

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

Report Control Number: \_\_\_\_\_

Date of Inspection: **18 March 2022**Mission Order No.: **Desk Monitoring****1. GENERAL INFORMATION**Name of Establishment: **Expansion of Vismin Rice Mill**  
(Proponent: *Eloisa M. Cua*)Address: **Brgy. Tacuranga Palo, Leyte**

Geo Coordinates:

**11.1534686°N, 124.9789415°E**Nature of Business: **Rice Mill**PSIC Code: **10610**Product: **Well-milled rice**Year Established: **1990**Operating hours/day: **8 hours**Operating days/week: **6 days**Operating days/year: **288 days**

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
<b>Milling rate</b>	<b>More than 1 ton/hour</b>	-
Name of Managing Head:	<b>Carl Benson Cua</b>	
Name of PCO:	<b>Carl Benson Cua</b>	
PCO Accreditation No.:	-	Date of Effectivity: 09/25/2021
Phone/Fax:	0917 623 3638	Email:

**2. PURPOSE OF INSPECTION**

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

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

-

Position / Designation

-

3. COMPLIANCE STATUS  
3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-R08-0910-0035	10/06/2009	N/A
	ECC2	-		
	ECC3	-		
RA 6969	DENR Registry ID	-		
	PCL Compliance Certificate	-		
	CCO Registry	-		
	Permit to Transport	-		
RA 8749	POA No.	POA-2019-J-0837-0325	10/21/2019	10/02/2024
RA 9003	ECC for Sanitary Landfill	-		
RA 9275	DP No.	-		

MODULE AQM01: PRE-INSPECTION INFORMATION SHEETFOR EMISSION SOURCES

Emission Source Data Information		Emission Source Data Information	
Emission Source No.	1	Emission Source No.	2
Type (Brand/Model)	Multi-pass Rice Huller	Type (Brand/Model)	Single Pass "Kaneko" Rice Huller
Rated Capacity	2 units of 0.5 MT/hr. capacity each	Rated Capacity	1 unit 0.3 MT/hr capacity
Fuel Type & Quantity	Electric-driven	Fuel Type & Quantity	4DR5 engine
Operating Capacity		Operating Capacity	
Control Facility	Storage bin	Control Facility	Storage bin
Notes:		Notes: As per previous report, this unit is for decommissioning	

Emission Source Data Information		Emission Source Data Information	
Emission Source No.	3	Emission Source No.	N/A
Type (Brand/Model)	Furnace	Type (Brand/Model)	
Rated Capacity	Serving 3 mechanical dryers each with	Rated Capacity	
Fuel Type & Quantity	Rice hull	Fuel Type & Quantity	
Operating Capacity		Operating Capacity	
Control Facility		Control Facility	
Notes:		Notes:	

Legal Provision	Regulatory Requirements	Compliant			Notes
		Y	N	N/A	
DAO 2004-26					
Rule 19 Section 1	All emission sources have a valid Permit to Operate	/			Permit to Operate is to expire 10/02/2024
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			/	
Rule 19 Section 6	Application for renewal has been filed for expiring Permit to Operate 30 days before permit expiration date			/	
Rule 19 Section 9	Permit to Operate displayed conspicuously upon the installation or in an accessible / visible place near the installation	/			
	Conditions of the Permit to Operate are complied with	/			
Rule 19 Section 11	Plant operational problems notification submitted to EMB within 24 hours of occurrence			/	
Rule 19 Section 12	Quarterly submission of self-monitoring report		/		Q <sub>1</sub> Q <sub>2</sub> Q <sub>3</sub> Q <sub>4</sub>
<b>DAO 2000-81</b>					
Part 7 Rule 25 Section 5 a# 1	Person in charge of the plant / equipment has sufficient measure to ensure that no dark smoke is discharging from any stack in the establishment. E.g.: window view of stack, mirror to reflect top of stack, smoke density indicator, CCTV, etc.			/	
Part 7 Rule 25 Section 5 a# 2	All oil-burning equipment have heaters capable of heating oil to a temperature appropriate for the oil and burner			/	
Part 7 Rule 25 Section 5 a# 3	Establishment is fossil fuel-fired power plant over 10MW rating installed with CEMS for particulates, sulfur oxide, and NOx			/	
	Establishment is petroleum refinery / petrochemical industry installed with CEMS for particulates, sulfur oxide, and NOx			/	
	Establishment is primary copper smelter installed with CEMS for particulates, sulfur oxide, and NOx			/	
	Establishment is steel plant installed with CEMS for particulates and sulfur oxide			/	
	Establishment is ferro-alloy production facility installed with CEMS for particulates			/	
	Establishment is cement plant installed with CEMS for particulates			/	
Part 7 Rule 25 Section 5 b	Miscellaneous equipment like reheating furnace, smoke oven, bake oven, coffee heaters, varnish kettles, etc. are installed with pollution control facilities			/	

