub>x</sub> emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

#### **NO<sub>x</sub> Reporting Requirements**

- A. The Operator of a NO<sub>x</sub> Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR  
RECLAIM SOURCES**

- B. The Operator of a NO<sub>x</sub> Large Source, as defined in Rule 2012, shall:
1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NO<sub>x</sub> mass emissions from each large NO<sub>x</sub> source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]
- C. The Operator of a NO<sub>x</sub> Process Unit, as defined in Rule 2012, shall:
1. Electronically report the calculated quarterly NO<sub>x</sub> emissions for each NO<sub>x</sub> process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE



**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**SECTION I: COMPLIANCE PLANS & SCHEDULES**

NONE

**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

SECTION J: AIR TOXICS

NOT APPLICABLE

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

### SECTION K: TITLE V Administration

#### **GENERAL PROVISIONS**

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

#### **Permit Renewal and Expiration**

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that the initial Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]  
  
(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

#### **Duty to Provide Information**

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

#### **Payment of Fees**

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

#### **Reopening for Cause**

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:  
  
(A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION K: TITLE V Administration

- (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

### COMPLIANCE PROVISIONS

- 8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
  - (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
  - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

- 9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
  - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
- 10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION K: TITLE V Administration

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. 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, Regulation XXXI;
  - (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 apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after

**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

SECTION K: TITLE V Administration

commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION K: TITLE V Administration

#### EMERGENCY PROVISIONS

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
    - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
    - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
    - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
    - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
  - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

## **FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

### SECTION K: TITLE V Administration

#### **RECORDKEEPING PROVISIONS**

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
  - (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
  - (B) The date(s) analyses were performed;
  - (C) The company or entity that performed the analyses;
  - (D) The analytical techniques or methods used;
  - (E) The results of such analyses; and
  - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(o)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

#### **REPORTING PROVISIONS**

22. The operator shall comply with the following requirements for prompt reporting of deviations:
  - (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
  - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION K: TITLE V Administration

- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
- (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.
- The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]
25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

SECTION K: TITLE V Administration

**PERIODIC MONITORING**

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

## FACILITY PERMIT TO OPERATE FALCON FOAM, A DIV OF ATLAS ROOFING CORP

### SECTION K: TITLE V Administration

*FACILITY RULES*

*This facility is subject to the following rules and regulations:*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	12-5-2003	Non federally enforceable
RULE 1130	10-8-1999	Federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1171	11-7-2003	Non federally enforceable
RULE 1171	8-2-2002	Federally enforceable
RULE 1175	5-13-1994	Federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-O set	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-O set	5-10-1996	Federally enforceable
RULE 2012	5-11-2001	Federally enforceable
RULE 3004(a)(10)(C)	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 476	10-8-1976	Federally enforceable



**FACILITY PERMIT TO OPERATE  
FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN  
PERMIT PURSUANT TO RULE 219

NONE

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1113 11-8-1996]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

**TABLE OF STANDARDS**

**VOC LIMITS**

**Grams of VOC Per Liter of Coating,  
 Less Water And Less Exempt Compounds**

<b>COATING</b>	<b>Limit*</b>	<b>Effective Date of Adoption</b>	<b>Effective 1/1/1998</b>	<b>Effective 1/1/1999</b>	<b>Effective 7/1/2001</b>	<b>Effective 1/1/2005</b>	<b>Effective 7/1/2008</b>
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250				100		50
Graphic Arts (Sign) Coatings	500						
Industrial Maintenance							

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1113 11-8-1996]**

Primers and Topcoats							
Alkyds	420						
Catalyzed Epoxy	420						
Bituminous Coatings	420						
Materials							
Inorganic Polymers	420						
Vinyl Chloride Polymers	420						
Chlorinated Rubber	420						
Acrylic Polymers	420						
Urethane Polymers	420						
Silicones	420						
Unique Vehicles	420						
Japans/Faux Finishing	350	700		350			
Coatings							
Magnesite Cement Coatings	600			450			
Mastic Coatings	300						
Metallic Pigmented Coatings	500						
Multi-Color Coatings	420		250				
Pigmented Lacquer	680		550			275	
Pre-Treatment Wash Primers	780						
Primers, Sealers, and	350						
Undercoaters							
Quick-Dry Enamels	400						
Roof Coatings	300						
Shellac							
Clear	730						
Pigmented	550						
Stains	350						
Swimming Pool Coatings							
Repair	650						
Other	340						
Traffic Coatings	250		150				
Waterproofing Sealers	400						
Wood Preservatives							
Below-Ground	350						
Other	350						

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1113 11-8-1996]**

**TABLE OF STANDARDS (cont.)**

**VOC LIMITS**

**Grams of VOC Per Liter of Material**

<b>COATING</b>	<b>Limit</b>
Low-Solids Coating	120

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1113 12-5-2003]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1113 12-5-2003]**

**TABLE OF STANDARDS  
 VOC LIMITS**

**Grams of VOC Per Liter of Coating,  
 Less Water and Less Exempt Compounds**

COATING	Limit*	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350									
Clear Wood Finishes										
Varnish	350							275		
Sanding Sealers	350							275		
Lacquer	680	550					275			
Clear Brushing Lacquer	680						275			
Concrete-Curing Compounds	350									
Dry-Fog Coatings	400									
Fire-Proofing Exterior Coatings	450		350							
Fire-Retardant Coatings										
Clear	650									
Pigmented	350									
Flats	250			100						50
Floor Coatings	420				100			50		
Graphic Arts (Sign) Coatings	500									
Industrial Maintenance (IM) Coatings	420					250		100		
High Temperature IM Coatings**					420					
Zinc-Rich IM Primers	420				340			100		
Japans/Faux Finishing Coatings	700		350							
Magnesite Cement Coatings	600		450							
Mastic Coatings	300									
Metallic Pigmented Coatings	500									
Multi-Color Coatings	420	250								

