

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

| Equipment   | ID No. | Connected To | RECLAIM Source Type/<br>Monitoring Unit | Emissions *<br>And Requirements   | Conditions   |
|---|--------|--------------|---|---|--|
| <b>Process 1: COATING OPERATIONS</b>  |        |              |   |   |  |
| <b>System 1: SPRAYING</b>   |        |              |   |   |  |
| SPRAY COATING OPERATION, PORTABLE SPRAY GUN<br>A/N: 324217  | D1     | C11 C16      |   | PM: (9) [RULE 404, 2-7-1986];<br>VOC: (9) [RULE 1168, 1-7-2005;<br>RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]   | A63.2, B27.1,<br>H23.1   |
| SPRAY COATING OPERATION, GEL COAT SPRAY STATION IN PTE (TUNNEL) WITH OVERLAPPING SWING DOORS, AND TWENTY FOUR 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N: | D2     | C11 C16      |   | HAP: (10) [40CFR 63 Subpart WWWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]  | A63.1, B27.1,<br>C6.1, D322.1,<br>E71.1, E175.1,<br>H23.2, K67.1,<br>K67.3 |
| SPRAY COATING OPERATION, SPRAY STATION NO. 2 CHOPPER, IN PTE (TUNNEL) WITH, THIRTY 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N:                            | D3     | C11 C16      |   | HAP: (10) [40CFR 63 Subpart WWWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]  | A63.1, B27.1,<br>C6.1, D322.1,<br>E71.1, E175.1,<br>H23.2, K67.1,<br>K67.3 |
| SPRAY COATING OPERATION, SPRAY STATION NO. 1 CHOPPER, IN A PTE (TUNNEL) WITH, THIRTY 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N:                          | D4     | C11 C16      |   | CO: 100 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; HAP: (10) [40CFR 63 Subpart WWWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009] | A63.1, B27.1,<br>C6.1, D322.1,<br>E71.1, E175.1,<br>H23.2, K67.1,<br>K67.3 |
| SPRAY COATING OPERATION, SPRAY STATION NO. 3 CHOPPER, IN A PTE (TUNNEL) WITH, THIRTY 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N:                          | D5     | C11 C16      |   | HAP: (10) [40CFR 63 Subpart WWWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]  | A63.1, B27.1,<br>C6.1, D322.1,<br>E71.1, E175.1,<br>H23.2, K67.1,<br>K67.3 |

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

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

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

| Equipment  | ID No. | Connected To | RECLAIM Source Type/<br>Monitoring Unit | Emissions *<br>And Requirements  | Conditions                       |
|--|--------|--------------|---|--|----------------------------------|
| <b>Process 1: COATING OPERATIONS</b>   |        |              |   |  |                                  |
| <b>System 2: OVEN</b>  |        |              |   |  |                                  |
| OVEN, CURING, WITH A MAXON OVENPAK LE BURNER, NATURAL GAS, IN A PERMANENT TOTAL ENCLOSURE (TUNNEL), 0.9 MMBTU/HR<br>A/N: | D6     | C11 C16      |   | CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV (5) [RULE 1147, 12-5-2008]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981] | A63.1, B27.1, C6.2, E71.1, H23.3 |
| <b>Process 2: STORAGE TANKS</b>  |        |              |   |  |                                  |
| <b>System 1:</b>   |        |              |   |  |                                  |
| STORAGE TANK, UNHEATED, B, POLYESTER RESIN, 4800 GALS; DIAMETER: 8 FT ; HEIGHT: 14 FT 6 IN<br>A/N: 324214                | D7     |              |   |  |                                  |
| STORAGE TANK, UNHEATED, A, POLYESTER RESIN, 4800 GALS; DIAMETER: 8 FT ; HEIGHT: 14 FT 6 IN<br>A/N: 324210                | D8     |              |   |  |                                  |
| <b>Process 3: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES</b>   |        |              |   |  |                                  |
| RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS   | E9     |              |   | VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]   | K67.2                            |
| RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS   | E10    |              |   | VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]   | H23.1                            |
| RULE 219 EXEMPT EQUIPMENT, HAND LAY, BRUSH AND ROLL UP RESIN OPERATIONS  | E14    |              |   | HAP: (10) [40CFR 63 Subpart WWWW, 4-21-2003]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]                         | H23.1                            |

