

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 17, 2025

TONY KUREK
SENIOR FACILITIES MANAGER
LINDE INC.
100 STRANG ROAD
LAPORTE, TEXAS 77571
Via email

Subject: MECT Annual Compliance Report
Linde Inc.
Linde La Porte
Customer Number: CN600130645
Regulated Entity Number: RN102146446
EBT Portfolio Number: P4030
Project Number: 419648

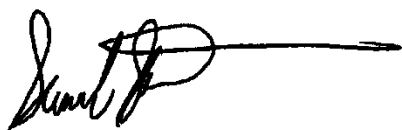
Dear Tony Kurek:

The Texas Commission on Environmental Quality (TCEQ) has processed the 2024 MECT Annual Compliance Report submitted on March 7, 2025, for compliance with 30 Texas Administrative Code (TAC) §101.359. This processing does not constitute an approval of the emissions quantification methods or results submitted in the site's Annual Compliance Report. A summary of the site's compliance account (portfolio) for the control period is attached.

The person that certified your annual report, Oscar Avila Contreras, is not registered as an Authorized Account Representative (AAR) for this portfolio. An AAR is required to certify (sign) all EBT applications submitted for this portfolio. **Failure to properly certify your EBT applications may cause delays in the review process.** Please review and update your company's AAR contact information through the State of Texas Environmental Electronic Reporting System ([STEERS](https://www.tceq.texas.gov/steers)) to ensure that it is accurate. Please complete this review prior to submission of future EBT applications.

Additional information regarding this project and the site's portfolio is available online at https://www2.tceq.texas.gov/airperm/index.cfm?fuseaction=ebt_dpa.start. If you have questions concerning this project or the EBT program, please contact Natalie Namba at Natalie.Namba@tceq.texas.gov, or write to the TCEQ, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,



Samuel Short, Deputy Director
Air Permits Division
Office of Air

cc: Douglas Shearer, Director of Operations, South Region, Linde Inc.
Director, Harris County, Pollution Control Services, Pasadena

Table 1. Compliance Account Summary.

2024 Control Period	Amount (tons)
Certified Allocation	1.0
Previous Year Deficit with 10% Penalty	0.0
Total Current Allowances Traded In	3.0
Total Current Allowances Traded Out	0.0
Vintage Allowances from Previous Year	1.2
Vintage Allowances Traded In	0.0
Vintage Allowances Traded Out	0.0
Total Reported Emissions	2.7
Quantification Penalty	0.0
Current Allowances Used for Compliance	2.7
Vintage Allowances Used for Compliance	0.0
Deficit	0.0
Vintage Allowances Expired	1.2
Current Allowances Remaining	1.3

2024 MECT Annual Compliance Report Technical Review

Project Number:	419648	Project Manager:	Natalie Namba
Customer Reference No.:	CN600130645	Company Name:	Linde Inc.
Regulated Entity Reference No.:	RN102146446	Site Name:	Linde La Porte
Portfolio Number:	P4030	County:	Harris

Review Summary

Review Level:	<input checked="" type="checkbox"/> Basic <input type="checkbox"/> Audit
Source Type:	<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Electric Generation Utility
Quantification Penalty:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Potential Deviation:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Was the company notified about insufficient allowances, penalties, or changes to the report?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A

General Review

Review	Yes/No	Explanation
Was the report submitted on or before March 31?	Yes	Date Submitted: 3/7/2025
Was the report certified (submitted) by the portfolio's registered Primary or Alternate Authorized Account Representative (AAR)?	No	Certified by: Oscar Avila Contreras
Are the company and site information consistent with Central Registry?	Yes	
Were any new EPNs reported or did any existing EPNs undergo a change in status (e.g., shutdown, removed, etc.)?	No	
Did the site's account for this control period have sufficient allowances to cover the emissions and any penalties assessed?	Yes	

Basic Emissions Review

Review	Yes/No	Explanation
Were the Level of Activity (LOA) citations, Emission Factor (EF) citations, and Source Type consistent with the previous year's report?	Yes	
Were the LOA and EF units reported for each FIN compatible with each other?	Yes	
Were emissions from one or more FINs reported as using alternate data under §101.354(b)? If yes, was a 10% Quantification Penalty assessed?	No	