Part 7 Rule 25 Section 13 a	Establishment has precautionary controls for dusts generated during vehicular movement, transportation of materials, construction, etc. (List controls identified)			/	
Part 7 Rule 25 Section 13 b	Establishment has precautionary controls for volatile organic compounds or organic solvent emissions generated during storing, pumping, handling, processing, etc. (List controls identified)			/	
Part 7 Rule 25 Section 13 d	No open burning activity in the establishment	/			

#### EMB Memorandum Circulars

MC 2009-04	Standby Gensets with capacity greater than or equal to 1,250 KW undergo annual emission testing (with 3 test runs). These gesets should not have the potential to emit more than 100tons/year of regulated pollutant.			/	
MC 2007-003 (2)	Boiler rated at greater than or equal to 251HP undergo bi-annual emission testing (with 3 test runs)			/	
	Other sources that have potential to emit equal to or greater than 100tons/year of regulated pollutant undergo bi-annual emission testing (with 3 test runs)			/	
	Boiler rated between 100 to 250 HP undergo annual emission testing (with 3 test runs)			/	
	Diesel generator rated at 600 to 1,249KW undergo annual testing (with 3 test runs)			/	
	Other sources that have potential to emit greater than 30 but less than 100tons/year of regulated pollutant undergo annual emission testing (with 3 test runs)			/	
	Sources of emissions of hazardous air pollutants included in PCL (DAO 1998 -58) undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of petroleum refinery undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of petrochemical works undergo bi-annual emission testing (with 3 test runs)			/	



	Emission sources of smelters undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of cement kilns undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of steel-making plants undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of ferro-alloy-making plants undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of glass-making plants undergo bi-annual emission testing (with 3 test runs)			/	
	Boiler rated at 99HP or less undergo biennial emission testing (with 3 test runs)			/	
	Diesel generator rated at 599KW or less undergo biennial emission testing (with 3 test runs)			/	
	Other sources that have potential to emit at least 10tons/year but less than 30tons/year of regulated pollutant undergo biennial emission testing (with 3 test runs)			/	
	Source using Bunker Fuel Oil, blended fuels involving Bunker Fuel Oil, or sulfur content of 1% or more undergo bi-annual emission testing			/	
<b>Appendix F (Quality Assurance Procedures)</b>					
Section 6 (8)	Notification has been sent to EMB for any changes made in the CEMS installation			/	
	Notification has been sent to EMB for any changes made in the CEMS quality assurance and quality control plan			/	
Section 6 (5)	Each CEMS is audited and conducted in accordance to CFR 40 part 60 Appendix F.			/	

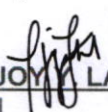
Section 6 (6)	Relative Accuracy Test Audit (RATA) is performed annually by industries in the presence of EMB personnel.			/	
	Establishment has sent thirty (30) day notice to EMB prior to the RATA testing schedule			/	
Section 6 (7)	Calibration gases are subject to audit or relative accuracy audit test every quarter			/	
	Other alternative quarterly audits employed by the establishment are approved by EMB.			/	
Section 6 (9)	EMB Director and Regional Director have been notified of CEMS malfunction that lasted longer than seven (7) consecutive days.			/	
Section 7 (1)	Records of occurrence and duration of any start-up, shut-down or malfunction in the operation of any source or control facility is available in the establishment.			/	
Section 7 (2)	Records of audits, performance testing, evaluations, calibration checks, adjustments and maintenance of any continuous emission monitors that have been installed pursuant to Rule IX Section 5 of DAO 2000-81 are available in the establishment.			/	
Section 8 (1)	SMR includes data on the time intervals, date and magnitude of excess emissions, nature and cause of excess, corrective actions taken, and preventive measures adopted.			/	
Section 8 (2)	SMR includes information on the averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard for the pollutant/source category in question.			/	
Section 8 (3)	SMR includes information on time and date for each period during which the continuous monitoring system was inoperative and the nature of system repairs and adjustments made in the CEMS/COMS			/	
Section 8 (4)	SMR data measurements are within 75% data capture?			/	
<b>For Facilities Engaged with Consent Agreement</b>					



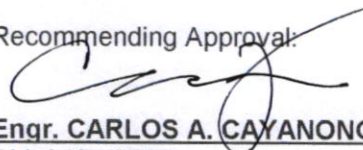
EMS established within 18 months upon entering Consent Agreement with EMB	EMS established within 18 months upon entering Consent Agreement with EMB			/	
DAO 2000-81 Part 7 Rule 25 Section 9b	Environmental Management Plan derived from EMS process submitted within 6 months after entering Consent Agreement with EMB			/	

<b>Other Observations:</b> <ul style="list-style-type: none"><li>• Vismin Rice Mill has a valid Permit to Operate for its two (2) units multi-pass rice huller with a rated capacity of 0.5 MT/hr electrically-driven with common storage bin, one (1) unit Kanaeko brand Single pass rice huller with 0.3 MT/hr powered by a 4DR5 diesel engine and one (1) furnace serving three (3) units 6-tonner Mechanical Dryer, rice hull fed. This Permit to Operate is to expire on October 2, 2024.</li><li>• As per previous report, the Proponent, is already deceased and management of the facility has been transferred to Carl Benson Cua as the present Managing Head.</li><li>• As per online SMR submission system, no record of submission yet for this establishment. Submission of the quarterly SMR is stipulated per Permit condition 9.</li></ul>
<b>Remarks and Recommendation:</b> <ul style="list-style-type: none"><li>• The facility is to submit its quarterly Self-Monitoring Report online thru client.emb.gov.ph/smr. Likewise, submission of the semi-annual Compliance Monitoring Report (Self-Monitoring Report as per approved ECC) is online thru online.emb.gov.ph/cmr.</li><li>• A Transfer of Ownership shall be requested/applied by the present Proponent/Managing Head as required per ECC Restriction No. 2. Also, a letter for the designation of a Pollution Control Officer, who shall handle environment-related aspect of the project, is to be furnished to this Office.</li></ul>
<b>List of Documents Reviewed:</b> <p>Copy of ECC and PTO</p>

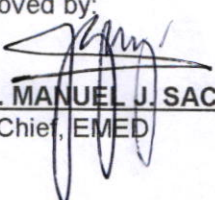
Submitted by:

  
**LEDANE JOY LAURENTE**  
Engineer II

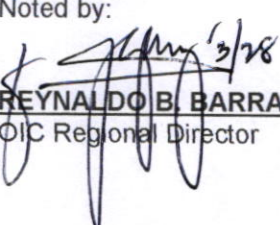
Recommending Approval:

  
**Engr. CARLOS A. CAYANONG**  
Chief, WAQMS

Approved by:

  
**FOR. MANUEL J. SACEDA, JR.**  
OIC Chief, EMED

Noted by:

  
**REYNALDO B. BARRA, PME**  
OIC Regional Director