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

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

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

| Equipment   | ID No. | Connected To             | RECLAIM Source Type/<br>Monitoring Unit | Emissions *<br>And Requirements  | Conditions   |
|---|--------|--------------------------|---|--|--|
| <b>Process 3: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES</b>  |        |                          |   |  |  |
| RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, SCAQMD RULE 1146.2 TYPE 2  | E15    |                          |   | CO: 400 PPMV (5A) [RULE 1146.2, 5-5-2006]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV (5) [RULE 1146.2, 5-5-2006]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]           |  |
| <b>Process 4: CONTROL EQUIPMENT</b>   |        |                          |   |  |  |
| <b>System 1: COATING LINE</b>   |        |                          |   |  |  |
| CARBON ADSORBER, FIXED REGENERATIVE, 17000 SCFM, 5 CELLS, WITH A PRE-FILTER UNIT, SHIP & SHORE, ONE 60 H.P. BLOWER AND 21,000 LBS TOTAL CARBON<br>A/N: 454152 | C11    | D1 D2 D3 D4<br>D5 D6 C12 |   |  | A63.1, A72.1,<br>D28.1,<br>D182.1,<br>E153.1,<br>E193.4, K67.3   |
| OXIDIZER, THERMAL, SHIP & SHORE, MODEL SGT0-1K-22, NATURAL GAS, WITH 2 HP AIR BLOWER, 1.6 MMBTU/HR WITH<br>A/N: 454152  | C12    | C11                      |   | CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 60 PPMV (5) [RULE 1147, 12-5-2008]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981] | A63.1, A72.2,<br>C8.1, D28.1,<br>D182.1,<br>E193.2, H23.3,<br>H116.1, K67.3<br><br>A63.1, D28.1,<br>D182.1 |
| BOILER, WASTE HEAT  |        |                          |   |  |  |

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

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

**FACILITY PERMIT TO OPERATE  
BRISTOL FIBERLITE INDUSTRIES, INC**

**SECTION D: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE  
BRISTOL FIBERLITE INDUSTRIES, INC**

**SECTION D: DEVICE ID INDEX**

| <b>Device Index For Section D</b> |                           |                |               |
|-----------------------------------|---------------------------|----------------|---------------|
| <b>Device ID</b>                  | <b>Section D Page No.</b> | <b>Process</b> | <b>System</b> |
| D1                                | 1                         | 1              | 1             |
| D2                                | 1                         | 1              | 1             |
| D3                                | 1                         | 1              | 1             |
| D4                                | 1                         | 1              | 1             |
| D5                                | 1                         | 1              | 1             |
| D6                                | 2                         | 1              | 2             |
| D7                                | 2                         | 2              | 1             |
| D8                                | 2                         | 2              | 1             |
| E9                                | 2                         | 3              | 0             |
| E10                               | 2                         | 3              | 0             |
| C11                               | 3                         | 4              | 1             |
| C12                               | 3                         | 4              | 1             |
| E14                               | 2                         | 3              | 0             |
| E15                               | 3                         | 3              | 0             |

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

### 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]

#### DEVICE CONDITIONS

##### A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT                              |
|-------------|--|
| VOC         | Less than or equal to 264 LBS IN ANY ONE DAY |

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from D2, D3, D4, D5, D6, C11 and C12.

The operator shall use an overall removal efficiency of 85.5 percent to calculate daily emissions of VOC from resin operations performed in devices D2, D3, D4, D5 and D6, which are vented to control devices C11 and C12.

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

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

[Devices subject to this condition : D2, D3, D4, D5, D6, C11, C12]

A63.2 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT                                |
|-------------|--|
| VOC         | Less than or equal to 540 LBS IN ANY ONE MONTH |

To ensure compliance with the monthly Volatile Organic Compound (VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

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

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

[Devices subject to this condition : D1]

- A72.1 The operator shall maintain this equipment to achieve a minimum removal efficiency of 90 percent for VOC during the normal operation of the equipment it vents.

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

[Devices subject to this condition : C11]

- A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 95 percent for VOC during the normal operation of the equipment it vents.

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

[Devices subject to this condition : C12]

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

- B27.1 The operator shall not use materials containing any compounds identified in the SCAQMD Rule 1401, as amended 07-dec-1990.