03/17/2025 ----- EBTP IMS- PROJECT RECORD -----

PROJECT#: 419648

STATUS: C

DISP CODE: _____

RECEIVED: 03/07/2025

PROJTYPE: BRPT

ISSUED DT: _____

SUP-DISP DATE: 03/17/2025

STAFF ASSIGNED TO PROJECT:
NAMBA, NATALIE

PROJECT NOTES:

[.Attachments](#) from Steers

[.Copy Of Record](#) from Steers

.2024 BASIC MECT REPORT

.TARGET DATE: 5/6/2025

PROJECT TRANSACTIONS

COMPANY DATA

COMPANY NAME: LINDE INC

CUSTOMER REGISTRY ID: CN600130645

PORTFOLIO DATA

NUMBER: P4030 NAME: LINDE INC - PRAXAIR - RN102146446

SITE DATA

ACCOUNT: HG0982M

REG ENTITY ID: RN102146446

SITE NAME: LINDE LA PORTE

COUNTY: HARRIS

LOCATION: 100 STRANG RD, LA PORTE, TX

NEAREST CITY: LA PORTE

CONTACT DATA

NAME: TONY KUREK

ROLE: AAR

STREET: 100 Strang Road

CITY/STATE, ZIP: Laporte, TX , 77571-

PHONE: 281-478-7802 -

EMAIL: TONY.KUREK@LINDE.COM

TITLE: SENIOR FACILITIES MANAGER

NAME: DOUGLAS SHEARER

ROLE: AAAR

STREET:

CITY/STATE, ZIP:

PHONE: 925-548-9107 -

EMAIL: DOUGLAS.SHEARER@LINDE.COM

TITLE: DIRECTOR OF OPERATIONS, SOUTH REGION

TRANSACTION DATA

TRANSACTION TYPE: CAP_RPT

EFFECTIVE YEAR: 2024

POLLUTANT : NOX

TON: 0.7

Allowance Type	Total
ACTUAL	2.7

TRANSACTION TYPE: CAP_VINT

EFFECTIVE YEAR: 2024

POLLUTANT : NOX

TON: 1.30

TRACKING ACTIVITES

PROJECT RECEIVED BY PM :	03/07/2025	PROJECT SUBMITTED :	03/07/2025	TEAM LEAD REVIEW :	03/11/2025
SECTION MANAGER REVIEW :	03/11/2025	BASIC REPORT :	03/31/2025		

Portfolio Detail

Portfolio Number: P4030
Portfolio Name: LINDE INC - PRAXAIR - RN102146446
Company Name: LINDE INC

Actual Allowances for Pollutant NOX

Balance/Year	2022	2023	2024	2025	2026	2027	2028
Penalty from last year	0	0	0	0	0	0	0
Certified Allocation	1	1	1	1	1	1	1
Allowances for Offsets	-0	-0	-0	-0	-0	-0	-0
Future Trade In	0	0	0	0	0	0	0
Future Trade Out	-0	-0	-0	-0	-0	-0	-0
Stream Traded In	3	3	3	3	3	3	3
Stream Traded Out	-0	-0	-0	-0	-0	-0	-0
Current Traded In	0	0	0	0	0	0	0
Current Traded Out	-0	-0	-0	-0	-0	-0	-0
Total Reported Emissions	-2.7	-2.8	0	0	0	0	0
Quantification Penalty	-0	-0	-0	-0	-0	-0	-0
Current Used for Compliance	-2.7	-2.8	-0	-0	-0	-0	-0
Vintage From Previous Year	1.4	1.3	1.2	0	0	0	0
Vintage Traded In	0	0	0	0	0	0	0
Vintage Traded Out	-0	-0	-0	-0	-0	-0	-0
Vintage Used for Compliance	-0	-0	-0	-0	-0	-0	-0
DERC Intent	0	0	0	0	0	0	0
DERC Use	0	0	0	0	0	0	0
ERC Converted to Allowances	0	0	0	0	0	0	0
 CURRENT ALLOWANCE BALANCE	 1.3	 1.2	 4	 4	 4	 4	 4
VINTAGE ALLOWANCE BALANCE	1.4	1.3	1.2	0	0	0	0

Flexible Allowances for Pollutant NOX

Balance	2022	2023	2024	2025	2026	2027	2028
Flexible Allowance	0	0	0	0	0	0	0
Penalty	0	0	0	0	0	0	0
Associated Annual Emissions	-0	-0	-0	-0	-0	-0	-0
BALANCE	0	0	0	0	0	0	0

