

**ATTACHMENT 'B'**

**TITLE V FEDERAL OPERATING PERMIT APPLICATIONS**

- **TITLE V PERMIT RENEWAL**
- **TITLE V PERMIT MODIFICATION**

**GRAFIL INC.**

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT  
TITLE V APPLICATION FORMS

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT  
777 12TH STREET, 3RD FLOOR, SACRAMENTO, CALIFORNIA 95814-1908  
PHONE: (916) 874-4800 FAX: (916) 874-4899

**TITLE V APPLICATION FORMS**

**STATIONARY SOURCE SUMMARY**

**I. FACILITY IDENTIFICATION**

1. Facility Name: Grafil, Inc.
2. Four digit SIC Code: 2824(NAICS 32522) EPA Plant ID: CAD 981657737
3. Parent Company (if different than Facility Name): \_\_\_\_\_
4. Mailing Address: 5900 88<sup>th</sup> Street, Sacramento, CA 95828
5. Street Address or Source Location: Same as above
6. Source located within 50 miles of the state line?:  Yes  No
7. Source located within 1000 feet of a school?:  Yes  No
8. Type of Organization:  Corporation  Sole Ownership  Government  
 Partnership  Utility Company
9. Legal Owner's Name: Grafil, Inc.
10. Owner's Agent Name (if any): \_\_\_\_\_
11. Responsible Official: Masayoshi Ozeki Telephone No.: (916) 379-2168  
Title: President
12. Plant Site Manager/Contact: Gordon Shearer Telephone No.: (916) 386-1733  
Title: Operations Director
13. Type of facility: Carbon fiber manufacturing
14. General description of processes/products: Each carbon fiber production line consists of the following processes: (1) surface oxidation in six electrically heated oxidation ovens; (2) thermal oxidization of reactive organic compounds (ROC) and air toxics released from the oxidation ovens in a 9.18 MMBtu/hr natural gas-fired thermal oxidizer; (3) tar removal in an electrically heated low-temperature furnace; (4) carbonization in an electrically heated high-temperature furnace; (5) thermal oxidization of ROC and air toxics released from the furnaces in a 2.4 MMBtu/hr natural gas-fired thermal oxidizer; (6) baghouse filtration of PM10 released from the furnaces and thermal oxidizer; and (7) surface treatment with a solution that promotes good adhesion.
15. Is a Federal Risk Management Plan [pursuant to Section 112(r)] required?  Yes  No  
(If yes, attach verification that the Risk Management Plan is registered with appropriate agency.)

(CONTINUED)



# TOTAL STATIONARY SOURCE EMISSIONS

## I. FACILITY IDENTIFICATION

1. Facility Name: Grafil, Inc.
2. Street Address or Source Location: 5900 88<sup>th</sup> Street, Sacramento, CA 95828

## II. TOTAL STATIONARY SOURCE EMISSIONS

POLLUTANT (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE (tons per year)
CO	97.1	N/A	N/A
NOx	26.8	N/A	N/A
PM <sub>10</sub>	14.1	N/A	N/A
ROC	14.7	N/A	N/A
SOx	26.26	N/A	N/A

Under penalty of perjury, I certify that based on information and belief formed after reasonable inquiry, the answers, statements and information contained in this application (and supplemental attachments thereto) are true, accurate and complete. This application consists of the application forms provided by the Sacramento Metropolitan Air Quality Management District, information required pursuant to the List and Criteria and any supplemental information and/or attachments submitted with the application. I also certify that I am the Responsible Official as defined in SMAQMD Rule 207.



11-10-2011

Signature of Responsible Official

Date

Masayoshi Ozeki

Print Name of Responsible Official

President

Title of Responsible Official and Company Name

TITLE V APPLICATION FORMS

# EXEMPT EQUIPMENT

**I. FACILITY IDENTIFICATION**

1. Facility Name: Grafil, Inc.
2. Street Address or Source Location: 5900 88<sup>th</sup> Street, Sacramento, CA 95828

**II. EXEMPT EQUIPMENT**

**Instructions:** In the spaces provided below, list all equipment that is exempt from the Federal Operating Permit Program pursuant to Rule 201, Sections 110 through 122.