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D1, D2, D3, D4, D5, D6]

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

- C6.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

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

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

The operator shall maintain records in a manner acceptable to the District, to demonstrate compliance with this condition

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

[Devices subject to this condition : D2, D3, D4, D5]

C6.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 110 Deg F.

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

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

The operator shall maintain records in a manner acceptable to the District, to demonstrate compliance with this condition.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]**

[Devices subject to this condition : D6]

C8.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1500 Deg F.

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the combustion chamber of the thermal oxidizer.

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]

[Devices subject to this condition : C12]

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

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

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

The test shall be conducted to determine VOC removal efficiency of the adsorber unit. VOC concentration of the adsorber inlet and outlet and VOC content & amount of all materials used during the test shall be measured and recorded.

The test shall be conducted to determine VOC destruction efficiency of the thermal oxidizer. VOC concentration of the inlet and outlet from the thermal oxidizer shall be measured and recorded during the test.

The test shall be conducted once during the life of the permit.

The test shall be conducted no later than September 22, 2013 unless otherwise approved in writing by the District.

The test shall be conducted to determine the VOC emissions using an approved District method to demonstrate compliance with all applicable permit condition(s), rules and regulations.

The test shall be conducted while the oxidizer is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in the permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

**[RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C11, C12]

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

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

The operator shall submit two complete copies of the source test report specified in condition No. D28.1 to the District Engineering and Compliance Division. The Engineering copy of the report shall be sent to: SCAQMD, Coating, Printing and Aerospace Operations, Attn: AQACS, 21865 Copley Drive, Diamond Bar, CA 91765. The compliance copy of the report shall be sent to: SCAQMD, P.O.Box 4941, Diamond Bar, CA 91765

**[RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C11, C12]

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

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

[Devices subject to this condition : D2, D3, D4, D5]

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

E71.1 The operator shall only operate this equipment using the permanent total enclosure (PTE) which is maintained in compliance with all criteria specified in EPA method 204.

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

[Devices subject to this condition : D2, D3, D4, D5, D6]

E153.1 The operator shall regenerate the carbon in the adsorber whenever breakthrough occurs.

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

For the purpose of this condition, breakthrough shall be defined as occurring after every 18 hours of operation of a carbon adsorber cell.

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

[Devices subject to this condition : C11]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick.

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

[Devices subject to this condition : D2, D3, D4, D5]

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

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

The combustion chamber temperature shall be maintained at a minimum of 1,500 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to all applicable requirements in Section 63.5855 and 63.5895 of 40 CFR 63 Subpart WWWW. Such a system shall have an accuracy of within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

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

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

All deviations shall be reported to the AQMD on a semi-annual basis pursuant to the requirements specified in Section 63.5910 of 40 CFR 63 Subpart WWWW and Condition Nos. 22 and 23 in Section K of this permit.

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all application requirements specified in this condition and 40 CFR 63 Subpart WWWW for a minimum of five years.

The operator shall comply with this condition no later than April 21, 2006.

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 63 Subpart WWW, 4-21-2003]**

[Devices subject to this condition : C12]

E193.4 The operator shall operate and maintain this equipment according to the following requirements:

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

Each carbon cell shall be regenerated at least once every 18 hours of operation. The operator shall operate and maintain a timer system to automatically regenerate each carbon cell. Such a system shall be inspected and maintained on an annual basis pursuant to manufacturer's specifications.

The operator shall operate and maintain a monitoring system to continuously measure and record the outlet VOC concentration of this equipment pursuant to all applicable requirements specified in Section 63.5855 and 63.5895 of 40 CFR 63 Subpart WWW. Such a monitoring system shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications using an applicable AQMD or EPA approved method.

For the purpose of this condition, a deviation shall be defined as when the outlet VOC concentration of this equipment exceeds a level that is determined pursuant to Section 63.5855 and 63.5895 of 40 CFR 63 Subpart WWW during normal operation of the equipment it serves. The operator shall review the records of the outlet VOC concentration on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective actions, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective actions taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in Section 63.5910 of 40 CFR 63 Subpart WWW and Condition Nos. 22 and 23 in Section K of this permit.

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR 63 Subpart WWW for a minimum of five years.