Sb7 Allowances for Pollutant NOX

Balance/Year	2022	2023	2024	2025	2026	2027	2028
Previous Year Deficit	0	0	0	0	0	0	0
Allowances Remaining from Previous Year	0	0	0	0	0	0	0
Allocation	0	0	0	0	0	0	0
Current Traded In	0	0	0	0	0	0	0
Current Traded Out	-0	-0	-0	-0	-0	-0	-0
Stream Traded In	0	0	0	0	0	0	0
Stream Traded Out	-0	-0	-0	-0	-0	-0	-0
Total Reported Emissions	-0	-0	-0	-0	-0	-0	-0
Remaining Balance	0	0	0	0	0	0	0

Banking Cap and Trade
Portfolio Balance for P4030

Actual Allowances for NOX

Balance/Year	2022	2023	2024	2025	2026	2027	2028
Current Balance	1.30	1.20	1.30	4.00	4.00	4.00	4.00

Vintage Balances for NOX

Balance/Year	2022	2023	2024	2025	2026	2027	2028
Current Balance	1.40	1.30	1.20	1.30	0	0	0

Flex permits Allowances for NOX

Balance/Year	2022	2023	2024	2025	2026	2027	2028
Current Balance	0	0	0	0	0	0	0

Pending Projects	
Proj_num	Xaction Type

Pseudocally Closed Projects	
Proj_num	Xaction Type
419648	CAP_RPT
419648	CAP_VINT

Confirm Records to Send to TCEQ

Portfolio Number:P4030
Data current as of:03/07/2025

Portfolio Information

Portfolio Number: P4030
Portfolio Name: LINDE INC - PRAXAIR - RN102146446
Program: MECT
Project Number: 419648
Pollutant Code: NOX
Control Period: 2024

FIN:HEATER1	Fin Name:PLANT 1 REGEN HEATER-1388				EPN:EP-1	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
21490.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.060000	LB/MMBTU	0.64
FIN:HEATER10	Fin Name:N2 DRIOX 3 VAPORIZER HEATER-1396				EPN:EP-10	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
2398.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.054000	LB/MMBTU	0.06
FIN:HEATER11	Fin Name:PLANT 3 REGEN HEATER-12631				EPN:	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
17497.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.032000	LB/MMBTU	0.28
FIN:HEATER2	Fin Name:O2 DRIOX 1 VAPRIZOR HEATER-1389				EPN:EP-2	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
4164.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.238000	LB/MMBTU	0.50
FIN:HEATER3	Fin Name:O2 DRIOX 2 VAPRIZOR HEATER-1390				EPN:EP-3	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
1934.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.264000	LB/MMBTU	0.26
FIN:HEATER4	Fin Name:O2 DRIOX 3 VAPRIZOR HEATER-1391				EPN:EP-4	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
4247.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.187000	LB/MMBTU	0.40
FIN:HEATER5	Fin Name:O2 DRIOX 4 VAPRIZOR HEATER-1392				EPN:EP-5	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
1610.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.173000	LB/MMBTU	0.14
FIN:HEATER7	Fin Name:PLANT 2 REGEN HEATER-7770				EPN:EP-7	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
16679.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.027000	LB/MMBTU	0.23
FIN:HEATER8	Fin Name:N2 DRIOX 1 VAPRIZOR HEATER-1394				EPN:EP-8	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
1438.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.054000	LB/MMBTU	0.04
FIN:HEATER9	Fin Name:N2 DRIOX 2 VAPRIZOR HEATER-1395				EPN:EP-9	CEMS/PEMS:No
LOA	LOA Citation	LOA Units	EF Citation	EF	EF Units	Tons Reported
2547.000000	117.2035(a)(1)	MMBTU	117.2035(e)	0.062000	LB/MMBTU	0.08
						Total Tons 2.7

Contact Information

Primary Contact Name: TONY KUREK
Address: 100 Strang Road Laporte, TX 77571
Phone: 281-478-7802
Email: TONY.KUREK@LINDE.COM
Technical Contact Name: DOUGLAS SHEARER
Phone: 925-548-9107
Email: DOUGLAS.SHEARER@LINDE.COM

I certify that I have not violated any term in my TCEQ STEERS participation agreement and have no reason to believe that the confidentiality or use of my password has been compromised at any time. I understand that entering my password and pressing the "Confirm Submit" button constitutes an electronic signature legally equivalent to my written signature.

