

**SURVEY/INSPECTION FOR AIR QUALITY MANAGEMENT****ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION**

Report Control Number: _____

Date of Survey/Inspection: **February 11, 2022**Mission Order No.: **EMBR8-2022-005516****1. GENERAL INFORMATION**Name of Establishment: **LINDE PHILIPPINES (SOUTH), INC. OXYGEN REFILLING PLANT PROJECT**Address: **Brgy. Dayhagan , Ormoc City**

Geo Coordinates:

11.06112 N, 124.59817 ENature of Business: **Oxygen Refilling**PSIC Code: **20112**Product: **industrial and medical oxygen gas in cylinders**Year Established: **2019**Operating hours/day: **10**Operating days/week: **6**Operating days/year: **288**

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
	Plant capacity= 19,000L liquid capacity	
Name of Managing Head:	RODOLFO PASCUA	
Name of PCO:	MELVYN MILITANTE	
PCO Accreditation No.:	2019-RVIII-0170	Date of Effectivity: December 01,2019
Phone/Fax:	09989798428	Email: melvyn.militante@linde.com

2. PURPOSE OF INSPECTION

- ☐ Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modification

	New	Renewal
<input type="checkbox"/> New Renewal		
<input type="checkbox"/> PMPIN Application	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste ID Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste Transporter Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous waste TSD Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Permit to Operate Air Pollution Control Installation	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Discharge Permit	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Others _____	<input type="checkbox"/>	<input type="checkbox"/>

- ☒ Determine compliance status with the environmental regulations, permit conditions, and other requirements

- ☐ Investigate community complaints

- ☐ Check status of voluntary commitment

_____ Industrial Ecowatch

_____ Philippine Environmental Partnership Program (PEPP)

_____ Pollution Adjudication Board (PAB)

_____ Others _____

- ☐ Others _____

Name of Contact Person	MELVYN MILITANTE
Position / Designation	09989798428

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-OL-R08-2019-0113	07-03-2019	
	ECC2			
	ECC3			
RA 6969	DENR Registry ID			
	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	


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

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

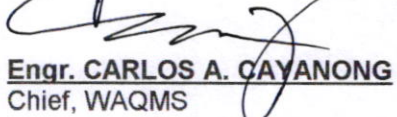
DAO 2000-81				
Part 7 Rule 25 Section 5 a# 3	Facility is fossil fuel-fired powerplant over 10 MW rating installed with CEMS for particulates, sulfure oxide, and NOx			√
	Facility is petroleum refinery / petrochemical industry installed with CEMS for particulates, sulfur oxide, and NOx			√
	Facility is primary copper smelter installed with CEMS for particulates, sulfur oxide, and NOx			√
	Facility is steel plant installed with CEMS for particulates and sulfur oxide			√
	Facility is ferro-alloy production facility installed with CEMS for particulates			√
	Facility is cement plant installed with CEMS for particulates			√
Section 3a #1	Facility has the potential to emit at least 750 tons/year of regulated pollutant. Facility has CEMS and COMS.			√
	Facility has the potential to emit at least 750 tons/year of particulate matter. Facility has COMS.			√
EMB DAO 2007-22				
Section 5	CEMS/COMS Specifications for Opacity is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 1			√
	CEMS/COMS Specifications for Sulfur Dioxide and Nitrogen Oxide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 2			√
	CEMS/COMS Specifications for Carbon Dioxide and Oxygen is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 3			√
	CEMS/COMS Specifications for Carbon Monoxide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 4 and 4A			√
	CEMS/COMS Specifications for Hydrogen Sulfide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 7			√
Other Observations:				
<ul style="list-style-type: none"> - 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:
<ul style="list-style-type: none">- 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

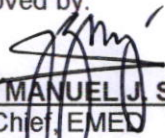
Submitted by:


JANETT T. POLEA
Engr. IV

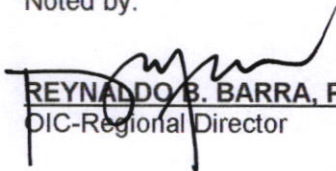
Recommending Approval:


Engr. CARLOS A. CAYANONG
Chief, WAQMS

Approved by:


FOR. MANUEL J. SACEDA, JR.
OIC-Chief, EME

Noted by:


REYNALDO B. BARRA, PM
OIC-Regional Director

