



**South Coast
Air Quality Management District**

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

September 06, 2013

Mr. Gerardo C. Rios
Chief of Permit Operations
US EPA Region IX Air 3
75 Hawthorne Street
San Francisco, CA 94105-3901

Dear Mr. Rios:

SUBJECT: Storopack, Inc. (ID 52742) Title V Permit Revision

Storopack, Inc. has proposed to revise their Title V permit under Application No. 550409 by replacing the burner for permitted boiler (AN 526014; Permit No. G26545) with a new burner (filed under AN 550410).

This is a packaging foam manufacturing facility, located at 12007 S. Woodruff Ave., Downey, CA 90241. This proposed permit revision is considered as a "minor permit revision" to their Title V permit. Attached for your review are the permit evaluation and proposed Section D and Section H. With your receipt of the proposed Section D and Section H today, we will note that the EPA 45-day review period begins on September 6, 2013.

If you have any questions or need additional information regarding the proposed permit revision, please call Ms. Tracy Nguyen at (909) 396-2427.

Sincerely,

A handwritten signature in black ink, appearing to read "Mohan Balagopalan".

Mohan Balagopalan
Senior Manager
Chemical, Mechanical, and Ports Permitting

MB:tn
Attachments



FACILITY PERMIT TO OPERATE STOROPACK

Facility Equipment and Requirements (Section D)

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



FACILITY PERMIT TO OPERATE STOROPACK

PERMITTED EQUIPMENT LIST

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

Application number	Permit to Operate number	Equipment description
459267	F99968	EXTRUSION SYSTEM, POLYSTYRENE
454685	F99970	AFTERBURNER, DIRECT FLAME
526014	G26545	BOILER (< 5 MMBTU/HR), NAT GAS ONLY
550410	Modification of G26545	BOILER (< 5 MMBTU/HR), NAT GAS ONLY

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



FACILITY PERMIT TO OPERATE STOROPACK

FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
 - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
 - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.
[RULE 401]
2. THE OPERATOR SHALL NOT BURN LIQUID FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 500 PPM BY WEIGHT.
[RULE 431.2]
3. THE OPERATOR SHALL NOT PURCHASE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.
[RULE 431.2]



FACILITY PERMIT TO OPERATE STOROPACK

PERMIT TO OPERATE

Permit No. F99968
A/N 459267

Equipment Description:

EXPANDABLE POLYSTYRENE FOAM LOOSE FILL PACKAGING MATERIALS
MANUFACTURING SYSTEM, CONSISTING OF:

