

HMI-WELLNESS -10 -2024

14-03-2024

To

The District Environmental Engineer,

Tamil Nadu Pollution Control Board

Plot no: CP-5B, SIPCOT

Oragadam - 602 105,

Kanchipuram District.

Sir,

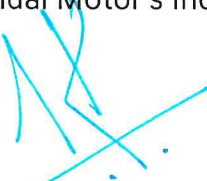
SUB: M/s Hyundai Motor's India Limited -Submission of Annual report &
Nil Accident reporting, regarding disposal of Bio medical waste.

We are enclosing herewith Form IV of Annual report and Form I of Accident
reporting, regarding disposal of bio medical waste for the year 2023 (From Jan 23 to
Dec 23), The receipt of this letter may kindly be acknowledged.

Thanking you

Yours faithfully

For Hyundai Motor's India Limited



Dr. Kumaran T
Domain Head - Wellness.
Occupational Health Centre
Hyundai Motor's India Limited.

Dr. T. KUMARAN
Head of Wellness
HYUNDAI MOTOR INDIA LIMITED
Irrungattukottai, Sriperumbudur (TQ)
Kancheepuram District - 602 117



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)]

Sl.No.	Particulars	
1	Particulars of the Occupier	
	(i) Name of the authorized person (occupier or : operator of facility)	: Mr.Gopalakrishnan (Chief Manufacturing Officer)
	(ii) Name of HCF or CBMWT	: Hyundai Motor India Ltd (HCF)
	(iii) Address for Correspondence	: Plot No : H -1 ,Sipcot Industrial park
	(iv) Address of Facility	: Irrungattukottai
	(v)Tel. No, Fax. No	: -
	(vi) E-mail ID	: 274195@hmil.net
	(vi) URL of Website	: -
	(viii) GPS coordinates of HCF or CBMWTF	: -
	(ix) Ownership of HCF or CBMWTF	: (State Government or Private or Semi Govt.or any other)
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	: Authorization No.: <u>23BAC51457618</u> Valid up to: <u>31.03.2028</u>
(xi). Status of Consents under Water Act and Air Act	: Valid up to: 31.03.2028	
2	Type of Health Care Facility :	: Occupational Health Centre I & II
	(i) Bedded Hospital	: No. of Beds: <u>06</u>
	(ii) Non-bedded hospital Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: -
	(iii) License number and its date of expiry	: -
3	Details of CBMWTF	: NA
	(i) Number of health care facilities covered by CBMWTF	: NA
	(ii) No. of Beds covered by CBMWTF	: NA
	(iii) Installed treatment and disposal capacity of CBMWTF;	: <u>NA</u> Kg / day
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	: <u>NA</u> Kg / day
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)	: Yellow Category: 77.50 kg
		: Red Category: 62.60 kg
		: White: 13.0 kg
		: Blue Category: 18.50 kg
		: General Solid Waste: -
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility	
	(i) Details of the on-site storage	: Size: 45 X 45cm bin

facility	: Capacity : 25 Liters x 12 Nos Provision of on-site storage : (Cold storage or any other provision) Under room temperature																																																						
(ii) Disposal facilities	<table border="1"> <thead> <tr> <th data-bbox="730 389 1070 479">Type of treatment equipment</th> <th data-bbox="1070 389 1203 479">No of Units</th> <th data-bbox="1203 389 1410 479">Capacity Kg/day</th> <th data-bbox="1410 241 1536 479">Quantity Treated or disposed in Kg per annum</th> </tr> </thead> <tbody> <tr> <td data-bbox="730 479 1070 539">Incinerators</td> <td data-bbox="1070 479 1203 539"></td> <td data-bbox="1203 479 1410 539"></td> <td data-bbox="1410 479 1536 539"></td> </tr> <tr> <td data-bbox="730 539 1070 600">Plasma</td> <td data-bbox="1070 539 1203 600"></td> <td data-bbox="1203 539 1410 600"></td> <td data-bbox="1410 539 1536 600"></td> </tr> <tr> <td data-bbox="730 600 1070 660">Pyrolysis</td> <td data-bbox="1070 600 1203 660"></td> <td data-bbox="1203 600 1410 660"></td> <td data-bbox="1410 600 1536 660"></td> </tr> <tr> <td data-bbox="730 660 1070 721">Autoclaves</td> <td data-bbox="1070 660 1203 721"></td> <td data-bbox="1203 660 1410 721"></td> <td data-bbox="1410 660 1536 721"></td> </tr> <tr> <td data-bbox="730 721 1070 781">Microwave</td> <td data-bbox="1070 721 1203 781"></td> <td data-bbox="1203 721 1410 781"></td> <td data-bbox="1410 721 1536 781"></td> </tr> <tr> <td data-bbox="730 781 1070 842">Hydroclave</td> <td data-bbox="1070 781 1203 842"></td> <td data-bbox="1203 781 1410 842"></td> <td data-bbox="1410 781 1536 842"></td> </tr> <tr> <td data-bbox="730 842 1070 902">Shredder</td> <td data-bbox="1070 842 1203 902">2</td> <td data-bbox="1203 842 1410 902" rowspan="2">0.04 kg</td> <td data-bbox="1410 842 1536 902" rowspan="2">13.0 kg</td> </tr> <tr> <td data-bbox="730 902 1070 992">Needle tip cutter or destroyer</td> <td data-bbox="1070 902 1203 992">2</td> </tr> <tr> <td data-bbox="730 992 1070 1052">Sharps</td> <td data-bbox="1070 992 1203 1052"></td> <td data-bbox="1203 992 1410 1052"></td> <td data-bbox="1410 992 1536 1052"></td> </tr> <tr> <td data-bbox="730 1052 1070 1142">Encapsulation or concrete pit</td> <td data-bbox="1070 1052 1203 1142"></td> <td data-bbox="1203 1052 1410 1142"></td> <td data-bbox="1410 1052 1536 1142"></td> </tr> <tr> <td data-bbox="730 1142 1070 1202">Deep burial pits</td> <td data-bbox="1070 1142 1203 1202"></td> <td data-bbox="1203 1142 1410 1202"></td> <td data-bbox="1410 1142 1536 1202"></td> </tr> <tr> <td data-bbox="730 1202 1070 1263">Chemical disinfection:</td> <td data-bbox="1070 1202 1203 1263"></td> <td data-bbox="1203 1202 1410 1263"></td> <td data-bbox="1410 1202 1536 1263"></td> </tr> <tr> <td data-bbox="730 1263 1070 1357">Any other treatment equipment:</td> <td data-bbox="1070 1263 1203 1357"></td> <td data-bbox="1203 1263 1410 1357"></td> <td data-bbox="1410 1263 1536 1357"></td> </tr> </tbody> </table>	Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in Kg per annum	Incinerators				Plasma				Pyrolysis				Autoclaves				Microwave				Hydroclave				Shredder	2	0.04 kg	13.0 kg	Needle tip cutter or destroyer	2	Sharps				Encapsulation or concrete pit				Deep burial pits				Chemical disinfection:				Any other treatment equipment:			
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(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum	: Red Category (like plastic, glass, etc.) 62.60 Kg																																																						
(iv) No. of Vehicles used for collection and transportation of biomedical waste	: NA																																																						
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	<table border="1"> <thead> <tr> <th data-bbox="730 1576 922 1637">NA</th> <th data-bbox="922 1576 1203 1637">Quantity Generated</th> <th data-bbox="1203 1576 1536 1637">Where disposed</th> </tr> </thead> <tbody> <tr> <td data-bbox="730 1637 922 1697">Incineration</td> <td data-bbox="922 1637 1203 1697"></td> <td data-bbox="1203 1637 1536 1697"></td> </tr> <tr> <td data-bbox="730 1697 922 1758">Ash</td> <td data-bbox="922 1697 1203 1758"></td> <td data-bbox="1203 1697 1536 1758"></td> </tr> <tr> <td data-bbox="730 1758 922 1818">ETP Sludge</td> <td data-bbox="922 1758 1203 1818"></td> <td data-bbox="1203 1758 1536 1818"></td> </tr> </tbody> </table>	NA	Quantity Generated	Where disposed	Incineration			Ash			ETP Sludge																																												
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(vi) Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of	: RE Sustainability IWM Solutions Limited (Formerly known as Tamilnadu Waste Management Ltd)																																																						
(vii) List of member HCF not handed over bio-medical waste.	: NA																																																						
6 Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	: Yes, (MOM - Enclosed)																																																						

	Details trainings conducted on BMW		
7	(i) Number of trainings conducted on BMW Management	:	Once per year
	(ii) Number of personnel trained	:	46
	(iii) Number of personnel trained at the time of induction	:	46
	(iv) Number of personnel not undergone any training so far	:	Nil
	(v) Whether standard manual for training is available?	:	Yes
	Details of the accident occurred during the year		
8	(i) Number of Accidents occurred	:	Nil
	(ii) Number of persons affected	:	Nil
	(iii) Remedial Action taken (Please attach details if any)	:	Nil
	(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?	:	NA
	Details of Continuous online emission monitoring systems installed	:	NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	NA
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	As per Standard followed & Complied
12	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator) - NA

Certified that the above report is for the period from

January 2023 to December 2023



Date: 14.03.2024
Place: Irrungattukottai



Name and Signature of the Head of the Institution

Dr. T. KUMARAN
Head of Wellness
HYUNDAI MOTOR INDIA LIMITED
Irrungattukottai, Sriperumbudur (TQ)
Kancheepuram District - 602 117


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

- | | | |
|--|---|----------|
| 1. Date and time of accident | : | |
| 2. Type of Accident | : | |
| 3. Sequence of events leading to accident | : | |
| 4. Has the Authority of been informed immediately | : | NIL |
| 5. The type of waste involved in accident | : | Accident |
| 6. Assessment of the effects of the accident on human health and the environment | : | |
| 7. Emergency measures taken | : | |
| 8. Steps taken to alleviate the effects of accidents | : | |
| 9. Steps taken to prevent the recurrence of such an accident | : | |
| 10. Does your facility has Emergency Control policy? If yes, give details | : | |

Date : 14.03.2024



Place : Irrungattukottai

Signature : 

Dr. T. KUMARAN
Head of Wellness
HYUNDAI MOTOR INDIA LIMITED
Irrungattukottai, Srirambudur (TQ)
Kancheepuram District - 602 117

Designation :

Meeting Minutes

Topic	Legal Compliance Review Committee Meeting		Purpose
Team	Loss Prevention, U & S, ER, HR, C & C, Wellness, Maint.		Info Sharing Coordination Opinion Sharing Problem Solving Other
Place	Date	Time	
Safety Conference Hall	31.05.2023	14 30 - 15 00 hrs	

Participants

R. Saravanan Engneer
 Ravi Varan P. Engneer
 Y. Srinivasan wellnes
 Dr. P. Chandrasekaran wellnes
 P. Bhavathi Lakshmi - PT maint
 M. Sankar - M. Jnt PT maint
 M. Srinivasan - HR
 P. Kumaradhas - P/T maint 2
 R. Rajesh - P/T maint 2
 S. M. Prasad - ER
 Venkatesan. R. - Law Enforcement
 Copinath. SB. - IP.

Meeting Content

1. First aid box exemption obtained for 2 years. next due 7.5.2025 Ref: wellnes
2. medical examination has been conducted as per schedule.
3. LNH pipeline testing done & Commissioning approval obtained from PESO.
4. Bio medical waste Consent not yet received. Continuous follow up to be done with TAPCO. Ref: wellnes & U.S.
5. Licenses / Certificate Status
 - * Air & water Content renewed. next due:- Phase 1-12: Mar/2024 / Phase 3: Mar 2023
 - * Public liability insurance policy renewed. next due: Mar 2024
 - * Boiler (T6132) license renewed next due: Apr 2024
6. DUE
 - * Sanitary Certificate to be renewed in July 2023.
7. Lifting tackles & equipment has been tested as per plan. Certificate verification shall be done with actual conditions. Ref: MDC.
7. CEIG inspection completed. Report yet to be received. Ref: U.S.

Meeting Minutes

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Place	Date	Time	
Safety Conference Hall	31.05.2023	14 30 - 15 00 hrs	

Participants

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Meeting Content

8. Amendment:

- * Central motor vehicle Rules 2023. (G.S.N. 537(C) Apr 2023)
- fire alarm & protection System for School buses

9. Pressure Vessel:

- * ET 2nd half 2022 Certificate received from JDIAH
- * 2023 1st & 2nd half ET fees paid. Inspection done by JDIAH for ET 1st half in May 2023. Certificate yet to be received. Follow up to be done. Resp: Loss Prevention
- * PV UT due in Sep 2023. process to be started.

10. Form 18 submitted for Mr. Anbu, TUS, CL. Incident happened on 05.05.23 in container yard. He is under treatment in CMC hospital as out patient. Form 18B to be sent next week. Resp: ER.

11. Legal Audit: (i) Last 5 yrs Government Points Compliance checked. observation a) wheel stops not available in few number trolleys Resp: MMC/MD

- b) manual aid to be made Resp: Loss Prevention
 (ii) License conditions checked. observation nil.

12. Plan approval to be obtained for new constructions like mtr shed, SS work shed, etc, Resp: ER/CAC

13. Onsite emergency plan revision planned for LWH & pipeline. Resp: Loss Prevention.

Meeting Minutes

Topic	Legal Compliance Review Committee Meeting		Purpose
Team	Loss Prevention, U & S, ER, HR, C & C, Wellness, Maint.		Info Sharing Coordination Opinion Sharing Problem Solving Other
Place	Date	Time	
Loss Prevention Conference Hall	11.10.2023	14 30 - 15 00 hrs	

Participants

- | | |
|------------------------|---------------------------|
| 1. SANKAR. G - LP | 7. POOPANDIAN - ER |
| 2. GOPINATH. PB - KP | 8. JAFER - HA. |
| 3. VENKATESAN - LP | 9. SARAVANAN - WELLNESS |
| 4. SELVAMANI - PMaint | 10. KARGHIEYAN - MAINT |
| 5. KUMARAGANI - PMaint | 11. BALASUBRAMANIAM - U&S |
| 6. SRINIVASAN - C&C | 12. BALAMURUGAN - U&S |

Meeting Content

- 1) Sanitary Certificate of Bio medical waste Content renewed.
- 2) Form 18B closed for Anbu, CL (TWS), of ED support. MDC-140days. Form 18 submitted for Sivaraj, next of MMTI of Mohan Kumar Das (CS) of MMTI 2.
- 3) periodic medical examinations has been going on per schedule.
- 4) Plan approval applied for Body 1 machine, Assy machine, MMTI shed, BS work shop, firmment shop, BSA site, etc. Approval will be received next week.
- 5) If any machine/building/layout modification/addition/deletion communication to be given to ER planning team. Resp.: User teams.
- 6) Pressure vessel ET 1st Unit Certificate yet to be received from IDISH. Continuous followed to be done. Resp.: Loss Prevention.
- 7) Pressure vessel US 2023 done for 120 vessels a certificate received.

8) CEH Inspection report received a points to be completed. Resp.: U&S.

Meeting Minutes

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Place	Date	Time	
Loss Prevention Conference Hall	11.10.2023	14 30 - 15 00 hrs	

Participants

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Meeting Content

- 9) Contractor R.C. will be applied next week for new contractors. Resp: HRM
- 10) Amendments:-
 - Hazardous + other waste management rules - GSR 500(E)
 - E waste management rules GSR 534(E)
 - Tamil Nadu motor vehicle rules G.O. Ms. No. 344.
 Respective incharges are requested to update the legal register accordingly. Resp: User team.
- 11) Knowledge sharing given on Site Appraisal Committee (SAC) & Notice of Accident to Government. to legal committee members.
- 12) License & certificate renewals:-
 - Liquid CO2 (photo), RISHA, Liquid nitrogen & boiler license renewal.
 - propane license yet to be received. - Resp: U&S.
 Due: (Oct - Dec '23)
 Assy Tank Farm, Boiler Tank Farm, Solvent license, Hazardous waste authorization, Weigh bridge, etc, Resp: U&S.
- 13) Public liability insurance due in next April only.
- 14) Lifting tackles testing has been going as per schedule. PR issue solved with vendor.