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1113 12-5-2003]**

COATING	Limit*	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Non-Flat Coatings	250				150			50		
Pigmented Lacquer	680	550					275			
Pre-Treatment Wash Primers	780				420					
Primers, Sealers, and Undercoaters	350				200			100		
Quick-Dry Enamels	400				250			50		
Quick-Dry Primers, Sealers, and Undercoaters	350				200			100		
Recycled Coatings					250					
Roof Coatings	300				250		50			
Roof Coatings, Aluminum	500						100			
Roof Primers, Bituminous	350				350					
Rust Preventative Coatings	420				400			100		
Shellac										
Clear	730									
Pigmented	550									
Specialty Primers	350							100		
Stains	350				250				100	
Stains, Interior	250									
Swimming Pool Coatings										
Repair	650				340					
Other	340									
Traffic Coatings	250	150								
Waterproofing Sealers	400				250			100		
Waterproofing Concrete/Masonry Sealers	400							100		
Wood Preservatives										
Below-Ground	350									
Other	350									

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1113 12-5-2003]**

- \* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards
- \*\* The National VOC Standard at 650 g/l is applicable until 1/1/2003

**TABLE OF STANDARDS (cont.)**  
**VOC LIMITS**

**Grams of VOC Per Liter of Material**

COATING	Limit
Low-Solids Coating	120

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1171 11-7-2003]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 11-7-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)	25 (0.21)
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	750 (6.3)	100 (0.83)
(B) Packaging	25 (0.21)	
(iv) Lithographic or Letter Press Printing		
(A) Roller Wash – Step 1	600 (5.0)	100 (0.83)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)	100 (0.83)
(C) Removable Press Components	25 (0.21)	
(v) Screen Printing	750 (6.3)	100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)	100 (0.83)

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1171 11-7-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(vii) Specialty Flexographic Printing	600 (5.0)	100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

\* The specified limits remain in effect unless revised limits are listed in subsequent columns.

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1171 8-2-2002]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings, or Adhesives Application Equipment	550 (4.6)		25 (0.21)
(D) Cleaning of Ink Application Equipment			

**FACILITY PERMIT TO OPERATE  
 FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 8-2-2002]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(i) General	50 (0.42)	25 (0.21)	
(ii) Flexographic Printing	50 (0.42)	25 (0.21)	
(iii) Gravure Printing			
(A) Publication	750 (6.3)		100 (0.83)
(B) Packaging	50 (0.42)	25 (0.21)	
(iv) Lithographic or Letter Press Printing			
(A) Roller Wash – Step 1	600 (5.0)		100 (0.83)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)		100 (0.83)
(C) Removable Press Components	50 (0.42)	25 (0.21)	
(v) Screen Printing	750 (6.3)		100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)		100 (0.83)
(vii) Specialty Flexographic Printing	600 (5.0)		100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)	25 (0.21)	

\* The specified limits remain in effect unless revised limits are listed in subsequent columns.

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1175 5-13-1994]**

Except as otherwise provided in Rule 1175

Emission Control Requirements:

- (1) Manufacturing Operations, Excluding Expandable Polystyrene (EPS) Molding Operations
  - (A) By January 1, 1994, each polyurethane operation subject to the rule shall discontinue its use of CFCs, VOCs, or methylene chloride.
  - (B) Each manufacturing operation, excluding rigid polyurethane operations shall reduce yearly emissions from its 1988 emissions baseline, based on Rule 301 emission fees filing, by 100 percent, beginning calendar year 1994.
- (2) Expandable Polystyrene (EPS) Molding Operations

The operator of an expandable polystyrene (EPS) molding operation shall demonstrate, to the satisfaction of the Executive Officer, that manufacturing emissions and post-manufacturing emissions, assuming all the blowing agent is released from the product, are less than 2.4 lbs per 100 lbs of raw material processed.
- (3) The operator of any polymeric cellular manufacturing operation, subject to the requirements of paragraph (1) or (2), shall submit a plan to the District subject to approval by the Executive Officer's designee, that will demonstrate compliance with paragraph (1) or (2).
- (4) The operator of any polymeric cellular manufacturing operation that has not achieved the requirements specified in paragraphs (1), (2), or (3) shall:
  - (A) Submit permit applications for the installation of an emission control system within four months of the date that compliance with such requirement was not achieved; and
  - (B) Within 12 months of failing to meet the requirements of paragraph (1), (2), or (3), the following provisions must be satisfied:
    - (i) An approved emission control system is installed and operating with all sources of manufacturing emissions vented only to the approved emission control system; and

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1175 5-13-1994]**

Emissions from the final manufact~~(i)~~ured product are vented only to the approved emission control system for at least:

- (I) 48 hours, in the case of expandable polystyrene molding operations that process more than 800,000 pounds per calendar year of raw material; or
- (II) 24 hours, in the case of all other manufacturing operations.

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 404 2-7-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 404(a)**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 404 2-7-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 405 2-7-1986]**

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 405(a)**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9

**FACILITY PERMIT TO OPERATE**  
**FALCON FOAM, A DIV OF ATLAS ROOFING CORP**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 405 2-7-1986]**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0