1. PNEUMATIC CONVEYOR, POLYSTYRENE PRE-SHAPED PELLETS RAW MATERIAL, WITH A VACUUM WAND AND A VACUUM LOADER, CONAIR
2. FEED HOPPER, 1'-4" W. X 1'-4" L. X 1'-4" H.
3. VERTICAL EXPANDER, STO-V-1038, RAPAC, 2'-8" DIA. X 5'-0" H., WITH A FEED AUGER AND A 2 HP MOTOR.
4. PNEUMATIC CONVEYOR, POLYSTYRENE PRE-SHAPED PELLETS RAW MATERIAL, WITH A VACUUM WAND AND A VACUUM LOADER, CONAIR
5. FEED HOPPER, 0'-8" W. X 1'-7" L. X 3'-0" H.
6. VERTICAL EXPANDER, STO-V-1037, STOROPACK GERMANY, 2'-8" DIA. X 6'-0" H., WITH A FEED AUGER AND A 2 HP MOTOR.
7. PNEUMATIC CONVEYOR, POLYSTYRENE EXPANDED PRE-SHAPED PELLETS, WITH SIXTEEN 7.5-HP BLOWERS AND FOUR 5-HP BLOWERS, COMMON TO ALL EXPANDERS, CURING HOPPERS, AND FINAL CURING AND STORAGE HOPPERS.
8. ROTARY EXPANDER, STO-W-1034, BIG W INDUSTRIES, 3'-0" DIA. X 12'-0" L., WITH A 2 HP MOTOR.
9. ROTARY EXPANDER, STO-W-1035, BIG W INDUSTRIES, 3'-0" DIA. X 12'-0" L., WITH A 2 HP MOTOR.
10. ROTARY EXPANDER, STO-W-1036, BIG W INDUSTRIES, 3'-0" DIA. X 12'-0" L., WITH A 2 HP MOTOR.
11. ROTARY EXPANDER, STO-A-1040, ARTISAN, 2'-8" DIA. X 10'-0" L. WITH A 0.5 HP MOTOR.
12. BELT EXPANDER, STO-B-1043, RAPAC, 2'-6" W. X 12'-0" L. X 5'-0" H., WITH A 0.75 HP MOTOR.
13. BELT EXPANDER, STO-B-1044, RAPAC, 2'-6" W. X 12'-0" L. X 5'-0" H., WITH A 0.75 HP MOTOR.
14. BELT EXPANDER, STO-B-1045, RAPAC, 2'-6" W. X 12'-0" L. X 5'-0" H., WITH A 0.75 HP MOTOR.
15. FINAL CURING AND STORAGE HOPPERS, TWENTY-FOUR, VINYL MESH TYPE.
16. PROCESS EQUIPMENT ROOM, PERMANENT TOTAL ENCLOSURE NO. 1 (PTE #1), HOUSING ITEM NOS. 1-6 AND 8-14.
17. WEST PRIMARY, SECONDARY, AND TERTIARY CURING ROOM, PERMANENT TOTAL ENCLOSURE NO. 2 (PTE #2), HOUSING SIX CURING HOPPERS.
18. SOUTHEAST PRIMARY, SECONDARY, AND TERTIARY CURING ROOM, PERMANENT TOTAL ENCLOSURE NO. 3 (PTE #3), HOUSING TWENTY-SIX CURING HOPPERS.
19. FINAL CURING AND STORAGE ROOM, PERMANENT TOTAL ENCLOSURE NO. 4 (PTE #4), HOUSING ITEM NO. 15.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]



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2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH RULE 1175.
[RULE 1175]

4. THE OPERATOR SHALL NOT USE RAW MATERIALS WITH AN INITIAL BLOWING AGENT CONTENT EXCEEDING 7 PERCENT IN THIS EQUIPMENT.

FOR THE PURPOSE OF THIS CONDITION, RAW MATERIAL SHALL BE DEFINED AS POLYSTYRENE BEADS OR POLYSTYRENE PRE-SHAPED PELLETS.
[RULE 1303(b)(2)-Offset]

5. THE OPERATOR SHALL NOT PROCESS MORE THAN 19,320 POUNDS OF POLYSTYRENE BEADS AND PRE-SHAPED PELLETS IN THIS SYSTEM IN ANY ONE DAY.
[RULE 1303(b)(2)-Offset]

6. THE OPERATOR SHALL NOT OPEN ANY CONTAINERS OF POLYSTYRENE BEADS OR PRE-SHAPED PELLETS RAW MATERIAL EXCEPT IN THE PROCESS EQUIPMENT ROOM.
[RULE 1175; RULE 1303(b)(2)-Offset]

7. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS THE PTE #1, PTE #2, PTE #3 AND PTE #4 ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1175; RULE 1303(b)(2)-Offset]

8. THE OPERATOR SHALL MAINTAIN THE PROCESS EQUIPMENT ROOM (PTE #1) UNDER A NEGATIVE PRESSURE OF AT LEAST 0.007 INCHES WATER COLUMN AT ALL TIMES, EXCEPT DURING A DAILY MAXIMUM OF 15 MINUTES WHEN MATERIALS ARE TRANSFERRED INTO THIS ROOM.
[RULE 1175; RULE 1303(b)(2)-Offset]

9. THE OPERATOR SHALL INSTALL AND MAINTAIN A DIFFERENTIAL PRESSURE MONITORING DEVICE FOR THE PROCESS EQUIPMENT ROOM (PTE #1), WHICH MONITORS THE DIFFERENTIAL PRESSURE BETWEEN THE INSIDE AND OUTSIDE OF THE PROCESS EQUIPMENT ROOM (PTE #1). THE OPERATOR SHALL INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE DIFFERENTIAL PRESSURE BEING MONITORED.
[RULE 1175; RULE 1303(b)(2)-Offset]