I certify that I am authorized to make this submission on behalf of the owners and operators of the site and facilities included in this submission. I certify that I have knowledge of the information in this submission and any attachments, and that, based on my knowledge and belief formed after reasonable inquiry, the information is true, accurate, and complete. I acknowledge that I have read and understand Texas Water Code (TWC) §§7.177-7.183, which define criminal offenses for certain violations, including intentionally or knowingly making or causing to be made false material statements or representations in this application, and TWC §7.187, pertaining to criminal penalties. Additionally, I understand that TWC §5.102 and Texas Health and Safety Code §382.002 authorize the TCEQ to carry out and enforce its rules and associated duties, including the duty to take enforcement actions if these rules are violated.

This document was signed by Oscar Avila Contreras.
Signature Hash: 043E18DC44FD3167892FF3F4E89612FEE6C4833E7C693F6E72131B4B3F07771E

The following is additional information contained in your Copy of Record:
Submission IP address: 165.225.32.163
Submission date and time: 03/07/2025
Submission STEERS Version: 6.88
Submission Confirmation Number: 18291
Submission Data Hash Code: BCEC7ECC28A703B9DB2CE0BCF03CE2B163C74C21051539A9E9C1567E06147D52

Heater Emission Calculations
Linde Inc. - La Porte, Texas Facility

2024

Emission Point ID No.	Combustion Devices	Heat Input Capacity (MMBtu/hr)	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Total Annual		TEST Emission Factor lb/mmmbtu	Total Annual NOx Emissions (ton/yr)
			Gas Usage		Gas Usage		Gas Usage		Gas Usage		Gas Usage		Gas Usage		Gas Usage		Gas Usage		Gas Usage		Gas Usage		Gas Usage		2024 Gas Usage					
			(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMscf)	(MMBtu)	(MMBtu/yr)	MMSCF/yr		
Regeneration Heaters																														
EP-1	Regen Heater 1	8.00	1.81	1,842.69	1.76	1,799.58	1.84	1,877.80	1.73	1,767.11	1.87	1,909.42	1.82	1,858.70	1.18	1,208.11	1.91	1,948.36	1.87	1,908.32	1.96	1,994.60	1.82	1,861.31	1.48	1,514.50	21,490	21.07	0.060	0.64
EP-7	HEATER 7770	8.00	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	1.36	1,389.88	16,679	16.35	0.027	0.23
EP-11	Regen Heater 3	7.30	1.49	1,518.78	1.32	1,345.38	1.46	1,489.20	1.41	1,435.14	1.44	1,466.76	1.38	1,405.56	1.41	1,442.28	1.42	1,445.34	1.40	1,423.92	1.46	1,491.24	1.44	1,465.74	1.54	1,567.74	17,497	17.15	0.032	0.28
Vaporizer Heaters																														
EP-2	Vapor Heater 1389	14.00	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	0.34	346.96	4,164	4.08	0.238	0.50
EP-3	Vapor Heater 1390	14.00	0.24	249.00	0.23	234.61	0.18	183.45	0.10	106.54	0.37	378.67	0.30	309.10	0.27	275.77	0.01	11.85	0.00	0.01	9.16	0.01	10.89	0.16	164.63	1,934	1.90	0.264	0.26	
EP-4	Vapor Heater 1391	14.00	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	0.35	353.92	4,247	4.16	0.187	0.40
EP-5	Vapor Heater 1392	14.00	0.26	265.49	0.17	178.08	0.19	190.45	0.18	178.53	0.27	270.59	0.19	190.66	0.18	180.32	0.00	4.00	0.00	0.15	0.00	3.11	0.01	13.44	0.13	135.66	1,610	1.58	0.173	0.14
EP-8	Vapor Heater 1394	29.40	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	0.12	119.84	1,438	1.41	0.054	0.04
EP-9	Vapor Heater 1395	29.40	0.18	187.90	0.20	208.83	0.25	258.46	0.13	134.67	0.24	247.51	0.35	361.11	0.27	276.49	0.24	244.56	0.12	125.84	0.13	128.98	0.16	162.16	0.21	210.53	2,547	2.50	0.062	0.08
EP-10	Vapor Heater 1396	29.40	0.47	475.73	0.25	254.28	0.23	232.88	0.18	183.87	0.19	194.27	0.19	198.56	0.16	160.86	0.15	151.66	0.13	132.12	0.13	127.73	0.09	86.79	0.20	199.67	2,398	2.35	0.054	0.06
Combustion Totals =			6.62	6,750.18	6.11	6,231.35	6.32	6,442.84	5.90	6,016.46	6.55	6,677.82	6.41	6,534.30	5.64	5754.43	5.90	6,016	5.69	5,801	5.85	5,965	5.70	5,810.94	5.89	6,003.32	74,004.42	72.55	NG Total:	2.62