EXEMPT EQUIPMENT	BASIS FOR EXEMPTION
Cold Cleaner	District Rule 201 Sections 117.4 and 118.3
Two Laboratory Rooms	District Rule 201 Section 120
Refrigeration Units	District Rule 201 Section 115
Vacuum System	District Rule 201 Section 115
Epoxy Resin Mixers	District Rule 201 Section 122
Water-Based Nylon Coating Fiber Processing Line	District Rule 201 Section 122
Surface Treatment of the Fibers with an Aqueous Ammonium Salt Solution	EPA White Paper, 7/10/95 (trivial)
Nitrogen Tank	EPA White Paper, 7/10/95 (trivial)
Reverse Osmosis System	EPA White Paper, 7/10/95 (trivial)

**TITLE V APPLICATION FORMS  
CERTIFICATION REPORT**

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**I. FACILITY INFORMATION**

1. Company Name: Grafil, Inc.
2. Facility Name (if different than Company Name): \_\_\_\_\_
3. Mailing Address: 5900 88<sup>th</sup> Street, Sacramento, CA 95828
4. Street Address or Source Location: \_\_\_\_\_
5. Type of Organization:         Corporation     Sole Ownership  
    Government     Partnership  
    Utility Company
6. Facility Permit Number: TV2006-01-02

**II. GENERAL INFORMATION**

1. Reporting period (specify dates): January 1, 2011 – present
2. Due date for submittal of report: October 22, 2011
3. Type of submittal:             **Monitoring Report** (complete Section III )  
    **Compliance Certification** (complete Section IV)

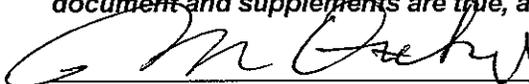
**III. MONITORING REPORT INFORMATION**

1. Were deviations from monitoring requirements encountered during the reporting period?  
     No       Yes (If Yes, complete the **DEVIATION REPORT** form)

**IV. COMPLIANCE CERTIFICATION**

1. Was source in compliance during the reporting period specified in Section II of this Form and is source currently in compliance with all applicable federal requirements and permit conditions.  
  
 Yes       No (If No, see Rule 207, Section 413.2)

*I certify based on information and belief formed after reasonable inquiry, the statements and information in this document and supplements are true, accurate, and complete.*



11-10-2011

Signature of Responsible Official

Date

Masayoshi Ozeki

Print Name of Responsible Official

President

Title of Responsible Official and Company Name

Telephone Number of Responsible Official: (916) 379 - 2168

# DEVIATION REPORT

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## I. FACILITY IDENTIFICATION

1. Facility Name: Grafil Inc.
2. Street Address or Source Location: 5900 88<sup>th</sup> Street Sacramento, CA, 95828

## II. DEVIATION INFORMATION

1. Permit number(s) of emission unit or control unit affected: 21607 & 21608
2. Description of deviation: A wire in the connector for the continuous stack monitoring for HCN failed causing loss of signal to the chart recorder.
3. Description and identification of permit condition(s) deviated: Condition 9 and 17 of the permits require the HCN to be continuously recorded.
4. Associated equipment and equipment operation (if any): None
5. Date and time when deviation was discovered: 7:50am 5/6/2011
6. Date, time and duration of deviation: 5/6/2011 for 3 hours 10 mins.
7. Probable cause of deviation: Broken wire in a connector.
8. Preventive or corrective action taken: Repaired wire.

## APPLICATION TO MODIFY TITLE V PERMIT

### I. FACILITY IDENTIFICATION

1. Facility Name: Grafil, Inc.

2. Parent Company: Same  
(if different from Facility name)

3. Mailing Address: 5900 88<sup>th</sup> Street  
Sacramento, CA 95828

4. Facility Location: 5900 88<sup>th</sup> Street, Sacramento, CA 95828

5. Type of Organization:

Corporation     Sole Ownership     Government     Partnership     Utility Company

6. Responsible Official: Mr. Masayoshi Ozeki Phone No.: (916) 386-1733

Title: President

7. Plant Site Contact: Eric Argent Phone No.: (916) 379-2111

Title: Quality Assurance Manager

### II. TYPE OF PERMIT ACTION

	Current Permit Number	Permit Expiration Date
<input type="checkbox"/> Significant Permit Modification		
<input checked="" type="checkbox"/> Minor Permit Modification	TV2006-01-02B	October 22, 2012
<input type="checkbox"/> Administrative Amendment		