10. THE OPERATOR SHALL MAINTAIN THE PTE #2, PTE #3 AND PTE #4 UNDER A NEGATIVE PRESSURE OF AT LEAST 0.007 INCHES WATER COLUMN AT ALL TIMES.
[RULE 1175; RULE 1303(b)(2)-Offset]

11. THE OPERATOR SHALL INSTALL AND MAINTAIN DIFFERENTIAL PRESSURE MONITORING DEVICES FOR THE PTE #2, PTE #3 AND PTE #4, WHICH MONITOR THE DIFFERENTIAL PRESSURES BETWEEN THE INSIDE AND OUTSIDE OF THE PTE #2, PTE #3 AND PTE#4. THE OPERATOR SHALL INSTALL AND MAINTAIN DEVICES TO CONTINUOUSLY RECORD THE DIFFERENTIAL PRESSURES BEING MONITORED.
[RULE 1175; RULE 1303(b)(2)-Offset]



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12. THE OPERATOR SHALL STORE THE FINAL PRODUCT IN THE FINAL CURING AND STORAGE ROOM FOR A MINIMUM OF 24 HOURS FOLLOWING FINAL EXPANSION.
[RULE 1175; RULE 1303(b)(2)-Offset]
13. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO COMPLY WITH THE RECORDKEEPING REQUIREMENTS IN RULE 1175 AND TO VERIFY COMPLIANCE WITH CONDITION NOS. 4, 5, 8, 10, 12. SUCH RECORDS SHALL BE KEPT ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1175; RULE 1303(b)(2)-Offset]

Periodic Monitoring:

14. 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:
 - A. 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;
 - B. 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
 - C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 401; RULE 3004 (a)(4)-Periodic Monitoring]

Emissions And Requirements:



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STOROPACK**

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

VOC: RULE 1175

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE STOROPACK

PERMIT TO OPERATE

Permit No. F99970
A/N 454685

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. THERMAL OXIDIZER, SHIP & SHORE ENVIRONMENTAL, REGENERATIVE TYPE, MODEL 8.4K-95X-RTO, WITH A BURNER, MAXON OVENPACK II EB-3, 2.0 MMBTU/HR, AND A COMBUSTION AIR BLOWER, 5 HP.
2. EXHAUST SYSTEM WITH A 40-HP BLOWER VENTING PROCESS EQUIPMENT ROOM (PTE #1), WEST PRIMARY, SECONDARY, AND TERTIARY CURING ROOM (PTE #2), SOUTHEAST PRIMARY, SECONDARY, AND TERTIARY CURING ROOM (PTE #3), AND FINAL CURING AND STORAGE ROOM (PTE #4).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS AIR POLLUTION CONTROL SYSTEM AT A MINIMUM COLLECTION EFFICIENCY OF 100% VOC BY WEIGHT.
[RULE 1175(c)(4), RULE 1303(b)(2)-Offset]
4. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS AIR POLLUTION CONTROL SYSTEM AT A MINIMUM DESTRUCTION EFFICIENCY OF 98% VOC BY WEIGHT.
[RULE 1175(c)(4), RULE 1303(b)(2)-Offset]

Periodic Monitoring:

5. 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:
 - A. 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



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AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST;

- B. 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
- C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
 - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 401; RULE 3004 (a)(4)-Periodic Monitoring]
6. THE OPERATOR SHALL CONDUCT A SOURCE TEST TO DEMONSTRATE COMPLIANCE WITH RULE 1175 AT LEAST ONCE EVERY FIVE YEARS.
[RULE 1175; RULE 3004(a)(4)-Periodic Monitoring]
7. THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]
8. THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]
9. FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1500 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]
10. WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1500 DEGREES



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FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]

11. ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]
12. THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]
13. THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]
14. THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4)-Periodic Monitoring; 40 CFR Part 64]

Emissions And Requirements:

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

VOC: RULE 1175

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. G26545
A/N 526014

Equipment Description:

