

AIR DERC\_102041282-410436\_  
USE\_20160108\_Use\_D3153

**01/08/2016 ----- EBTP IMS- PROJECT RECORD -----**

PROJECT#: 410436 STATUS: P  
RECEIVED: 12/21/2015 PROJTYPE: BUSE

DISP CODE: C ✓  
ISSUED DT:  
SUP-DISP DATE: 1/8/2016

**STAFF ASSIGNED TO PROJECT:**  
MERCADO, PE, MARIE

**PROJECT NOTES:**

ASSOCIATED INTENT PROJECT 409552. USE PERIOD 04/01/2015-09/30/2015.

**PROJECT TRANSACTIONS****COMPANY DATA**

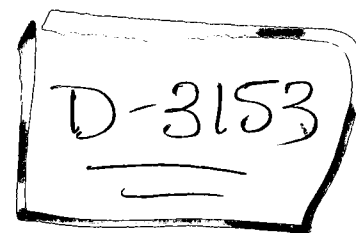
COMPANY NAME: AIR PRODUCTS LLC  
CUSTOMER REGISTRY ID: CN602299257

**PORTFOLIO DATA**

NUMBER: P0026 NAME: AIR PRODUCTS LA PORTE PLANT - RN102041282

**SITE DATA**

ACCOUNT: HG0010N  
REG ENTITY ID: RN102041282  
SITE NAME: AIR PRODUCTS LA PORTE PLANT  
COUNTY: HARRIS  
LOCATION: 10202 STRANG RD, LA PORTE, TX



NEAREST CITY: LA PORTE

**CONTACT DATA**

NAME: ANDREW GUTACKER TITLE: LA PORTE AND BAYTOWN SITE MANAGER  
STREET: 10202 STRANG ROAD CITY/STATE, ZIP: LA PORTE, TX , 77571-0  
PHONE: 281-478-3078 ext 0  
Email: gutackad@airproducts.com

**TRANSACTION DATA**

TRANSACTION TYPE: DERC\_RET  
DATE ENTERED: 2016-01-07 00:00:00.0  
CONTAMINATE: NOX  
ALLOWANCE0

DELETED DATE: EFFECTIVE YEAR:  
TONS: 22.50 DOLLARS: 0  
CERTIFICATE NO.: D3065 COUNTY : HARRIS

**TRANSACTION DATA**

TRANSACTION TYPE: DERC\_USE  
DATE ENTERED: 2016-01-07 00:00:00.0  
CONTAMINATE: NOX  
ALLOWANCE0

DELETED DATE: EFFECTIVE YEAR:  
TONS: 0 DOLLARS: 0  
CERTIFICATE NO.: 0 COUNTY : HARRIS

**COMPANY DATA**

COMPANY NAME: AIR PRODUCTS LLC  
CUSTOMER REGISTRY ID: CN602299257

**PORTFOLIO DATA**

NUMBER: P0026 NAME: AIR PRODUCTS LA PORTE PLANT - RN102041282

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COUNTY: HARRIS

NEAREST CITY: LA PORTE

LOCATION: 10202 STRANG RD, LA PORTE, TX

**CONTACT DATA**

NAME: ANDREW GUTACKER

TITLE: LA PORTE AND BAYTOWN SITE MANAGER

STREET: 10202 STRANG ROAD CITY/STATE, ZIP: LA PORTE, TX , 77571-0

PHONE: 281-478-3078 ext 0

Email: gutackad@airproducts.com

**TRANSACTION DATA**

TRANSACTION TYPE: DERC\_RET

DATE ENTERED: 2016-01-07 00:00:00.0

CONTAMINATE: NOX

ALLOWANCE0

DELETED DATE:

EFFECTIVE YEAR:

TONS: 0.20

DOLLARS: 0

CERTIFICATE NO.: D3153 COUNTY : HARRIS**TRANSACTION DATA**

TRANSACTION TYPE: DERC\_USE

DATE ENTERED: 2016-01-07 00:00:00.0

CONTAMINATE: NOX

ALLOWANCE0

DELETED DATE:

EFFECTIVE YEAR:

TONS: 0

DOLLARS: 0

CERTIFICATE NO.: 0 COUNTY : HARRIS

**TRACKING ACTIVITES**

PROJECT SUBMITTED : 12/17/2015 PM RECEIVED DATE : 12/28/2015 PROJECT COMPLETED : 1/15/16


## DISCRETE EMISSION CREDITS USE TECHNICAL REVIEW

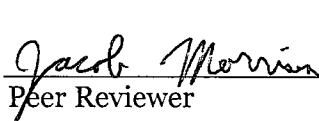
Project No.:	410436	Customer Reference No.:	CN602299257
Project Type:	BUSE	Regulated Entity No.:	RN102041282
Company:	Air Products, LLC	Facility Name:	Air Products La Porte Plant
City:	La Porte	County:	Harris
Project Reviewer:	Ms. Marie Mercado, P.E.	Portfolio:	P0026

### Project Overview

Air Products, LLC (Air Products), submitted a Notice of Use of Discrete Emission Credits application received December 21, 2015, for the purpose of complying with the 30-day rolling average nitrogen oxides (NO<sub>x</sub>) system cap under 30 Texas Administrative Code (TAC) §117.320 at the Air Products La Porte Plant. The corresponding intent to use project number is 409552. Air Products reported that no NO<sub>x</sub> Discrete Emission Reduction Credits (DERC) were needed for compliance with §117.320 during the period of April 1, 2015 through September 30, 2015.

Intent to use project number 409552 set aside 22.5 tons of NO<sub>x</sub> DERCs from DERC certificate D-3065 and 0.2 ton from DERC certificate D-3153. DERC certificates D-3065 and D-3153 will be deposited in the Texas Commission on Environmental Quality (TCEQ) Discrete Emission Credit Registry for Air Products, LLC's future use.

 1/15/16  
Project Manager Date

 1/19/2016  
Peer Reviewer Date



I. COMPANY IDENTIFYING INFORMATION			Air Quality Division	
A. Company Name: Air Products LLC				
Mailing Address: 10202 Strang Road				
City: La Porte		State: TX		Zip Code: 77571
Telephone: 281-478-5901			Fax:	
B. TCEQ Customer Number (CN): CN602299257				
C. Site Name: Air Products La Porte Facility Plant				
Street Address (If no street address, give driving directions to site) 10202 Strang Rd.				
Nearest City: La Porte		Zip Code: 77571		County: Harris
D. TCEQ Regulated Entity Number (RN): RN102041282 P0026				
E. TCEQ Air Account Number: (if applicable) HG-0010-N				
F. Primary SIC: 2813			Air Permit Number: 21878	
II. TECHNICAL CONTACT IDENTIFYING INFORMATION				
A. Technical Contact Name: ( <input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr. ) : Tammy Grover				
Technical Contact Title: Lead Environmental Engineer				
Mailing Address: 10202 Strang Rd				
City: La Porte		State: TX		Zip Code: 77571
Telephone: 281-478-3172		Fax:		E-mail: grovertb@airproducts.com
III. COMPANY CONTACT IDENTIFYING INFORMATION				
A. Company Contact Name: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr. ) : Andrew Gutacker				
Company Contact Title: La Porte and Baytown Site Manager				
Mailing Address: 10202 Strang Rd.				
City: La Porte		State: TX		Zip Code: 77571
Telephone: 281-478-3078		Fax: 281-478-3042		E-mail: gutackad@airproducts.com
IV. Mass Emission Cap and Trade Program (MECT)				
Is the DERC use for compliance with 30 TAC Chapter 101, Subchapter H, Division 3? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Year DERC Generated: _____ Year of use: _____ Ratio of DERC to Allowance: _____ to _____				
Note: If DERC use is to comply with MECT then go to Section X				
V. Use Period				
Use Start Date: 04 / 01 / 2015			Use End Date: 09 / 30 / 2015	



**Form DEC-3 (Page 2)**  
**Notice of Use of Discrete Emission Credits**  
**(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

**VI. State and Federal Requirements**

Applicable State and Federal requirements that the DERCs will be used for compliance:  
30 TAC §117.310(a)(10)(A)

**VII. Most Stringent Emission Rate**

Describe basis for most stringent allowable emission rate:

☐ Permit : \_\_\_\_\_ ☒ RACT : 0.032 lb/MMBtu ☐ Other: \_\_\_\_\_

Notes:

**VIII. PROTOCOL**

Protocol used to calculate DERC:

*Note: Attach the actual calculations that were used to determine the amounts of DERCs needed to this form*

Continue to Section VII (next page)



**Form DEC-3 (Page 3)**  
**Notice of Use of Discrete Emission Credits**  
 (Title 30 Texas Administrative Code § 101.370 - § 101.379)

IX. Tons of DERCs Used										
Emission Point No.	FIN	Air Contaminant	Calculation of DERCs							
			Actual Emissions Rate (units)	Actual Emissions Rate (units)	Actual Total Emissions (tons)	Regulated Activity (units)	Regulated Emissions Rate (units)	Regulated Total Emissions (tons)	DERCs Used (tons)	
			See Attachment for calculations							
								<b>Total:</b>		



**Form DEC-3 (Page 4)**  
**Notice of Use of Discrete Emission Credits**  
**(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

**X. TOTAL DERCS REQUIRED FOR USE (round up to the nearest tenth of a ton)**

Tons of DERCS required (from Sect. VI.)	CO: _____	NO <sub>x</sub> : <u>0.0</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Offset Ratio (if required)	CO: _____	NO <sub>x</sub> : <u>0.0</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Environmental Contribution (+ 10%)	CO: _____	NO <sub>x</sub> : <u>0.0</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
<b>Total DERCS Used</b>	<b>CO: _____</b>	<b>NO<sub>x</sub>: <u>0.0</u></b>	<b>PM<sub>10</sub>: _____</b>	<b>SO<sub>2</sub>: _____</b>	<b>VOC: _____</b>

**XI. DERC INFORMATION**

Name of the DERC Generator: Dow Texas Operations Freeport

DERC Generator Regulated Entity Number: RN100225945

Certificate number of the DERCS acquired or to be acquired: D-2951, D-3065

*Note: The certificate number is assigned by the TCEQ*

**XII. CERTIFICATION BY RESPONSIBLE OFFICIAL**

I, Andrew Gutacker, hereby certify, to the best of my knowledge and belief, that this application is correct and the use strategy claimed on this notice has met the requirements of all applicable state and federal rules and regulations. I further state that to the best of my knowledge and belief the information in this certification is not in any way in violation of 30 TAC, Subchapter H, Division 4, §101.370-101.379 or any applicable air quality rule or regulation of the Texas Commission on Environmental Quality and that intentionally or knowingly making or causing to be made false material statements or representations in this certification is a CRIMINAL OFFENSE subject to criminal penalties. I hereby also waive the Federal statute of limitations defense in regards to the generation and use of discrete emission credits.

Signature: \_\_\_\_\_ Date: 12/17/2015

Title La Porte and Baytown Site Manager

Air Products, LLC  
 La Porte Facility  
 10202 Strang Road  
 LaPorte, TX 77571

Attachment  
 Form DEC-3  
 Notice of Use Discrete Emission Credits  
 (Title 30 Texas Administrative Code 101.370 - 101.379)

Calculation of Discrete Emission Reduction Credits (DERCs)

Use Period Start: 4/1/2015

Use Period End: 9/30/2015

Date	MWhs Generation (MWhs)	Heat Input (MMBtu)	NO <sub>x</sub> Emissions (lbs/day)	Expected Emission Rate (lb/MMBtu)	Regulatory Limit System Cap per 117.320 (Lbs NO <sub>x</sub> /day)	Difference (lbs NO <sub>x</sub> )	DERCs (tons)	Environmental Contribution - 10% (tons)	Compliance Margin - 5% (tons)	Total DERCs Required (tons)
There were no days this control period that exceeded the 30-day rolling average cap.										

Total for Use Period:	0.0	0.0	0.0	0.0
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Heat Rate: 12,220 Btu/kwh

Calculation based upon the DERC calculation in 101.376(e)(2)

Dates only include days where emissions exceeded 30 day rolling average (218.9 lbs NO<sub>x</sub>/day)

MWhs Generation is total for all 4 emission units

Established system cap of 218.9 lbs Nox/day established per 117.320





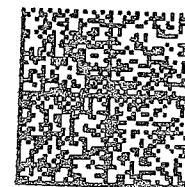
Air Products LLC  
10202 Strang Road, La Porte, TX 77571-9721 USA

**CERTIFIED MAIL**

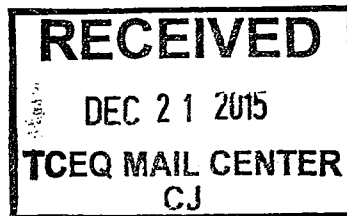


7013 2630 0000 8565 3186

775  
DEC 15  
P.M.

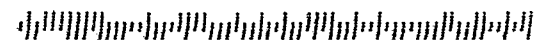


**US POSTAGE**  
**\$ 06.96**  
**FIRST CLASS**  
Mailed From 77571  
12/17/2015  
031A 0004192253



Texas Commission on Environmental Quality  
Emission Banking and Trading Program MC 206  
PO BOX 13087  
AUSTIN, TX 78711-3087

78711308787



Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Jon Niermann, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

January 15, 2016

Mr. Andrew Gutacker  
La Porte and Baytown Site Manager  
Air Products, LLC  
10202 Strang Road  
Pasadena, Texas 77571

Re: Notice of Use of Discrete Emission Reduction Credits  
Air Products La Porte Plant  
La Porte, Harris County  
Regulated Entity Reference Number: RN102041282  
Customer Reference Number: CN602299257  
Portfolio Number: P0026

Dear Mr. Gutacker:

This letter is in response to Air Products, LLC's Notice of Use of Discrete Emission Credits application, received December 21, 2015, regarding the use of nitrogen oxides (NO<sub>x</sub>) Discrete Emission Reduction Credits (DERCs) for the purpose of compliance with 30 Texas Administrative Code (TAC) §117.320(c)(1)(D) for the period of April 1, 2015 through September 30, 2015.

A review of the application shows that the 30-day rolling average NO<sub>x</sub> system cap under §117.320(c)(1)(D) was not exceeded during the use period. Accordingly, the 22.5 tons of NO<sub>x</sub> DERCs from certificate D-3065 and the 0.2 ton of NO<sub>x</sub> DERCs from certificate D-3153 have been deposited into the Texas Commission on Environmental Quality (TCEQ) Discrete Emission Credit Registry and may be transferred or sold to another owner for use per the requirements of §§101.370 through 101.379.

Thank you for your cooperation in this matter. If you have questions concerning this review or need further assistance regarding the banking program, please contact Ms. Marie Mercado, P.E., at (512) 239-2054 or write to the Texas Commission on Environmental Quality, Office of Air, Air Quality Division (MC-206), PO Box 13087, Austin, Texas 78711-3087.

Mr. Andrew Gutacker  
Page 2  
January 15, 2016

This action is taken under authority delegated by the executive director of the TCEQ.

Sincerely,

A handwritten signature in black ink that reads "David Brymer". The signature is fluid and cursive, with the first name "David" being more prominent than the last name "Brymer".

David Brymer, Director  
Air Quality Division

DB/MM/jcm

cc: Air Section Manager, Region 12 – Houston  
Mr. Bob Allen, Director, Harris County Pollution Control Services Department, Pasadena

Project Number: 410436

# Banking and Trading Route Slip

DERC USE  
4/1/15 - 9/30/15

zero use

AIR QUALITY DIVISION Emissions Banking and Trading Program (EBTP)										
Company Name: Air Products, LLC Air Products La Porte Plant, RN10041202 70026										
Project Number: 410436										
Type of Letter Correspondence: DCTR ; DCUS										
Letter Document Number(s): 25779 ; 25778										
Certificate Number(s): D-3065 ; D-3153										
Review and Approval	Initial and Date	Comments/Special Instructions								
Deric Patton, Work Lead EBTP	NIA	—								
Author/Creator Review	MM 1/15/2016									
Peer Review Completed	JCM 1/11/2016									
Author/Creator	MM 1/8/16	<table border="1"> <tr> <th>Copies Made</th> <th>Date</th> </tr> <tr> <td>MM</td> <td>1/15/16</td> </tr> <tr> <th>Mailed</th> <th>Date</th> </tr> <tr> <td>MM</td> <td>1/15/16</td> </tr> </table>	Copies Made	Date	MM	1/15/16	Mailed	Date	MM	1/15/16
Copies Made	Date									
MM	1/15/16									
Mailed	Date									
MM	1/15/16									
Please return Routing Slip and Project Paperwork to Deric Patton, MC-206, Ext. 3159										

C  
1/15/16  
MM