

Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

April 21, 2005

Mr. Richard A. Lauckner  
Praxair Surface Technologies, Inc  
10301 North Commerce Parkway  
Miramar, Florida 33025

Re: Facility No.: 0112482-002

Dear Mr. Lauckner:

The Department has received the Title V General Permit Notification Form for the chromium electroplating and anodizing facility that you submitted on March 17, 2005.

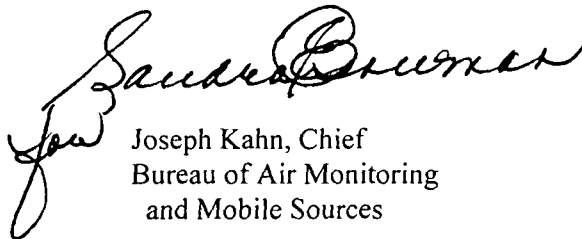
Please note that in January of each year the Department will be mailing fee notices to those facilities using the Title V general permit. This annual operation fee is \$50 and it is due and payable between January 15 and March 1 of each year the facility is in operation and is subject to the requirements of the Title V general permit.

If you have or expect to have any changes in your mailing address, location address, responsible official, or phone number, please notify the Department at the following address:

Title V General Permits Office  
Bureau of Air Monitoring and Mobile Sources MS 5510  
Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

If there are any changes in the facility status, including change of operating parameters or equipment, or if you have any additional questions regarding the Title V General Permit Program, please contact the district or local air program compliance inspector in your area.

Sincerely,



Joseph Kahn, Chief  
Bureau of Air Monitoring  
and Mobile Sources

JK/jw

cc: Mr. Cliff Bittle, Broward County

"More Protection, Less Process"

Printed on recycled paper.

EMISSION FEE DATES *2000-2004*  
NO ACTIVITY FOR FACILITY.....  
SOC REPORTS *0*.....  
COMPLIANCE STATUS *IN*.....  
*INS2-compliance walkthrough-IN*

CHROMIUM ELECTROPLATING AND ANODIZING  
AIR GENERAL PERMIT NOTIFICATION FORM

RECEIVED  
MAR 17 2005

**Part III. Notification of Intent to Use General permit**

Prior to filling out this form, please read the instructions provided at the end of the form. Send completed form to the address listed in the instructions and keep a copy of the form for your files.

**Facility Name and Location**

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):  <b>Praxair Surface Technologies, Inc.</b>
2. Site Name (For example, plant name or number):  <b>Aircraft Jet Engine Component Repair Facility</b>
3. Hazardous Waste Generator Identification Number:  <b>FLR 000064295</b>
4. Facility Location: Street Address: <b>10301 North Commerce Parkway</b> City: <b>Miramar</b> County: <b>Broward</b> Zip Code: <b>33025</b>
5. Facility Identification Number (DEP Use ONLY - do not fill in):  <b>0112482-002</b>

**Responsible Official**

6. Name and Title of Responsible Official: Name: <b>Richard A. Lauckner</b> Title: <b>Plant Manager</b>
7. Responsible Official Mailing Address: Organization/Firm: <b>Praxair Surface Technologies, Inc.</b> Street Address: <b>10301 North Commerce Parkway</b> City: <b>Miramar</b> County: <b>Broward</b> Zip Code: <b>33025</b>
8. Responsible Official Telephone Number: Telephone: <b>(954) 624-3168</b> Fax: <b>(954) 624 - 3164</b>

**Facility Contact (If different from Responsible Official)**

9. Name and Title of Facility Contact (For example, plant manager):  <b>Ivelisse Gaud , Chemist / S&amp;ES Compliance</b>
10. Facility Contact Address: Street Address: <b>10301 North Commerce Parkway</b> City: <b>Miramar</b> County: <b>Broward</b> Zip Code: <b>33025</b>
11. Facility Contact Telephone Number: Telephone: <b>(954) 624 - 3166</b> Fax: <b>(954) 624 - 3161</b>

**Facility Information**

1.a. Provide the information below for each hard electroplating machine at the facility. Indicate the type of machine, the date of its purchase, and the date the control device was installed, if applicable.

**HARD CHROMIUM PLATING TANKS**

DATE PURCHASED	UNIT CLASS (circle one)	DATE CNTRL DEVICE INSTALLED	CONTROL DEVICE (see key)	APPLICABLE STANDARD (see key)
T26 - Dec,1999	New	May, 2000	CMP	C *
T27 - Dec,1999	New	May, 2000	CMP	C *
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			

Key for Control Device Type

PBS = packed-bed scrubber  
 CMP = composite mesh pad  
 PBS/CMP = packed-bed scrubber and composite mesh pad  
 FS = fume suppressant only  
 FS/WA = fume suppressant with a wetting agent  
 FM = fiber-bed mist eliminator  
 WA = wetting agent

Applicable Standard Key

a = 0.03 mg/dscm  
 b = 0.015 mg/dscm  
 c = alternative standard for multiple tanks under common control

Is the facility's cumulative potential rectifier capacity greater than 60 million ampere-hours per year?