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

The operator shall comply with this condition no later than April 21, 2006.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 63 Subpart WWWW, 4-21-2003]**

[Devices subject to this condition : C11]

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

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

| Contaminant | Rule          | Rule/Subpart |
|-------------|---------------|--------------|
| VOC         | District Rule | 109          |

**[RULE 109, 5-2-2003]**

[Devices subject to this condition : D1, E10, E14]

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

| Contaminant | Rule          | Rule/Subpart |
|-------------|---------------|--------------|
| VOC         | District Rule | 109          |
| PM          | District Rule | 481          |

**[RULE 109, 5-2-2003; RULE 481, 1-11-2002]**

[Devices subject to this condition : D2, D3, D4, D5]

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule          | Rule/Subpart |
|-------------|---------------|--------------|
| NOX         | District Rule | 1147         |

[RULE 1147, 9-9-2011]

[Devices subject to this condition : D6, C12]

H116.1 The operator shall implement the plan in accordance with all data and specifications submitted with application no. 428865 in order to comply with Rule 480 whenever there is natural gas curtailment or shortage. The operator shall discontinue or curtail production as necessary to ensure compliance with all the District Rules and Regulations and permit conditions.

[RULE 480, 10-7-1977]

[Devices subject to this condition : C12]

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

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

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

the date, time and results of the inspection

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

weekly records of pressure drop across the filter media

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

[Devices subject to this condition : D2, D3, D4, D5]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

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

[Devices subject to this condition : E9]

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

In addition to record keeping requirements in Rule 109, the operator shall maintain daily Volatile Organic Compound (VOC) emissions records in pounds and VOC emission factor or VOC content of each material as applied (including water and exempt compounds). VOC emissions shall be calculated using 85.5% overall control efficiency of the adsorber and thermal oxidizer system. Material safety data sheets for the materials used at this facility shall be kept current.

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

[Devices subject to this condition : D2, D3, D4, D5, C11, C12]

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

| Equipment   | ID No. | Connected To | RECLAIM Source Type/<br>Monitoring Unit | Emissions*<br>And Requirements  | Conditions   |
|---|--------|--------------|---|---|--|
| <b>Process 1: COATING OPERATIONS</b>  |        |              |   |   |  |
| <b>System 1: SPRAYING</b>   |        |              |   |   |  |
| SPRAY COATING OPERATION, GEL COAT SPRAY STATION IN PTE (TUNNEL) WITH OVERLAPPING SWING DOORS, AND TWENTY FOUR 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N: | D2     | C11 C16      |   | HAP: (10) [40CFR 63 Subpart WWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]   | A63.3, B27.1, C6.1, D322.1, E71.1, E175.1, H23.2, K67.1, K67.4 |
| SPRAY COATING OPERATION, SPRAY STATION NO. 2 CHOPPER, IN PTE (TUNNEL) WITH, THIRTY 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N:                            | D3     | C11 C16      |   | HAP: (10) [40CFR 63 Subpart WWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]   | A63.3, B27.1, C6.1, D322.1, E71.1, E175.1, H23.2, K67.1, K67.4 |
| SPRAY COATING OPERATION, SPRAY STATION NO. 1 CHOPPER, IN A PTE (TUNNEL) WITH, THIRTY 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N:                          | D4     | C11 C16      |   | CO: 100 PPMV NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; HAP: (10) [40CFR 63 Subpart WWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009] | A63.3, B27.1, C6.1, D322.1, E71.1, E175.1, H23.2, K67.1, K67.4 |
| SPRAY COATING OPERATION, SPRAY STATION NO. 3 CHOPPER, IN A PTE (TUNNEL) WITH, THIRTY 20" X 20" EXHAUST FILTERS, WITH SPRAY BOOTH<br>A/N:                          | D5     | C11 C16      |   | HAP: (10) [40CFR 63 Subpart WWW, 4-21-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]   | A63.3, B27.1, C6.1, D322.1, E71.1, E175.1, H23.2, K67.1, K67.4 |

