



Reliance
Industries Limited

Date: 1st April 2019

Ref. No. : RIL/KKD/OHC-BMW/APPCB/2019-04

To

The Environmental Engineer
A. P. Pollution Control Board,
Regional Office,
2-532, Shanthi Nagar,
Ramanayyapet, Kakinada-5

Sub: Biomedical waste Annual returns under Bio-Medical Waste Management Rules, 2016

Ref: BMW Authorization No.: HCE-TLR-03/PCB/RO-KKD/BMWA/2018-1179 Dt. 29.09.2018

Dear Sir,

In compliance with Bio-Medical Waste Management Rules, 2016, we are herewith furnishing the annual returns pertaining to our Occupational Health Centre, Onshore Terminal, Gadimoga (V), Tallarevu (M), E.G. District, in form IV for the period from 1st Jan 2018 to 31st Dec 2018.

Thanking you,

Yours sincerely
for Reliance Industries Limited


Authorized Signatory



CC: Member Secretary-APPCB

Petroleum E & P

Plant : Onshore Terminal Site, Gadimoga Village & Post, Tallarevu Mandal, East Godavari District - 533 463.

Phone : +91-884-2979 100, Fax : +91-884-2977 434.

Vakalapudi Office : Supplybase Complex, C-51 Yard, Plot No. 9, Road No. 8, APIIC, IDA Park, Vakalapudi, Kakinada - 533 005.

Phone : +91-884-2974 101, Fax : +91-884-2974 201.

Form - IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or Common Bio-medical Waste Treatment Facility (CBWTF)]

Reporting Period: January 2018 to December 2018

Sl. No.	Particulars	:	:
1.	Particulars of the Occupier :	:	
	(i) Name of the authorized person (occupier or operator of facility)	:	Dr.K N V SRIRAM
	(ii) Name of HCF or CBMWTF	:	Occupational Health Center – KG D6
	(iii) Address for Correspondence	:	Onshore Terminal, Infra Area, Reliance Industries Limited, Gadimoga, Tallarevu mandal East Godavari district Andhra Pradesh - 533463
	(iv) Address of Facility	:	Occupational Health Center, Onshore Terminal, Infra Area, Reliance Industries Limited, Gadimoga, Tallarevu mandal East Godavari district Andhra Pradesh - 533463
	(v) Tel. No, Fax. No	:	0884-6677079
	(vi) E-mail ID	:	knv.sriram@ril.com
	(vii) URL of Website	:	www.ril.com
	(viii) GPS coordinates of HCF or CBMWTF	:	16° 44' 52" N 82° 17' 56" E
	ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other)
	x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	HCE-TLR-03/PCB/RO-KKD/BMWA/2018-1179 Dt. 29.09.2018 valid up to 30.09.2023
(xi). Status of Consents under Water Act and Air Act	:	Valid up to: Not Applicable (part of Onshore Terminal)	
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 10 (Occupational Health Center)
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Not Applicable
	(iii) License number and its date of expiry	:	Not Applicable
3	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	Not Applicable
	(ii) No of beds covered by CBMWTF	:	Not Applicable
	(iii) Installed treatment and disposal capacity of CBMWTF	:	___ Kg per day. Not Applicable
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	___ Kg per day. Not Applicable

4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category : 40.64 Kg/Annum		
		Red Category : 39.86 Kg/Annum		
		White: 4.56 Kg/Annum		
		Blue Category : 3.53 Kg/Annum		
		General Solid waste: Nil		
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility			
(i) Details of the on-site storage Facility disposal facilities	Size : Not Applicable			
	Capacity : Not applicable			
	Provision of on-site storage: (cold storage or any other provision) Not applicable			
	Type of treatment equipment	No of Units	Capacity (Kg/day)	Quantity treated or disposed in kg per annum
	Incinerators	Not Applicable		
	Plasma Pyrolysis			
	Autoclaves			
	Microwave			
	Hydroclave			
	Shredder			
	Needle tip cutter or destroyer			
	Sharps encapsulation or concrete pit			
Deep burial pits				
Chemical disinfection				
Any other treatment equipment				
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.		Not Applicable		
(iv) No of vehicles used for collection and transportation of biomedical waste		Not Applicable		
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Not Applicable		
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		EVB Technologies R.S. No 560, Kanavaram, Pallakadium Village, Rajānagaram Mandal, East Godavari District.		
(vii) List of member HCF not handed over bio-medical waste.		Not Applicable		
6.	Do you have bio-medical waste Management committee? If yes, attach minutes of the meetings held during the reporting period		Yes. The minutes of Bio-medical waste management committee meeting are enclosed.	
7.	Details trainings conducted on BMW			
	(i) Number of trainings conducted on BMW Management.		02	
	(ii) number of personnel trained		20	
	(iii) number of personnel trained at the time of induction		Waste management is part of the general induction which is being given to all the employees.	

	(iv) number of personnel not undergone any training so far	Nil
	(v) Whether standard manual for Training is available?	Specific training on Biomedical waste management is given using the Standard operating procedures
	(vi) any other information)	-
8.	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	Nil
	(ii) Number of the persons affected	Nil
	(iii) Remedial Action taken (Please attach details if any)	Not Applicable
	(iv) Any Fatality occurred, details.	Nil
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	Not Applicable
	Details of Continuous online emission monitoring systems installed	Not Applicable
10.	Liquid waste generated and treatment Methods in place. How many times you have not met the standards in a year?	Not applicable
11.	Is the disinfection method or sterilization meeting the log 4 Standards? How many times you have not met the standards in a year?	Not applicable
12.	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator). Not applicable

Certified that the above report is for the period from 1st January 2018 to 31st December 2018.

Name and Signature of the Head of the Institution

K.N.V. Sriram
01/04/19

Dr. K.N.V. SRIRAM
Regd.No. 83170 MBBS;AFIH;CCEBDM
Senior Medical Officer
Reliance Industries Limited.
Gadimoga, KAKINADA.

Date: 01.04.2019

Place: Gadimoga.

Meeting Agenda	Review of BMW management at RIL-Gadimoga OHC
Venue	Occupational Health Centre
Date	03.08.2018
Time	13:00 hrs. – 15:00 hrs.

Sr.No	Name of the Attendees
1	Dr. Dilip Pendyala
2	Dr. K N V Sriram
3	Dr. Y J Swaroop
5	Mr. V Suresh
6	Mr. L P Narasimha
7	Ms. M Saritha
8	Ms. G Siva Krishna

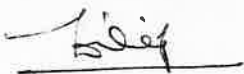
Agenda:

1. Introduction on BMW management committee
2. Compliance with Bio Medical Waste Management Rules, 2016
3. Biomedical waste generation & disposal status
4. Immunization of Health staff
5. Training details
6. Bar code system for containers/bags

Minutes of Meeting

S. No	Item description	Responsibility	Target Date
1.	Established a site level committee to review and monitor the activities related to bio-medical waste management.	-	For info
2.	The cross functional committee shall meet once in 6 months to review the status	Chief Medical Officer	Every 6 months
3.	Bio-medical waste is segregated into containers or bags at the point of generation in accordance with Schedule I prior to its storage, transportation, treatment and disposal.	-	For info
4.	Discussed about the provision made for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in rules.	-	For info
5.	Reviewed transportation of bio-medical waste from the premises to authorized bio-medical waste treatment facility	-	For info
6.	Discussed about the pretreatment of laboratory waste such as microbiological waste and blood & urine samples through disinfection.	-	For info
7.	2. No. of Trainings conducted on Biomedical waste management to all the health care workers during the year.	-	For info
8.	All the health care workers involved in handling of bio medical waste are vaccinated against Hepatitis B and Tetanus.	-	For info
9.	As per BMW rules 2016, Non chlorinated bags are being used for collection of Bio medical waste. However, usage of non-chlorinated gloves shall be initiated.	Chief Medical Officer	Closed
10.	Review occupational safety of health care workers involved in handling of bio-medical waste and adequacy of personal protective equipment.	Chief Medical Officer	Closed
11.	Bar-Code system for bags and containers containing Bio medical waste shall be initiated.	Chief Medical Officer	15 th Mar'19
12.	Display of monthly bio-medical waste record on company's website according to the bio-medical waste generated in terms of category and colour coding as specified in schedule-1scussed the statistics of Biomedical waste generated.	Chief Medical Officer	15 th Mar'19

Prepared By



Dilip Pendyala