



**REPUBLIC OF THE PHILIPPINES**  
**DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES**  
**ENVIRONMENTAL MANAGEMENT BUREAU**

Regional Office No. 1  
DENR Bldg., Government Center, Sevilla, City of San Fernando,  
La Union

**COMPLIANCE INSPECTION CHECKLIST FOR HAZARDOUS WASTE GENERATORS**

**I. GENERAL HAZWASTE GENERATOR INFORMATION**

Name of Establishment : **RANADA GENERAL HOSPITAL**  
Address : Balintawak, Laoag City, Ilocos Norte  
Coordinates : N 18.196666, E 120.591944 E  
Head of Establishment : Dr. Francisco B. Ranada III Designation : Medical Director  
Responsible Personnel Interviewed : Ms. Marieta R. Pedro Designation : PCO  
Contact No. (Landline/Mobile) : 770-4911 / 677-2081 Email : ranada\_gen\_hospital@yahoo.com  
Address :  
Date and Time of Inspection : 25 July 2019  
Date Report Prepared : 8 Aug 2019  
Hazwaste Generator ID : M-GR-R1-28-00057 Date of Issue : 10 January 2019

**Types of Hazardous Wastes Generated based on the Generator's Registration**

Waste Generating Process	Type of Hazardous Waste	Quantity (Generated + Remaining)	Unit
Healthcare Processes	M501 vials/ampules/needles	.9015 - 0.1362 *0.150 MT hauled on 23 May 2019	MT
	I101	-	-
	M506	-	-

Legal Reference	Compliance Requirement	Compliant?			Remarks
		Y	N	N/A	
II. REGISTRATION/ PERMIT REQUIREMENTS					
Chapter 3.3	Is the establishment registered with EMB-DENR as a hazardous Waste Generator? DENR ID No.: M-GR-R1-28-00057	/			Issued 10 January 2019
Chapter 3.3(a)	Has the establishment designated a Pollution Control Officer (PCO)? Name of PCO: Ms. Marieta R. Pedro PCO Accreditation No. PCO1-061516-1455 Category: <input checked="" type="checkbox"/> Large <input type="checkbox"/> Small	/			
Chapter 3.3(b)	Is the establishment registered online?				

Chapter 3.3(c)	Does the establishment have a permit to construct or operate hazardous waste TSD premise? (If yes, accomplish Compliance Inspection Checklist for TSD Facilities)			/	
Chapter 3.3	Has the establishment submitted the Hazardous Waste Generators Quarterly Report Form? (Quarterly for Large, Annual for Small)	/			Submission for 2 <sup>nd</sup> Qtr CY 2019 SMR on 18 July 2019
Chapter 3.3 (d)	Does the establishment comply with the Hazardous Waste Storage and Transport Requirements?	/			Avails the services of Unified Hazwaste Expert, Inc. as their Transporter and Total Organic Environmental Solution, Inc. as their Treater
Chapter 3.3(f)	Does the establishment comply with the Hazardous Waste Transport Manifest System?	/			Submitted manifest form on 6 June 2019
Chapter 3.3(h)	Does the establishment communicate the hazards posed by improper handling, storage, transport and use of hazardous wastes and their containers to employees?	/			

### III. HAZARDOUS WASTE MANAGEMENT (Chapter 3.5)

#### III-A. Storage Requirement:

Chapter 6.1.1	Are the establishment's storage facilities:				
Chapter 6.1.1(a)	Accessible in cases of emergency and for purposes of inspection and monitoring?	/			
Chapter 6.1.1(b)	Enclosed but adequately ventilated?	/			
Chapter 6.1.1(c)	Equipped with floors that are impermeable to liquids and resistant to attack by chemicals, not slippery, and constructed to retain spillages?	/			
Chapter 6.1.1(d)	Properly secured and not easily accessed by unauthorized persons?	/			
Chapter 6.1.1(e)	Equipped with proper waste segregation according to chemical properties and waste type?	/			
Chapter 6.1.1(f)	Proper drum handling and storage	/			
	Are drums in upright position and stacked not more than two drums high?	/			
	Are drums placed on pallets that allow passage of water and circulation of air?	/			
	Are drums leak-free?	/			
	Are filled drums not stored on their side?	/			
	Are drums stored horizontally on racks provided with support for the entire length of the drum?			/	No drums stored horizontally
	Are drums that are stored with materials that permeate polyethylene provided with adequate ventilation?	/			
	Are adequate safety precautions observed at all times when handling filled drums?	/			

Chapter 6.1.1(g)	Is the establishment equipped with full emergency response equipment?	/			With fire extinguisher
Chapter 6.1.2	Does the establishment maintain maximum number of year for accumulation/ storage of hazardous waste? ( <i>Not more than six months for large generators, and one year for small generators</i> )	/			

