

Report Control Number: _____

SURVEY/INSPECTION FOR AIR QUALITY MANAGEMENT



ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

1. GENERAL INFORM	MATION			
Name of Establishm	ent: LINDE F	PHILIPPINES (SOUTH), INC. OXYO	GEN REFILLLING PL	ANT PROJECT
Address: Brgy. Dayhagan , Ormoc City		Geo Coordinates:		
Nature of Business:	Oxygen Re	efilling	11.06112 N, 124.	59817 E
PSIC Code: 20112		Product: industrial and medical oxygen gas in cylinders	Year Established:	2019
Operating hours/da	y: 10	Operating days/week: 6	Operating days/y	ear: 288
Product Lir	nes	Production Rate as Declared in the ECC (unit/day)	Actual Prod	duction Rate (unit/day)
		Plant capacity= 19,000L liquid capacity		
Name of Managing	Head:	RODOLFO PASCUA		
Name of PCO:		MELVYN MILITANTE	. 7	
PCO Accreditation N	lo.:	2019-RVIII-0170	Date of Effectivity	: December 01,2019
Phone/Fax:		09989798428	Email: melvyn.m	ilitante@linde.com
renewals, or mod New Renewal PMPIN Applica Hazardous Was Hazardous Was Hazardous was Permit to Oper Discharge Pern	ification tion ste ID Regist ste Transpor ste TSD Regis rate Air Pollu nit	ter Registration	New	Renewal
Investigate commu Check status of volu Industrial Ecow Philippine Envi Pollution Adjuct	nity complai untary comm vatch ronmental P dication Boar	artnership Program (PEPP)		ns, and other
Contact Person	MELVYN MILI	TANTE		
/ Designation 0				

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law		Permits	Date of Issue	Expiry Date
	ECC1	ECC-OL-R08-2019-0113	07-03-2019	
PD 1586	ECC2			
	ECC3			
	DENR Registry ID			
RA 6969	PCL Compliance Certificate			
	CCO Registry			
	Permit to Transport			
RA 8749	POA No.			
RA 9003	ECC for Sanitary Landfill			
RA 9275	DP No.			

MODULE AQM01: PRE-INSPECTION INFORMATION SHEET FOR EMISSION SOURCES

Emission Source Data Information				
Emission Source No.	N/A			
Type (Brand/Model)				
Rated Capacity				
Fuel Type & Quantity				
Operating Capacity				
Control Facility				
Notes				

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Type (Brand/Model)		
Rated Capacity		
Fuel Type & Quantity		
Operating Capacity		
Control Facility		
Notes		

Legal Provision	Regulatory Requirements	Compliant			Notes
			N	N/A	
DAO 2004-26					
Rule 19 Section 1	Application for Permit to Operate has been filed for new or modified emission sources			1	
Rule 19 Section 3	As built design of the installation conforms with submitted engineering plans and specifications			1	
	Declared control facilities are installed and operational			1	
	Installation is located as proposed in the vicinity map (plant and machinery layout)			1	
	Facility design capacity is within the capacity declared in the application for permit to operate			1	
Rule 19 Section 5	Temporary Permit is still valid			1	

DAO 2000-81				
Part 7 Rule 25 Section 5 a# 3	Facility is fossil fuel-fired powerplant over 10 MW rating installed with CEMS for particulates, sulfure oxide, and NOx		V	
	Facility is petroleum refinery / petrochemical industry installed with CEMS for particulates, sulfur oxide, and NOx		1	
	Facility is primary copper smelter installed with CEMS for particulates, sulfur oxide, and NOx		1	
	Facility is steel plant installed with CEMS for particulates and sulfur oxide		1	
	Facility is ferro-alloy production facility installed with CEMS for particulates		V	
	Facility is cement plant installed with CEMS for particulates		1	
Section 3a #1	Facility has the potential to emit at least 750 tons/year of regulated pollutant. Facility has CEMS and COMS.		1	
	Facility has the potential to emit at least 750 tons/year of particulate matter. Facility has COMS.		1	
EMB DAO 2007-22				
Section 5	CEMS/COMS Specifications for Opacity is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 1		1	
	CEMS/COMS Specifications for Sulfur Dioxide and Nitrogen Oxide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 2		7	
	CEMS/COMS Specifications for Carbon Dioxide and Oxygen is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 3		1	
	CEMS/COMS Specifications for Carbon Monoxide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 4 and 4A		1	
	CEMS/COMS Specifications for Hydrogen Sulfide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 7		1	

Other Observations:

- The Oxygen Plant Project was operational during the inspection.
- LINDE Oxygen Plant refills industrial and medical oxygen (O2) gas in gas cylinders. It has a capacity of 19,000L or 21.66 MT @ 1140mg/l density liquid oxygen (raw material).
- According to the PCO, Mr. Melvyn Militante, the plant has a daily production of 30% industrial and 70% medical oxygen.
- Upon validation on site, the plant installed one (1) unit Oxygen Tank with a capacity of 19,000L and Oxygen Cylinder Filling System. The said facilities are not covered by the Philippine Clean Air Act of 1999, hence not required to secure Permit to Operate. Further, no standby Diesel Generator set was observed.
- Wastewater Discharge Permit application for domestic wastewater and wastewater from cleaning and washing of cylinders is still in process.
- The proponent has no record of CMR submission.

Remarks and Recommendation:

- -The above-stated facilities are not covered by the Philippine Clean Air Act of 1999; hence not required to secure Permit to Operate.
- -To comply with the requirement for the issuance of Wastewater Discharge Permit.
- To submit Compliance Monitoring Reports semi-annually through the EMB Online System.

List of Documents Reviewed:

ECC

Submitted by:

JANET T. POLEA Engr. IV

Approved by

FOR MANUEL J. SACEDA, JR.

Recommending Approval:

Engr. CARLOS A. CAYANONG Chief, WAQMS

Noted by:

REYNADDO B. BARRA, PM DIC-Regional Director



Republic of the Philippines Department of Environment and Natural Resources ENVIRONMENTAL MANAGEMENT BUREAU

Regional Office No. VIII DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City



DISPOSITION FORM

Doc. Date: February 28, 2022

: R8-2022-007163 IIS No.

Company Name: LINDE PHILIPPINES (SOUTH) INC.



Subject / Title: Survey/Inspection for Air Quality Management

TO: All Officials/Personnel Concerned:

Please accomplish and route this properly with the corresponding attached communication/documents. The Official or employee in-charge to whom this document is routed shall act promptly and expeditiously without discrimination as prescribed in the SECSIME or within fifteen (15) working days from receipt thereof, failure to do is punishable by LAW under RA 6713 and negligence to Memorandum Circular No. 44 issued by the Office of the President of the Philippines "Directing all Government Agencies and Instrumentalities, including government-owned or controlled corporations to respond to all public requests and concerns within 15 days (15 from the receipt thereof)

For strict compliance.

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Janet T. Polea	92/28/2022	Carlos A. Cayanong	03:14 PM	For initial/signature.		
CAV	2-28	MS	320	H		
CEMED	03/01/22	600	•			

Use code for comment/instruction and desired action:

A - For information / guidance / reference

B - For comments / recommendations

C - Pls. take up with me

D - Pls. draft answer memo

E - Pls. appropriatte action

F - Pls. immediate investigation

G - Pls. Attach supporting papers

H - Pls. for approval

I - For initial/signature

J - For study/evaluation

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