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

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

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

| Equipment   | ID No. | Connected To         | RECLAIM Source Type/<br>Monitoring Unit | Emissions*<br>And Requirements  | Conditions   |
|---|--------|----------------------|---|---|--|
| <b>Process 1: COATING OPERATIONS</b>  |        |                      |   |   |  |
| <b>System 2: OVEN</b>   |        |                      |   |   |  |
| OVEN, CURING, WITH A MAXON ,<br>MODEL M-PAKT BURNER,<br>NATURAL GAS, IN A PERMANENT<br>TOTAL ENCLOSURE (TUNNEL), 0.9<br>MMBTU/HR<br>A/N:  | D6     | C11 C16              |   | CO: 2000 PPMV (5) [RULE<br>407, 4-2-1982]; NOX: 30<br>PPMV (5) [RULE 1147,<br>12-5-2008]; PM: (9) [RULE<br>404, 2-7-1986]; PM: 0.1<br>GRAINS/SCF NATURAL<br>GAS (5) [RULE 409, 8-7-1981]  | A63.1, A63.3,<br>B27.1, C6.2,<br>E71.1, H23.3            |
| <b>Process 4: CONTROL EQUIPMENT</b>   |        |                      |   |   |  |
| <b>System 1: COATING LINE</b>   |        |                      |   |   |  |
| AFTERBURNER, HOT ROCK, SHIP &<br>SHORE, MODEL NO.<br>SSE-20K-95X-RTO, 20,000 SCFM,<br>NATURAL GAS, MAXON<br>KINEDIZER-LE BURNER, WITH A 15<br>HP AIR BLOWER AND A 100 HP<br>EXHAUST BLOWER, 4.6<br>MMBTU/HR<br>A/N: | C16    | D1 D2 D3 D4<br>D5 D6 |   | CO: 100 PPMV NATURAL<br>GAS (4) [RULE 1303(a)(1)<br>-BACT, 5-10-1996; RULE<br>1303(a)(1)-BACT, 12-6-2002];<br>CO: 2000 PPMV NATURAL<br>GAS (5) [RULE 407,<br>4-2-1982]; NOX: 30 PPMV (4)<br>[RULE 1303(a)(1)-BACT,<br>5-10-1996; RULE 1303(a)(1)<br>-BACT, 12-6-2002]; NOX: 60<br>PPMV (5) [RULE 1147,<br>9-9-2011]; PM: (9) [RULE 404,<br>2-7-1986]; PM: 0.1<br>GRAINS/SCF NATURAL<br>GAS (5) [RULE 409, 8-7-1981] | A63.3, A72.2,<br>C8.2, D28.3,<br>E193.5, H23.3,<br>K67.4 |

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

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

# **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

## **SECTION H: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**

# FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

## SECTION H: DEVICE ID INDEX

| <b>Device Index For Section H</b> |                           |                |               |
|-----------------------------------|---------------------------|----------------|---------------|
| <b>Device ID</b>                  | <b>Section H Page No.</b> | <b>Process</b> | <b>System</b> |
| D2                                | 1                         | 1              | 1             |
| D3                                | 1                         | 1              | 1             |
| D4                                | 1                         | 1              | 1             |
| D5                                | 1                         | 1              | 1             |
| D6                                | 2                         | 1              | 2             |
| C16                               | 2                         | 4              | 1             |

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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]

#### DEVICE CONDITIONS

##### A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT                              |
|-------------|--|
| VOC         | Less than or equal to 264 LBS IN ANY ONE DAY |

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from D2, D3, D4, D5, D6, C11 and C12.

The operator shall use an overall removal efficiency of 85.5 percent to calculate daily emissions of VOC from resin operations performed in devices D2, D3, D4, D5 and D6, which are vented to control devices C11 and C12.

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

[Devices subject to this condition : D6]

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

A63.3 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT                              |
|-------------|--|
| VOC         | Less than or equal to 264 LBS IN ANY ONE DAY |

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from D2, D3, D4, D5, D6 and C16.

The operator shall use overall control efficiency of 95 percent to calculate daily emissions of VOC from resin operations performed in devices D2, D3, D4, D5 and D6, which are vented to control device C16.

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

[Devices subject to this condition : D2, D3, D4, D5, D6, C16]

A72.2 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 95 percent for VOC during the normal operation of the equipment it vents.

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

[Devices subject to this condition : C16]

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

B27.1 The operator shall not use materials containing any compounds identified in the SCAQMD Rule 1401, as amended 07-dec-1990.

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D2, D3, D4, D5, D6]

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

C6.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

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

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

The operator shall maintain records in a manner acceptable to the District, to demonstrate compliance with this condition

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

[Devices subject to this condition : D2, D3, D4, D5]

C6.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 110 Deg F.