Yes                       No

1.b. Provide the information below for each decorative electroplating or anodizing machine at the facility. Indicate the type of machine, the date of its purchase, and the date the control device was installed, if applicable.

**DECORATIVE AND ANODIZING TANKS**

DATE PURCHASED	UNIT CLASS (circle one)	DATE CNTRL DEVICE INSTALLED	CONTROL DEVICE (see key)	APPLICABLE STANDARD (see key)
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			
	New/Existing			

Key for Control Device Type

PBS = packed-bed scrubber  
CMP = composite mesh pad  
PBS/CMP = packed-bed scrubber and composite mesh pad  
FS = fume suppressant only  
FS/WA = fume suppressant with a wetting agent  
FM = fiber-bed mist eliminator  
WA = wetting agent

Applicable Standard Key

x = 0.01 mg/dscm  
y = 45 dynes/cm  
z = records of bath components  
(trivalent Cr tanks only)  
c = alternative standard for multiple tanks  
under common control

2. Indicate the date by which the facility must meet the requirements of paragraph (5) of Part II:

(Note: if your facility contains both hard and decorative plating or anodizing units, you must check each applicable date)

January 25, 1996       January 25, 1997       Upon Startup July 2001

3. Indicate how the facility will fulfill the compliance demonstration:

- The facility will conduct an initial performance test  
 The facility will use a wetting agent to reduce emissions and will meet the existing surface tension limit in No. 1 above.

4. Equipment Monitoring and Recordkeeping Information

Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:

- |  |                                     |  |                                     |
|--|-------------------------------------|--|-------------------------------------|
| (a) Equipment maintenance  | <input checked="" type="checkbox"/> | (b) Equipment inspection and repair      | <input checked="" type="checkbox"/> |
| (c) Equipment malfunctions   | <input checked="" type="checkbox"/> | (d) Operation and maintenance checklist  | <input checked="" type="checkbox"/> |
| (e) Instrument calibration<br>(used during initial performance test) | <input checked="" type="checkbox"/> | (f) Start-up, shutdown, malfunction plan | <input checked="" type="checkbox"/> |
| (g) Performance test results   | <input checked="" type="checkbox"/> | (h) Equipment monitoring                 | <input checked="" type="checkbox"/> |
| (i) Excess emissions   | <input checked="" type="checkbox"/> | (j) Operating periods                    | <input type="checkbox"/>            |
| (k) Rectifier capacity   | <input checked="" type="checkbox"/> | (l) Fume suppressant records             | <input type="checkbox"/>            |
| (m) Purchase records of wetting agent components                     | <input type="checkbox"/>            |  |                                     |

5. Surrender of Existing DEP Air Permit(s)

Please indicate with an "X" the appropriate selection: **N/A**

I hereby surrender all existing DEP air permits authorizing operation of the facility indicated in this notification form; the permit number(s) are:

No DEP air permits currently exist for the operation of the facility indicated in this notification form.

**Responsible Official Certification**

*I, the undersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described above so as to comply with all terms and conditions of this general permit as set forth in Part II of this notification form.*

*I will promptly notify the Department of any changes to the information contained in this notification.*

**Richard A. Lauckner**

Print name of responsible official



Signature

**14 MARCH 2005**

Date



Praxair Surface Technologies, Inc.  
10301 North Commerce Parkway  
Miramar, FL 33025

March 14, 2005

Title V Air General Permits  
Post Office Box 3070  
Tallahassee, Florida 32315-3070  
Attn: Mr. Bruce Thomas

Reference: FDEP Air Pollution State General Permit Number 0112482-001-AG Renewal

Dear Mr. Thomas:

Please find enclosed completed Part III of DEP Form No. 62-213.900(5) along with a check in the amount of \$100.00 for the five-year FDEP permit fee. If you have any questions or would like to discuss this with us, I can be reached at 954-624-3168.

Sincerely,

PRAXAIR SURFACE TECHNOLOGIES, INC.

A handwritten signature in black ink that reads "Richard A. Lauckner".

Richard A. Lauckner  
Plant Manager, Miramar

cc: file

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**THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING**

Please include your AIRS ID# on your check or money order. This number is located on the mailing label.

**TOTAL AMOUNT DUE: \$50.00**

Do NOT Remove Label

112482            7  
PRAXAIR -AIRCRAFT JET ENG  
COMPONENT REPR  
10313 N Commerce Pkwy  
MIRAMAR, FL        33023

RECEIVED  
FEB 0 2006  
Bureau of  
FLAIR ACCT. CODE 372020350013755010000  
BENEFITTING OBJECT CODE 002000  
BENEFITTING CATEGORY 000200

**FOR GOVERNMENT USE ONLY**  
ORG.: 37550101000 EO: A1  
FUND: 20-2-035001  
OBJECT: 002273

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