### III-B. Packaging Requirements

Chapter 6.4	Are the vessels, containers, tanks, and containment buildings comply with the packaging requirements?	/			
Chapter 6.1.3	Does the establishment use appropriate types of containers for each type of waste?	/			Use of plastic containers for disposal of sharps, ampules, and vials.
	Does the establishment use polyethylene drums for acids and bases?	/			
	Does the establishment use metal drums for flammable solvents, and paints?			/	
	Does the establishment use fiber drums for granular materials?			/	
Chapter 6.4.1	Are vessels, containers, tanks and containment buildings used for storage of hazardous wastes:				
Chapter 6.4.1(a)	In good condition without leaks or damage?	/			
Chapter 6.4.1(b)	Made from materials suitable for the characteristics of the wastes to be stored?	/			
Chapter 6.4.1(c)	Equipped with a strong lid or cap to prevent spillage during transport?	/			
Chapter 6.4.2	Does the establishment follow and implement proper packaging procedures?	/			
Chapter 6.4.2 (a)	Does each container contains one type of waste or, when mixed, consist only of class of wastes with similar or mutually compatible characteristics?	/			
Chapter 6.4.2 (b)	Are voids not left in the vessel, container, tank or containment building for self-reacting wastes	/			
Chapter 6.4.2 (c)	Are vessels and containers tightly sealed?	/			
Chapter 6.4.2 (d)	Are used containers cleaned before being reused?			/	
Chapter 6.4.2 (e)	Are multiple wastes packed separately according to type and composition?			/	
Chapter 6.4.2 (f)	Are there no liquids placed in a drum containing solid waste and marked SOLID WASTE or vice versa?			/	
Chapter 6.4.2 (g)	Are wastes in small containers compatible with each other packed in larger over pack container?			/	
	Are there absorbents packed with the over pack container?			/	



Chapter 6.4.2 (h)	Are wastes in aerosol cans, compressed gases, and pressurized liquids packaged separately from other wastes?			/	
	Are waste aerosol cans packed in containers that are less than or equal to 20 liters?			/	
Chapter 6.4.2 (i)	Are concentrated acids, bases, and other similar wastes placed back in their original glass containers and placed in their original foam packaging?			/	
	Are acid solutions with < pH 3 placed in containers of larger than 20 liters and are packaged in stainless steel drums?				

### III-C. Labeling Requirements

Chapter 6.2	Are the vessels, containers, tanks, and containment buildings comply with the labeling requirements?	/			
Chapter 6.2.1(a)	Are the labels within the required minimum size (20cm / 30 cm) or readable five (5) meters away?	/			
Chapter 6.2.1(b)	Are the colors of the label ( <i>yellow for the background and black for letters</i> ) conspicuously marked in paint or other permanent form of marking?	/			
Chapter 6.2.1(c)	Are the materials of the labels scratch proof and resistant to tampering and weathering?	/			
Chapter 6.2.1(d)	Does the label follow the basic form?	/			
Chapter 6.2.1(e)	Are the labels accompanied by a placard corresponding to the characteristics of wastes contained in the vessel, container, tank or containment building?	/			
Chapter 6.2.2	Are the labels attached to the side of the vessel, container, or tank?	/			
Chapter 6.3	Are the vessels, containers, tanks, and containment buildings comply with the placarding requirements?	/			
Chapter 6.3.1(a)	Are placards within the minimum size 10 cm x10 cm for vessels, containers, and tanks or readable from five (5) meters away?	/			
Chapter 6.3.1(b)	Are placards for waste transporting vehicles within the minimum size of 30 cm x 30 cm or readable from 10 meters away?			/	FOR Transporter
Chapter 6.3.1(c)	Are the placards square and rotated 45 degrees to form a diamond?	/			
Chapter 6.3.1(d)	Do the placards have a parallel line on each of the four sides drawn to form an inner diamond 95% of the outer diamond?	/			
Chapter 6.3.1(e)	Do the colors of the placard follow the colors specified according to the Class of hazardous waste?	/			
Chapter 6.3.2	Are the placards attached to the side of the vessel, container, or tank?	/			

### III-D. Waste Transport/ Treatment Requirements

Chapter 3.5(3)	Does the establishment avail the services of waste transporters and TSD facilities that are duly registered by EMB Central Office?	/			Avails the services of Unified Hazwaste Expert, Inc. as their Transporter and Total Organic Environmental Solution, Inc. as their Treater
	Are the permits of such transporters and TSD facilities valid within the period that the wastes are being transported and treated, stored or disposed of?	/			
Chapter 3.5(4)	Does the establishment comply with online hazardous waste manifest system in transporting hazardous waste for offsite treatment, storage, and disposal?	/			
Chapter 3.5(5)	Does the establishment ensure that treatment/disposal is completed?	/			With Certificate of Treatment
<b>IV. EMERGENCY CONTINGENCY REQUIREMENTS:</b>					
Chapter 3.7/ Chapter 8	Has the establishment submitted an Emergency Contingency Plan to EMB?	/			
Chapter 3.3(g)/ Chapter 8	Does the Emergency Contingency Plan include:				
Chapter 8.2.1	Emergency Response Organizational Structure (including member of the organization and their responsibilities)?	/			
Chapter 8.2.2	List of potential emergency scenarios?	/			
Chapter 8.2.3	Specific procedure for responding to spills or chemical releases?	/			
Chapter 8.2.4	Schedule and conduct of drills?	/			
Chapter 8.4	Does the establishment have records of all response activities?	/			
	Does the establishment submit Incident Reports to DENR?	/			
Chapter 8.5	Does the establishment update the Contingency Program based on changes in process operations, use of new chemicals and/or generation of new hazardous waste, change in emergency response organizational structure, actual release of chemicals, and/or significant change in response procedure?			/	No updates have been made / reported to the office
Chapter 3.5(2)	Does the establishment have a Spill Response Plan that includes:				
	Immediate reporting to EMB-DENR?	/			
	Securing/ containing of the affected area?	/			
	Cleaning up of spilled or leaked hazardous waste?	/			

V. TRAINING REQUIREMENTS					
Chapter 9	Does the establishment train staff and personnel on:		/		Fire Drill conducted on March 2019
Chapter 9(a)	Hazardous Waste Management?		/		
Chapter 9(b)	Contingency Plan?		/		
Chapter 9(c)	Compliance Monitoring Procedures?		/		
Chapter 8.3	Emergency Response Organization?		/		
	Does the establishment include specific trainings for the members of the Emergency Response Organization?		/		

1. HAZARDOUS WASTE MANIFEST SYSTEM :					
Chapter 7.1	Does the establishment use a manifest form from the EMB Regional Office having jurisdiction over it?	/			
	Does the establishment complete in duplicate required portions for waste generators?	/			
	Does the establishment give a copy of the Spill Response Plan and the 2 <sup>nd</sup> to 6 <sup>th</sup> copies of the manifest to the recognized waste transporter?	/			
	Does the establishment retain and store the 1 <sup>st</sup> copy of the manifest by the Regional Office having jurisdiction over the location of the waste generator?	/			
	Does the generator confirm the designated waste treater's acceptance of the hazardous waste by receiving 4 <sup>th</sup> copy of the manifest from the designated waste treater?	/			
	Does the generator confirm the designated waste treater's completion of recycling, reprocessing, treatment, or disposal of the hazardous waste by receiving a certification of completion issued by the designated waste treater with a photocopy of the 6 <sup>th</sup> copy of the manifest attached?	/			
	Hazardous Waste Record (Online)			/	Online Manifest System not yet applicable
	Has the generator paid the corresponding fees upon receipt of notification via email (get a copy of OR)?			/	
	Does the generator have the copy of Notice of Acceptance from the EMB-RO notifying the approval of their application?			/	

**Basic Information:**

The Ranada General Hospital is a Level I DOH Accredited Healthcare facility with 20 bed capacity.

Services: Consultation, Laboratory, X-ray, Minor Surgery, Pharmacy, Delivery, Dental, Dietary, Laundry

No. of Employees: 31

Permit to Operate Air: *on going application*

Wastewater Discharge Permit: *on going application*

ECC: ECC-RO1-1712-0057 issued on 15 May 2018

Disposal Method of HW: Avails the services of Unified Hazwaste Expert, Inc. as their Transporter and Total Organic Environmental Solution, Inc. as their Treater.

**Summary of Non-compliance (NC):**

1. No proof of implementation of Personnel Training Plan on Hazardous Waste Management, Contingency Plan, Compliance Monitoring Procedures

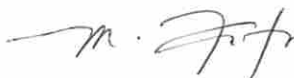
**Recommendations:**

To issue Letter of Deficiency to address abovementioned non-compliances

**List of Documents Reviewed:**

Previous Monitoring Report  
Manifest  
SMR

*Report prepared by:*



**MERCEDES J. ACOSTA**  
EMS I

*Reviewed by:*



**MAUREEN S. MALAZO**  
OIC, Hazardous Wastes and Chemical  
Management Section

*Recommending Approval:*



**ENGR. ANTONIO L. ESTRADA**  
Chief, Environmental Management and  
Monitoring Division

*Approved by:*



**ENGR. MARIA DORICA NAZ-HIPE, CESE**  
Regional Director



Department of Environment and Natural Resources  
ENVIRONMENTAL MANAGEMENT BUREAU RO1  
Office of the Regional Director

**MONITORING REPORT**



**EMED-2019-8-50**



**PHOTO DOCUMENTATION of the MONITORING CONDUCTED**  
**RANADA GENERAL HOSPITAL**  
**Balintawak, Laoag City, Ilocos Norte**  
**25 July 2019**



Façade of the facility



Hazardous Waste Storage Area



Hazwaste containers with labels and placards





Floor impermeable to liquid



Fire extinguisher nearest to the HWSF



Emergency Room disposal area



Laboratory disposal area



Nurse's Station



Permit postings