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

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

The operator shall maintain records in a manner acceptable to the District, to demonstrate compliance with this condition.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]**

[Devices subject to this condition : D6]

C8.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

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

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

[Devices subject to this condition : C16]

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

D28.3 The operator shall conduct source test(s) in accordance with the following specifications:

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

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

The test shall be conducted after source test protocol approval in writing by the District. A source test protocol shall be submitted to the District no later than 60 days after the initial start-up of this equipment unless otherwise approved in writing by the District. The test protocol shall include the completed District forms ST-1 and ST-2 specifying the proposed operating conditions of the equipment during the test, the identity of the testing laboratory, a statement from the testing laboratory certify.

The test shall be conducted but may not be limited to, testing of the oxidizer for Volatile Organic Compound (VOC) in ppmv and lbs/hr, VOC destruction efficiency, VOC collection efficiency, usage (in gallons) of all VOC-containing materials during the test, NO<sub>x</sub> in ppmv (& lbs/hr) during start-up burner operation only, NO<sub>x</sub> in ppmv (& lbs/hr) during the normal operation, CO in ppmv and lbs/hr, PM<sub>10</sub> in lbs/hr inlet and outlet to RTO, testing for solid content in lbs/gal of coating as mixed, moisture content, flow rate, temperature.

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

The test shall be conducted after notifying the District the source testing date at least 14 days prior to the testing date so that an observer from the district may be present. Two complete copies of the source test reports shall be submitted to the District within 45 days after the source testing date unless otherwise approved in writing by the District. The source test report shall include, but may not be limited to, all testing data required by this condition.

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

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

conduct the test. The operator shall submit results of all preliminary tests that are conducted on this equipment within 45 days after testing date unless otherwise approved in writing by the District.

The test shall be conducted once sampling facilities comply with the District guidelines for construction of sampling and testing facilities, pursuant to Rule 217.

**[RULE 1162, 11-17-2000; RULE 1162, 7-8-2005; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : C16]

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

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

[Devices subject to this condition : D2, D3, D4, D5]

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

E71.1 The operator shall only operate this equipment using the permanent total enclosure (PTE) which is maintained in compliance with all criteria specified in EPA method 204.

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

[Devices subject to this condition : D2, D3, D4, D5, D6]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick.

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

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

[Devices subject to this condition : D2, D3, D4, D5]

E193.5 The operator shall operate and maintain this equipment according to the following requirements:

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

The combustion chamber temperature shall be maintained at a minimum of 1,400 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to all applicable requirements in Section 63.5855 and 63.5895 of 40 CFR 63 Subpart WWWW. 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

For the purpose of this condition, a deviation shall be defined as when a combustion chamber temperature of less than 1,400 degrees Fahrenheit occurs during the normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the combustion chamber temperature at or above 1,400 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective action taken.

All deviations shall be reported to the SCAQMD on a semi-annual basis pursuant to the requirements specified in Section 63.5910 of 40 CFR 63 Subpart WWWW and Condition Nos. 22 and 23 in Section K of this permit.

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all application requirements specified in this condition and 40 CFR 63 Subpart WWWW for a minimum of five years.

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

## FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC

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

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

[Devices subject to this condition : C16]

#### H. Applicable Rules

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

| Contaminant | Rule          | Rule/Subpart |
|-------------|---------------|--------------|
| VOC         | District Rule | 109          |
| PM          | District Rule | 481          |

[RULE 109, 5-2-2003; RULE 481, 1-11-2002]

[Devices subject to this condition : D2, D3, D4, D5]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule          | Rule/Subpart |
|-------------|---------------|--------------|
| NOX         | District Rule | 1147         |

[RULE 1147, 9-9-2011]

[Devices subject to this condition : D6, C16]

#### K. Record Keeping/Reporting

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

## **FACILITY PERMIT TO OPERATE BRISTOL FIBERLITE INDUSTRIES, INC**

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

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

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

the date, time and results of the inspection

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

weekly records of pressure drop across the filter media

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

[Devices subject to this condition : D2, D3, D4, D5]

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

In addition to record keeping requirements in Rule 109, the operator shall maintain daily Volatile Organic Compound (VOC) emissions records in pounds and VOC emission factor or VOC content of each material as applied (including water and exempt compounds). VOC emissions shall be calculated using 95% overall control efficiency of the RTO. Material safety data sheets for the materials used at this facility shall be kept current.

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

[Devices subject to this condition : D2, D3, D4, D5, C16]