From: [Natalie Namba](#)
To: TONY.KUREK@LINDE.COM
Cc: [Douglas Shearer](#); Air_Permits@pcs.hctx.net
Subject: TCEQ EBT Documents - MECT Annual Report - Linde La Porte
Date: Monday, March 17, 2025 8:28:00 AM
Attachments: [419648 MECT Annual Report Letter.pdf](#)

Please see the attached EBT document(s) for Project Number **419626**. If you have any questions, please see the contact information in the last paragraph of the attached letter.

Texas Commission on Environmental Quality

EBT Programs

ebt@tceq.texas.gov

Sign up to receive e-mail updates about EBT programs on the [TCEQ GovDelivery subscription page](#). Select *Emissions Banking and Trading (EBT) Program* under the *Air Quality* heading.

From: [Natalie Namba](#)
To: ["TONY.KUREK@LINDE.COM"](mailto:TONY.KUREK@LINDE.COM)
Cc: ["Douglas Shearer"](#); ["Air_Permits@pcs.hctx.net"](mailto:Air_Permits@pcs.hctx.net)
Subject: RE: TCEQ EBT Documents - MECT Annual Report - Linde La Porte
Date: Monday, March 17, 2025 8:46:00 AM

Apologies. The Project Number referenced in my initial email is incorrect. The correct Project Number for Linde La Porte's MECT Annual Report is **419648**. I apologize for any confusion this may have caused.

From: Natalie Namba
Sent: Monday, March 17, 2025 8:29 AM
To: TONY.KUREK@LINDE.COM
Cc: Douglas Shearer <DOUGLAS.SHEARER@LINDE.COM>; Air_Permits@pcs.hctx.net
Subject: TCEQ EBT Documents - MECT Annual Report - Linde La Porte

Please see the attached EBT document(s) for Project Number **419626 419648**. If you have any questions, please see the contact information in the last paragraph of the attached letter.

Texas Commission on Environmental Quality

EBT Programs

ebt@tceq.texas.gov

Sign up to receive e-mail updates about EBT programs on the [TCEQ GovDelivery subscription page](#). Select *Emissions Banking and Trading (EBT) Program* under the *Air Quality* heading.

From: [APDDIR](#)
To: [Rebecca Partee](#); [APDDIR](#)
Cc: [PSSMGR](#); [EBTTL](#); [Natalie Namba](#)
Subject: RE: For Review and Approval by 3/17/2025: Basic MECT Report 419648
Date: Friday, March 14, 2025 1:09:13 PM

Approved

Samuel Short
Air Permits Division
Texas Commission on Environmental Quality
512 239-5363
samuel.short@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey
at www.tceq.texas.gov/customersurvey

From: Rebecca Partee <rebecca.partee@tceq.texas.gov>
Sent: Friday, March 14, 2025 9:37 AM
To: APDDIR <APDDIR@tceq.texas.gov>
Cc: PSSMGR <PSSMGR@tceq.texas.gov>; EBTTL <EBTTL@tceq.texas.gov>; Natalie Namba <Natalie.Namba@tceq.texas.gov>
Subject: FW: For Review and Approval by 3/17/2025: Basic MECT Report 419648

Sam,

Please see the attached for your approval.

Thank you,
Rebecca

From: PSSMGR <PSSMGR@tceq.texas.gov>
Sent: Wednesday, March 12, 2025 1:34 PM
To: Rebecca Partee <rebecca.partee@tceq.texas.gov>
Cc: EBTTL <EBTTL@tceq.texas.gov>; Natalie Namba <Natalie.Namba@tceq.texas.gov>
Subject: FW: For Review and Approval by 3/17/2025: Basic MECT Report 419648

Please see the attached documents for Basic MECT Report 419648.