

PROJECT#: 405060 STATUS: P
RECEIVED: 11/01/2010 PROJTYPE: BUSE

DISP CODE: C
ISSUED DT:
SUP-DISP DATE: 1/4/2011

STAFF ASSIGNED TO PROJECT:

THOMAS, JOE

AIR DERC_102041282-405060_
USE_20110104_Use_D2656

PROJECT NOTES:

GROUPWISE DOCUMENTS: DCUS - 16060; DCCT - 16061; DCTR - 16062

PROJECT TRANSACTIONS**COMPANY DATA**

COMPANY NAME: AIR PRODUCTS LLC
CUSTOMER REGISTRY ID: CN602299257

PORTFOLIO DATA

NUMBER: P0026 NAME: LA PORTE TEXAS FACILITY - RN102041282

SITE DATA

ACCOUNT:

HG0010N

REG ENTITY ID: RN102041282

SITE NAME: AIR PRODUCTS LA PORTE PLANT

COUNTY: HARRIS

NEAREST CITY: LA PORTE

LOCATION: 10202 STRANG RD, LA PORTE, TX

CONTACT DATA

NAME: PAUL MORRIS

TITLE: ENVIRONMENTAL ENGINEER

STREET: PO BOX 3326 CITY/STATE, ZIP: PASADENA, TX , 77501-0

FAX: 713-920-7445 ext 0

PHONE: 713-920-7296 ext 0

Email: morrispj@airproducts.com

TRANSACTION DATA

TRANSACTION TYPE: DERC_USE

DATE ENTERED: 2010-11-04 00:00:00.0

DELETED DATE:

EFFECTIVE YEAR:

CONTAMINATE: NOX

TONS: 0.30

DOLLARS: 0

ALLOWANCE0

CERTIFICATE NO.: D2723 COUNTY : HARRIS

TRANSACTION DATA

TRANSACTION TYPE: DERC_RET

DATE ENTERED: 2010-11-04 00:00:00.0

DELETED DATE:

EFFECTIVE YEAR:

CONTAMINATE: NOX

TONS: 28.60

DOLLARS: 0

ALLOWANCE

CERTIFICATE NO.: D2724 COUNTY : HARRIS

COMPANY DATA

COMPANY NAME: AIR PRODUCTS LLC
CUSTOMER REGISTRY ID: CN602299257

PORTFOLIO DATA

NUMBER: P0026 NAME: LA PORTE TEXAS FACILITY - RN102041282

SITE DATA

ACCOUNT:

HG0010N

REG ENTITY ID: RN102041282

SITE NAME: AIR PRODUCTS LA PORTE PLANT

COUNTY: HARRIS

NEAREST CITY: LA PORTE

LOCATION: 10202 STRANG RD, LA PORTE, TX

CONTACT DATA

NAME: PAUL MORRIS

TITLE: ENVIRONMENTAL ENGINEER

STREET: PO BOX 3326 CITY/STATE, ZIP: PASADENA, TX , 77501-0

FAX: 713-920-7445 ext 0

PHONE: 713-920-7296 ext 0

Email: morrispj@airproducts.com

TRANSACTION DATA

TRANSACTION TYPE: DERC_USE

DATE ENTERED: 2011-01-04 00:00:00.0

CONTAMINATE: NOX

ALLOWANCE0

DELETED DATE: EFFECTIVE YEAR:

TONS: 0 DOLLARS: 0

CERTIFICATE NO.: 0 COUNTY : HARRIS

TRANSACTION DATA

TRANSACTION TYPE: DERC_RET

DATE ENTERED: 2011-01-04 00:00:00.0

CONTAMINATE: NOX

ALLOWANCE

DELETED DATE: EFFECTIVE YEAR:

TONS: 49.30 DOLLARS: 0

CERTIFICATE NO.: D2656 COUNTY : HARRIS

TRACKING ACTIVITIESTR - ENGINEER RECEIVE
PROJECT :

11/05/2010

TR - SUP/MANGR
APP/RVW RQSTD :TR - PROJ TECH
COMPLETE :

FA - PROJECT ISSUED :

TR - DATE SUP/MNGR
REQ ADDL TR :

**USE OF DISCRETE EMISSION CREDITS
TECHNICAL REVIEW**

Project No.:	405060	Customer Reference No.:	CN602299257
Project Type:	BUSE	Regulated Entity No.:	RN102041282
Company:	Air Products, L.L.C.	Facility Name:	Air Products La Porte Plant
City:	La Porte	County:	Harris
Project Reviewer:	Mr. Joseph Thomas	Portfolio Name:	P0026 La Porte HG-0010-N

Project Overview

Air Products, L.L.C., submitted a Notice of Use of Discrete Emission Credits (Form DEC-3), received November 1, 2010, for the Air Products La Porte Plant, RN102041282. The corresponding intent to use project is 404215. The use period for both projects is 1/1/2010 through 7/31/2010 in the Information Management System (IMS). The Form DEC-3 was dated October 29, 2010, and is therefore not late.

Project 404215 set aside 28.9 tons of nitrogen oxides (NO_x) discrete emission reduction credits (DERCs) in Certificate D-2572. For Project 405060, the company reports that actual emissions exceeded regulated total emissions, per the system cap of 218.9 pounds of NO_x per day as described in 30 Texas Administrative Code (TAC) §117.320, five times during the use period on 5/20/2010, 5/21/2010, 6/1/2010, 7/15/2010, and 7/16/2010. The combined amount of excess NO_x emissions for the five days was 382.4 pounds (0.2 tons).

Discrete Emission Credit / Emission Reduction Credit Use

The excess NO_x emissions during the use period were 0.2 ton. Air Products, L.L.C., set aside for use 78.2 tons of NO_x DERCs in project 404215, but will only use 0.3 ton (including the 10% environmental contribution of 0.1 ton). New certificate D-2724 is being generated for 28.6 tons retained by Air Products, L.L.C, but needs to be end-dated because the DERCs were generated from as shutdown and have expired. Used DERCs from certificate D-2572 will be transferred to new certificate, D-2723.

Certificate(s) set aside	D-2572 (D-2723 use)
Pollutant	NO _x
Amount Used	0.3 ton
Regulation	30 TAC §117.320
Use period	January 1, 2010 – July 31, 2010

Credit Use Calculation Methods

Air Products, L.L.C. used 30 TAC 101.376(e)(2)(A) to calculate DERCS used:
 $(ALA) \times (AER - RER) = \text{discrete emission credits used}$

Where:

ALA = actual level of activity

AER = actual emission rate per unit activity

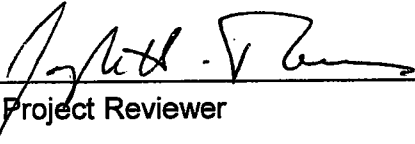

RER = regulatory emission rate per unit activity

Each day of excess emissions was calculated separately, and the results were added together for a total of 0.19 ton of NO_x. The total was rounded to 0.2 ton and the 10% Environmental Contribution of 0.1 ton was added for a total of 0.3 ton of NO_x DERCs used

Conclusion

Air Products, L.L.C., set aside 78.2 tons of NO_x DERCs in Project 404215 (28.9 tons in certificate D-2575 and 49.3 tons in certificate D-2656). The actual emissions of NO_x on May 20 and 21, June 1, and July 15 and 16, 2010, exceeded the regulated 30-day rolling average NO_x system cap for ozone and non-ozone seasons, requiring the company to use NO_x DERCs set aside in project 404215. A total of 0.3 ton will be used from certificate D-2572 (use certificate D-2723) and the remaining 28.6 tons expired on September 9, 2010.

The NO_x DERCs in certificates D-2572 and D-2724 were generated from shutdowns. These certificates must be end-dated. Certificate D-2724 will no longer be available for use. Certificate D-2656 (49.3 tons from project 404215) must also be end-dated. It was also generated from a shutdown and is not available for use anymore. No certificates will be returned to the company.

	1/4/2011		1/4/2011
Project Reviewer	Date	Team Leader/Section Manager/Backup	Date

Received

NOV 01 2010

11/4/10

Form DEC-3 (Page 1)
 Notice of Use of Discrete Emission Credits
 (Title 30 Texas Administrative Code § 101.370 - § 101.375)

405060

Air Quality Division

I. Company Identifying Information			
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: La Porte Facility			
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			
E. TCEQ 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 checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) Paul J. Morris			
Technical Contact Title: Senior Principal Environmental Engineer			
Mailing Address: PO Box 3326			
City: Pasadena	State: TX	Zip Code: 77501	
Telephone: 713-920-7296	Fax: 713-920-7445	E-mail: morrispj@airproducts.com	
III. 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 IX			
IV. Use Period			
Use Start Date: 01/01/2010		Use End Date: 07/31/2010	
V. State and Federal Requirements			
Applicable State and Federal requirements that the DERCs were used for compliance: 30 TAC §117.310(a)(10)(A)			
VI. Most Stringent Emission Rate			
Describe basis for most stringent allowable emission rate: <input type="checkbox"/> Permit _____ <input checked="" type="checkbox"/> RACT 0.032 lb/mmBtu <input type="checkbox"/> Other: _____			
Notes: 30 TAC §117.310(a)(10)(A)			

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

VII. Tons of Dercs Used										
Emission Point No.	FIN	Air Contam- inant	Calculation of DERCs							
			Actual Activity (units)	Actual Emission Rate (units)	Actual Total Emissions (tons)	Regulated Activity (units)	Regulated Emission Rate (units)	Regulated Total Emissions (tons)	DERCs Used (tons)	
			See Attachment for calculations							
Total:										

Air Quality Division

NOV 01 2010

Received

Received

NOV 01 2010

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

Air Quality

VIII. Protocol

Protocol used to calculate DERC:

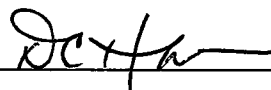
*Note: Attach the actual calculations that were used to determine the amounts of DERCs needed to this form***IX. Total DERCs Used (round up to the nearest tenth of a ton)**

Tons of DERCs required (from Sect. VI.)	CO: _____	NO _x : <u>0.2</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Offset Ratio (if required)	CO: _____	NO _x : <u> </u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Environmental Contribution (+ 10%)	CO: _____	NO _x : <u>0.1</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Total DERCs Used	CO: _____	NO_x: <u>0.3</u>	PM₁₀: _____	SO₂: _____	VOC: _____

X. DERC InformationName of the DERC Generator: National OffsetsDERC Generator Regulated Entity Number: P1149 Broker AccountCertificate number of the DERCs used: D2135*Note: The certificate number is assigned by the TCEQ***XI. Purchase Dates and Prices**Date on which the DERCs were acquired or registered: 10 / 29 / 2008Price of the DERCs: \$ 0.00 per ton (Required)**XII. CERTIFICATION BY RESPONSIBLE OFFICIAL**

I, David C. Hefe, 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. I hereby also waive the Federal statute of limitations defense in regards to the generation and use of discrete emission credits

Signature

Date 10-29-10Title West Gulf Coast Area Manager

Air Products, LLC
LaPorte 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: 1/1/2010

Use Period End: 7/31/2010

Date	MWhs Generation (MWhs)	Heat Input (MMBtu)	NO _x Emissions (lbs/day)	Expected Emission Rate (lb/MMBtu)	Regulatory Limit System Cap per 117.320 (lbs NO _x /day)	Difference (lbs NO _x)	DERCs (tons)	10% (tons)	5% (tons)	Total DERCs Required (tons)
5/20/2010	961	11,740	340.5	0.029	218.9	121.6	0.06			
5/21/2010	785	9,593	278.2	0.029	218.9	59.3	0.03			
6/1/2010	1,004	12,264	355.7	0.029	218.9	136.8	0.07			
7/15/2010	685	8,373	242.8	0.029	218.9	23.9	0.01			
7/16/2010	736	8,990	260.7	0.029	218.9	41.8	0.02			

Total for Use Period:	0.19	0.02	0.01	0.22
------------------------------	-------------	-------------	-------------	-------------

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 Nox/day)

MWhs Generation is total for all 4 emission units

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

Received
NOV 01 2010
Air Quality Division

INTENT PROJECT

12/22/2010 ----- EBTP IMS- PROJECT RECORD -----

PROJECT#: 404215 STATUS: P DISP CODE: _____
RECEIVED: 11/16/2009 PROJTYPE: BDIU ISSUED DT: _____
SUP-DISP DATE: _____

STAFF ASSIGNED TO PROJECT:
BANDA, DANIEL

PROJECT NOTES:

GROUPWISE DOCUMENTS: DCUA-15828 / DCTR-15829
INTENT: 1/1/2010-7/31/2010

PROJECT TRANSACTIONS**COMPANY DATA**

COMPANY NAME: AIR PRODUCTS LLC
CUSTOMER REGISTRY ID: CN602299257

PORTFOLIO DATA

NUMBER: P0026 NAME: LA PORTE TEXAS FACILITY - RN102041282

SITE DATA

ACCOUNT:
HG0010N

REG ENTITY ID: RN102041282

SITE NAME: AIR PRODUCTS LA PORTE PLANT

COUNTY: HARRIS

NEAREST CITY: LA PORTE

LOCATION: 10202 STRANG RD, LA PORTE, TX

CONTACT DATA

NAME: PAUL MORRIS TITLE: ENVIRONMENTAL ENGINEER

STREET: PO BOX 3326 CITY/STATE, ZIP: PASADENA, TX , 77501-0

PHONE: 713-920-7296 ext 0

FAX: 713-920-7445 ext 0

Email: morrispj@airproducts.com

TRANSACTION DATA

TRANSACTION TYPE: DERC_INTEN

DATE ENTERED: 2010-02-04 00:00:00.0

DELETED DATE:

EFFECTIVE YEAR:

CONTAMINATE: NOX

TONS: 49.30

DOLLARS: 0

ALLOWANCE0

CERTIFICATE NO.: D2656 COUNTY : HARRIS

COMPANY DATA

COMPANY NAME: AIR PRODUCTS LLC
CUSTOMER REGISTRY ID: CN602299257

PORTFOLIO DATA

NUMBER: P0026 NAME: LA PORTE TEXAS FACILITY - RN102041282

SITE DATA

ACCOUNT:

HG0010N

REG ENTITY ID: RN102041282

SITE NAME: AIR PRODUCTS LA PORTE PLANT

COUNTY: HARRIS

NEAREST CITY: LA PORTE

LOCATION: 10202 STRANG RD, LA PORTE, TX

CONTACT DATA**TRANSACTION DATA**

TRANSACTION TYPE: DERC_INTEN

DATE ENTERED: 2010-11-03 00:00:00.0

DELETED DATE:

EFFECTIVE YEAR:

CONTAMINATE: NOX

TONS: 28.90

DOLLARS: 0

ALLOWANCE0

CERTIFICATE NO.: D2572 COUNTY : HARRIS

TRANSACTION DATA

TRANSACTION TYPE: DERC_RET

DATE ENTERED: 2010-11-03 00:00:00.0

DELETED DATE:

EFFECTIVE YEAR:

CONTAMINATE: NOX

TONS: 11.10

DOLLARS: 0

ALLOWANCE0

CERTIFICATE NO.: D2658 COUNTY : HARRIS

TRACKING ACTIVITESTR - DEFICIENCY
CYCLE :

11/03/2010 12/20/2010

TR - ENGINEER
RECEIVE PROJECT :

11/03/2010

TR - SUP/MANGR
APP/RVW RQSTD :

12/20/2010

TR - PROJ TECH
COMPLETE :

12/20/2010 FA - PROJECT ISSUED :

TR - DATE SUP/MNGR
REQ ADDL TR :

Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 5, 2011

Mr. Paul J. Morris
Senior Principal Environmental Engineer
Air Products, L.L.C.
P.O. Box 3326
Pasadena, Texas 77501

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

Dear Mr. Morris:

This letter is in response to Air Product, L.L.C.'s Form DEC-3 (Notice of Use of Discrete Emission Credits) received on November 1, 2010, regarding the use of 0.3 ton (including the 10% environmental contribution of 0.1 ton) of nitrogen oxides (NO_x) Discrete Emission Reduction Credits (DERCs) for the purpose of compliance with Title 30 Texas Administrative Code (TAC) §117.320 for the period of January 1, 2010, through July 31, 2010.

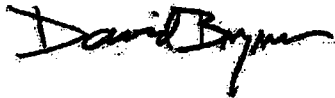
Upon review, we agree that the use of 0.3 ton of NO_x DERCs will meet the requirements of 30 TAC §117.320. The credits set aside in the corresponding intent project 404215 from DERC certificate D-2656 and the remaining credits from DERC certificate D-2572 expired on September 9, 2010, and are no longer available for use per 30 TAC §101.378(b)(1). No credits from the aforementioned certificates will be returned to Air Products, L.L.C.

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 Mr. Joseph Thomas at (512) 239-0012, or write to the Texas Commission on Environmental Quality, Chief Engineer's Office, Air Quality Division (MC-206), P.O. Box 13087, Austin, Texas 78711-3087.

Mr. Paul J. Morris
Page 2
January 5, 2011

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



David Brymer, Director
Air Quality Division
Texas Commission on Environmental Quality

DB/JT/db

cc: Air Section Manager, Region 12 – Houston
Mr. Michael Schaffer, Director, Environmental Public Health Division, Harris County Public
Health and Environmental Services, 107 N Munger St, Pasadena TX 77506-1322

Project Number: 405060

dsan 11-
46

Banking and Trading Route Slip

Company:

Air Products, LLC

Project
Number:

405060

Type of Letter
Correspondence:

DERC USE

Letter Doc No:

16060

Certificate No:

D-2724

RN#:

RN 102041282

	Initials:	Date
Author/Creator	JH	12/23/10
Peer Review Completed	DB	1/3/11
Author/Creator Review	JH	1/4/11
Review and Approval By:	Initials:	Date
WL Review: Brandon Greulich	BG	1/4
Management Review Chance Goodin	cg	1/4
Copies made	JH	1/5/11
Mailed	JH	1/5/11

Comments/Special Instructions:

End-date D2724 and D2656. Done JH

Please return **Routing Slip** and **Project Paperwork**
to Brandon Greulich, MC-206, Ext. 4904

closed only

Banking and Trading Route Slip

Company:

~~ABC~~ Air Products, Inc
- La Porte

Project
Number:

4104215

Type of Letter
Correspondence:

DLUA DCTR

Letter Doc No:

15828 15825

Certificate No:

~~N/A~~ N/A

	Initials:	Date
Author/Creator	DS	11/3
Peer Review Completed	So	11/4
Author/Creator Review	DS	12/20
Review and Approval By:	Initials:	Date
WL Review: Brandon Greulich	BSG	12/22
Management Review Chance Goodin	cg	12/23
Copies made	NB	12/29
Mailed		

Comments/Special Instructions:

rec'd 12/29

Brandon,
Please update the S. to name on Ives
to match CR. Done
-DS-

Please return **Routing Slip** and **Project Paperwork**
to Brandon Greulich, MC-206, Ext. 4904

D-2656