BOILER, AJAX BOILER, WATER-TUBE TYPE, MODEL SRF-100, WITH A LOW NOX BURNER, ACT, MODEL NO. 4.3MF, RATED 4,200,000 BTU/HR, AND A COMBUSTION BLOWER, 5 H.P.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.
[RULE 1303(a)(1)]
4. THIS BOILER SHALL EMIT NO MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 100 PPM OF CARBON MONOXIDE (CO), MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.
[RULE 1303(a)(1)] [RULE 1146.1]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO MEASURE THE NATURAL GAS USAGE IN THIS EQUIPMENT.
[RULE 1303(b)(2)]
6. THE TOTAL AMOUNT OF NATURAL GAS USED IN THIS EQUIPMENT SHALL NOT EXCEED 2,640,000 STANDARD CUBIC FEET IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)]
7. THE OPERATOR OF THIS BOILER SHALL COMPLY WITH RULE 1146.1.
[RULE 1146.1]
8. ONCE THIS EQUIPMENT IS INSTALLED AND OPERATING, THE BOILER PERMITTED UNDER AN459269 (PERMIT NO. F99969) SHALL BE INACTIVATED AND REMOVED FROM THE FACILITY.
[RULE 1303(b)(2)]

Periodic Monitoring:

9. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE



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COMPLIANCE WITH RULE 1146.1 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

10. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS 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 1146.1 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION
 - CO: 100 PPMV, RULE 1303(a)(1)
 - CO: 400 PPMV, RULE 1146.1
 - CO: 2000 PPMV, RULE 407
 - NOX: 12 PPMV, RULE 1303(a)(1)
 - NOx: 9 PPMV, RULE 1146.1
 - PM: 0.1 GR/SCF, RULE 409
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO CONSTRUCT

Permit No. *NONE*
A/N 550410

Equipment Description:

BOILER, AJAX BOILER, WATER-TUBE TYPE, MODEL SRF-100, WITH A LOW NOX BURNER, POWER FLAME, MODEL NO. NVCR4-G-30, RATED 4,200,000 BTU/HR, AND A COMBUSTION BLOWER, 5 H.P.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.
[RULE 1303(a)(1)]
4. THIS BOILER SHALL EMIT NO MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 100 PPM OF CARBON MONOXIDE (CO), MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.
[RULE 1303(a)(1)] [RULE 1146.1]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTING TOTALIZING FUEL METER TO MEASURE THE NATURAL GAS USAGE IN THIS EQUIPMENT.
[RULE 1303(b)(2)]
6. THE TOTAL AMOUNT OF NATURAL GAS USED IN THIS EQUIPMENT SHALL NOT EXCEED 2,640,000 STANDARD CUBIC FEET IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)]
7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:
 - A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER THE PERMIT TO CONSTRUCT IS ISSUED OR 60 DAYS AFTER INITIAL START-UP OF THIS EQUIPMENT, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
 - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NO_x AND CO EMISSION LIMITS SPECIFIED BY THIS PERMIT.
 - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES.



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- D. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765, ATTN: CHEMICAL UNIT) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
- E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765, ATTN: CHEMICAL UNIT) WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
- I. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM),
 - II. THE FIRING RATES, IN BTU PER HOUR,
 - III. THE EXHAUST TEMPERATURE, IN DEGREE F,
 - IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT, AND
 - V. THE FUEL FLOW RATE.
- F. THE TEST SHALL BE CONDUCTED BY A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH RULE 304 (NO CONFLICT OF INTEREST).
- G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 1146.1] [RULE 1303(a)(1)]

8. THE OPERATOR OF THIS BOILER SHALL COMPLY WITH RULE 1146.1.
[RULE 1146.1]

Periodic Monitoring:

9. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS 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 1146.1 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]
10. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS 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 1146.1 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.



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[RULE 3004 (a)(4)]

Emissions And Requirements:

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

CO: 100 PPMV, RULE 1303(a)(1)
CO: 400 PPMV, RULE 1146.1
CO: 2000 PPMV, RULE 407
NOX: 12 PPMV, RULE 1303(a)(1)
NOx: 9 PPMV, RULE 1146.1
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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

See Section D of this permit for any Permits to Construct issued to this facility.



FACILITY PERMIT TO OPERATE STOROPACK

RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.
[RULE 3004 (a) (4)]

Emissions And Requirements:

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

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE STOROPACK

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS