



Document Control Sheet

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Texas Commission on Environmental Quality
Clean Air Interstate Rule (CAIR)

Application for Nitrogen Oxides (NO_x) /
Form CNA-1 (Page 1)

AIR CAIR Company:

AIR PRODUCTS LLC

circle one: NUP or GP or SP or APL
20 1 1 - 0 5 - 0 4 APPLICATIONS

4 pages

Received

MAY 04 2011

Air Quality Division

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TCEQ CENTRAL FILE ROOM

I. Company Information

Company Name: Air Products LLC

Mailing Address: 10202 Strang Rd.

City: La Porte

State: TX

Zip Code: 77571

TCEQ Customer Reference Number (CN): CN 602299257

II. Site Information

Site Name: Exelon La Porte Generating Station

Street Address: 10202 Strang Rd.

Nearest City: La Porte

Zip Code: 77571

County: Harris

TCEQ Regulated Entity Reference Number (RN): RN 102041282

TCEQ Air Account Number (if applicable): HG-0010-N

CAIR Compliance Account Number: 055365FACLT

III. Technical Contact Information

(Mr. ☒ Ms. ☐ Dr. ☐) Contact Name: Paul J. Morris

Title: Senior Principal Environmental Engineer

Mailing Address: P.O. Box 3326

City: Pasadena

State: TX

Zip Code: 77501

Phone: 713-920-7296

Fax: 713-920-7445

E-Mail: morrispj@airproducts.com

IV. CAIR-Designated Representative or Alternate Contact Information

(Mr. ☒ Ms. ☐ Dr. ☐) Contact Name: David C. Hefe

Title: West Gulf Coast Region Manager

Mailing Address: P.O. Box 3326

City: Pasadena

State: TX

Zip Code: 77501

Phone: 713-920-7296

Fax: 281-478-3042

E-Mail: hefeledc@airproducts.com

Per TC, not a cogon site
should be 30 TAC 101.506 (b)(2)(A)



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V. Baseline Heat Input Information for Applicable CAIR NO_x Units

Federal Unit ID	Unit Applicability	Firing Type	Online Year	Year	Total Heat Energy (in MMBtu)	Gross Electrical Output (in MWh)
GT-1	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2001	2.5	0
GT-1	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2002	50,315	6,969
GT-1	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2003	84,311	6,389
GT-1	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2004	41,077	3,066
GT-1	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2005	243,237	18,832
GT-2	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2001	1268.6	65
GT-2	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2002	20,590	2,741
GT-2	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2003	84,792	6,429
GT-2	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2004	49,162	3,667
GT-2	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2005	320,678	24804
GT-3	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2001	8.1	0
GT-3	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2002	62,665	7,185
GT-3	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2003	77,320	5,865
GT-3	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2004	54,265	4,063
GT-3	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2005	255,145	19,733
GT-4	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2001	3.2	0
GT-4	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2002	37,333	4,496
GT-4	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2003	92,371	6,992
GT-4	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2004	51,516	3,855
GT-4	30 TAC § 101.506(b)(2)(C)	Natural Gas	2001	2005	288,873	22,350



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VI. Certification by Authorized CAIR-Designated Representative

Per 40 CFR §96.110(e), each submission under the CAIR NO_x Annual Trading Program shall be submitted, signed, and certified by the CAIR-designated representative for each CAIR NO_x source on behalf of which the submission is made. Please read and sign in ink the following certification statement.

"I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Signature

Date

Note: Original signature in ink is required.

Mail application to:

Emission Banking and Trading Program (MC-206)
Air Quality Division
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087
Austin, TX 78711-3087

From: "Morris,Paul J." <MORRISPJ@airproducts.com>
To: Francis Loko <Francis.Loko@tceq.texas.gov>
CC: Shantha Daniel <Shantha.Daniel@tceq.texas.gov>
Date: 8/16/2011 11:31 AM
Subject: RE: 2015 Clean Air Interstate Rule Allocation for Exelon La Porte Generating Station (RN102041282)

Mr. Loko,

I apologize for the slow response. I spoke with Shantha Daniel last week in your absence. It appears I provided the incorrect reference in Section V, Unit Applicability column of the CAN-1 form. Based on our conversation, I believe the correct reference is 30 TAC 101.506(b)(2)(A). The four power peaking turbines at our La Porte Facility are simple cycle, natural gas fired turbines. They produce electricity (during period of high demand), but no "useful thermal energy for industrial, commercial, heating, or cooling purposes through the sequential use of energy."

Let me know if there is additional information I can provide to reconcile this error.

- Paul

From: Francis Loko [mailto:Francis.Loko@tceq.texas.gov]
Sent: Monday, August 01, 2011 2:00 PM
To: Morris,Paul J.
Subject: 2015 Clean Air Interstate Rule Allocation for Exelon La Porte Generating Station (RN102041282)

Dear Mr. Morris,

This email is with regards to the Clean Air Interstate Rule (CAIR) Allocation for the year 2015. The information available in the EPA's Clean Air Markets - Data & Maps database indicates that Facility Identification Numbers (FINs) GT-1, GT-2, GT-3, and GT-4 are combustion turbines and have equipment used to produce electricity and useful thermal energy for industrial, commercial, heating or cooling purposes through the sequential use of energy.

On the CNA-1 form received on May 4, 2011, you reported the following Total Heat Energy (THE) for FIN GT-1:

Year 2001, THE = 2.5 million British thermal units (MMBtu)
Year 2002, THE = 50,315 MMBtu
Year 2003, THE = 84,311 MMBtu
Year 2004, THE = 41,077 MMBtu
Year 2005, THE = 243,237 MMBtu

For FIN GT-2, you reported the following THE,

Year 2001, THE = 1,268.6 MMBtu
Year 2002, THE = 20,590 MMBtu
Year 2003, THE = 84,792 MMBtu
Year 2004, THE = 49,162 MMBtu
Year 2005, THE = 320,678 MMBtu

For FIN GT-3, you reported the following THE,

Year 2001, THE = 8.1 MMBtu
Year 2002, THE = 62,665 MMBtu
Year 2003, THE = 77,320 MMBtu
Year 2004, THE = 54,265 MMBtu
Year 2005, THE = 255,145 MMBtu

For FIN GT-4, you reported the following THE,
Year 2001, THE = 3.2 MMBtu

Year 2002, THE = 37,333 MMBtu
Year 2003, THE = 92,371 MMBtu
Year 2004, THE = 51,516 MMBtu
Year 2005, THE = 288,873 MMBtu

Please indicate whether each of the reported THE values is that of the steam produced by the heat recovery steam generators associated with FINS GT-1, GT-2, GT-3, and GT-4 and used for industrial, commercial, heating or cooling purposes for the given year. And also please indicate whether the units are correct. Otherwise, please provide the accurate heat energy values in MMBtu.

Please respond to this email by Friday, August 5, 2011. The data requested is necessary for us to ensure that you receive the right allocation. If we do not receive a response by the aforementioned date, you may receive the incorrect allocation.

If you have any questions or concerns, please contact me or Shantha Daniel, PhD at 512-239-3930 or shantha.daniel@tceq.texas.gov

Sincerely,

Francis Loko

Texas Commission on Environmental Quality

Air Quality Division

Emissions Banking and Trading Team

P: 512-239-1109

F: 512-239-6188

francis.loko@tceq.texas.gov