



An ISO 9001 : 2015  
14001 : 2015  
45001 : 2018  
55001 : 2014  
Certified Company

## Petronet LNG Limited

Survey No. 347, Puthuvypu P.O.  
Kochi - 682 508, Kerala, India.  
Tel: +91- 484 - 2757302 Fax: +91- 484-2502264  
www.petronetlng.in  
CIN L74899DL1998PLC093073  
PAN: AAACP8148D. GST: 32AAACP8148D1ZP

PLL/KOCHI/KSPCB/2024-25/08

21/06/2024

To,

THE MEMBER SECRETARY,  
Kerala Pollution Control Board (KSPCB),  
Pattom P. O.  
Thiruvananthapuram – 695004,  
Kerala.

Subject: Submission of Bio Medical Waste-Annual Report (Form – IV) & Accident reporting form (Form I)

Dear Sir / Madam,

Kindly find enclosed the Bio medical waste-Annual report in Form IV and accident reporting form in Form I (Nil reporting), for the period 01.01.2023 to 31.12.2023 as per Bio Medical wastes Management Rules, 2016.

Thanking you

Sincerely,

Upinder Kumar

Chief General Manager & Vice President (Plant Head)



Enclosure: Form IV & Form I

Copy: Environment Engineer, Kerala State Pollution Control Board, District Office – Gandhinagar, Ernakulam, Kochi – 682020.

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### Registered & Corporate Office:

World Trade Centre, First Floor, Barbar Road,  
Barakhamba Lane, New Delhi - 110 001 (INDIA)  
Tel: +91-11-23411411 / 23472525 Fax: +91 -11-23472550

### Dahej LNG Terminal:

GIDC Industrial Estate, Plot No. 7/A, Dahej Taluka:  
Vagra Dist. Bharuch - 392130 (Gujarat)  
Tel: +91-2641-257249 Fax: +91- 2641-257252

**Form IV (See rule 13)**  
**ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> 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)]

Sl. No	Particulars	
<b>1.</b>	<b>Particulars of the Occupier</b>	
	(i) Name of the authorized person (occupier or operator of facility)	: Mr. Pramod Narang (Director – Technical)
	(ii) Name of HCF or CBMWTF	: Occupational Health Center of Petronet LNG Ltd.
	(iii) Address for Correspondence	: Petronet LNG Ltd, Survey No 347, Puthuvypu PO, Kochi, Ernakulam, 0484-2502259/64
	(iv) Address of Facility	: Petronet LNG Ltd, Survey No 347, Puthuvypu PO, Kochi, Ernakulam, 0484-2502259/64
	(v) Tel. No, Fax. No	: 0484-2502264
	(vi) E-mail ID	: upinderkumar@petronetlng.in
	(vii) URL of Website	: WWW.PETRONETLNG.COM
	(viii) GPS coordinates of HCF or CBMWTF	: Latitude : 9°58'55' N Longitude : 76°13'43' E
	(ix) Ownership of HCF or CBMWTF	: Public Limited
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No.: PCB/HO/EKM-1/ICO-R/16/2023 Valid up to: 31/03/2028
(xi). Status of Consents under Water Act and Air Act	: Valid up to: 31/03/2028	
<b>2.</b>	<b>Type of Health Care Facility</b>	
	(i) Bedded Hospital	<b>Not Applicable</b>
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	<b>Occupational Health Center (OHC)</b>

	(iii) License number and its date of expiry	<b>PCB/HO/EKM-1/ICO-R/16/2023</b> <b>Valid up to: 31/03/2028</b>
3.	Details of CBMWTF	: IMAGE / IMA, KSB, Behind Gramalakshmi Mudralayam, Manthuruthi, Kanjikkode west, Palakkad - 678 623, Tel. No.:0491 2570470, Email: imageimaksbtvm@gmail.com Admin: Office: IMAGE, IMA State Headquarters, Anayara PO, Thiruvananthapuram Ph. 0471-274 2211, 274 1188
	(i) Number healthcare facilities covered by CBMWTF	: 18916
	(ii) No of beds covered by CBMWTF	: 101809
	(iii) Installed treatment and disposal capacity of CBMWTF:	: 55800 Kg per day
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	: 51520 Kg per day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Red Category: 4.63 kg/year
		Yellow Category: 0.46Kg/year (Soiled Waste)
		Yellow Category: 0.553Kg/year (Discarded Medicine)
		White Category: 0.012 Kg/Year
		Blue Category: 0.021Kg/year
		General Solid wastes -Nil
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility	
	(i) Details of the on-site storage facility	Size: We have five Nos. of Bio-medical waste Storage bins of Size:(43cm X 33cm X 29cm) -2 Nos (Yellow), (34cm X 25 cm X 27 cm) -1 No (White), (36cm X 28cm X 28cm)- 1 No (Red) & (17cm, 14 cm, 15 cm) – 1 No (Blue), as per colour code specified in Bio Medical (M&H) Rules, 2016.
		Capacity: Total storage capacity of each bin:13L
	Provision of on –site storage: We have five Nos. of Bio-medical waste bins.	

		Type of treatment equipment: Not Applicable																																																
	(ii) disposal facilities	<table border="1"> <thead> <tr> <th>Type of treatment equipment</th> <th>No of units</th> <th>Capacity Kg/ day</th> <th>Quantity Treated or disposed in kg per annum (kg/year)</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Autoclaves</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Microwave</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Hydroclave</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Shredder</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Sharps (bottles) Encapsulation or concrete pit</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Deep burial pits (Needle)</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Chemical disinfection</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/ day	Quantity Treated or disposed in kg per annum (kg/year)	Incinerators	Nil	Nil		Plasma Pyrolysis	Nil	Nil		Autoclaves	Nil	Nil		Microwave	Nil	Nil		Hydroclave	Nil	Nil		Shredder	Nil	Nil		Needle tip cutter or destroyer	Nil	Nil		Sharps (bottles) Encapsulation or concrete pit	Nil	Nil		Deep burial pits (Needle)	Nil	Nil		Chemical disinfection	Nil	Nil		Any other treatment equipment:	Nil	Nil	
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Any other treatment equipment:	Nil	Nil																																																
	(iii) Quantity of recyclable wastes sold to authorize recyclers after treatment in kg per annum.	: Not applicable. The Biomedical Waste generated from this HCE is collected, transported to the CBWTF, treated & disposed of by the IMAGE - CBWTF.																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste	: Not applicable. The Biomedical Waste generated from this HCE is collected, transported to the CBWTF, treated & disposed of by the IMAGE - CBWTF.																																																
	(v) Details of incineration ash and ETP: sludge generated and disposed during the treatment of wastes in Kg per annum	: Not applicable. The Biomedical Waste generated from this HCE is collected, transported to the CBWTF, treated & disposed of by the IMAGE - CBWTF.																																																
	(vi) Name of the Common Bio- Medical: Waste Treatment Facility Operator through which wastes are disposed of	: IMAGE CBWTF (Indian Medical Association Goes Eco-friendly) Manthuruthi, Kanjikode West, Palakkad – 678623																																																
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	: NA																																																
7	Details trainings conducted on BMW	: Yes																																																

	(i) Number of trainings conducted on BMW Management.	: <b>One</b>
	(ii) Number of personnel trained	: <b>4</b>
	(iii) Number of personnel trained at the time of induction	: <b>4</b>
	(iv) Number of personnel not undergone any training so far	: <b>NIL</b>
	(v) Whether standard manual for training is available?	: <b>Yes</b>
	(vi) any other information)	: <b>NIL</b>
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	: <b>NIL</b>
	(ii) Number of the persons affected	: <b>NIL</b>
	(iii) Remedial Action taken (Please attach details if any)	: <b>NIL</b>
	(iv) Any Fatality occurred, details.	: <b>NIL</b>
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	: <b>Not Applicable</b>
	Details of Continuous online emission monitoring systems installed	: <b>Not Applicable</b>
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	: <b>Not Applicable</b>

11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	: <b>Not Applicable</b>
12	Any other relevant information  (Air Pollution Control Devices attached with the Incinerator)	Not applicable. The Biomedical Waste generated from this HCE is collected, transported to the CBWTF, treated & disposed of by the IMAGE - CBWTF.

Certified that the above report is for the period from 01.01.2023 to 31.12.2023.

*[Handwritten Signature]*  
Name and Signature of the Head of the Institution

Date: 21.06.2024

Place: Ernakulam

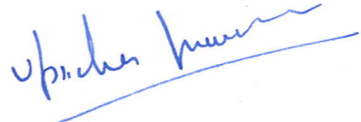


**FORM – I**  
**[ (See rule 4(o), 5(i) and 15 (2)) ]**

**ACCIDENT REPORTING**

1. Date and time of accident: Accidents not happened in the year 2023.
2. Type of Accident: Not Applicable
3. Sequence of events leading to accident: Not Applicable
4. Has the Authority been informed immediately: Not Applicable
5. The type of waste involved in accident: Not Applicable
6. Assessment of the effects of the accidents on human health and the environment: Not Applicable
7. Emergency measures taken: All the required control measures are implemented for handling any kind of emergencies arising out of Bio medical wastes handling.
8. Steps taken to alleviate the effects of accidents: Not Applicable
9. Steps taken to prevent the recurrence of such an accident: Not Applicable
10. Does your facility has an Emergency Control policy? If yes give details:  
Yes, Emergency Response and Disaster Management Plan (ERDMP) is in place for handling emergencies.

Date: 21/06/2024

Signature: 

Place: Kochi

Name & Designation: Upinder Kumar

CGM&VP (Plant Head)

