

HMI-WELLNESS -08-2022

23-01-2023

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 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 2022 (From Jan 22
to Dec 22), The receipt of this letter may kindly be acknowledged.

Thanking you

Yours faithfully

For Hyundai Motor India Limited



Dr. Kumaran T
Chief Medical Officer.
Occupational Health Centre
Hyundai Motor India Limited.

DR. T. KUMARAN
Chief Medical Officer
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 C S (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.: 19BAC9661603 Valid up to: 31.03.2023 |
| | (xi). Status of Consents under Water Act and Air Act | : Valid up to: 31.03.2023 |
| 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: 94.64 kg |
| | | : Red Category: 94.71 kg |
| | | : White: 30.3 kg |
| | | : Blue Category: 29.65 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 Colour coded 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 | | | | | |
| | | | 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 | 0.083 kg | 30.3 kg |
| | | : | Needle tip cutter or destroyer | 2 | | |
| | | | 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 | : | Red Category (like plastic, glass, etc.) 94.71 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 | : | NA | Quantity Generated | Where disposed | |
| | | | Incineration | | | |
| | | | Ash | | | |
| | | | ETP Sludge | | | |
| | (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 Tamilndau 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) | | | |

| | | | |
|----|---|---|--|
| 7 | Details trainings conducted on BMW | | |
| | (i) Number of trainings conducted on BMW Management | : | One per year |
| | (ii) Number of personnel trained | : | 45 |
| | (iii) Number of personnel trained at the time of induction | : | 45 |
| | (iv) Number of personnel not undergone any training so far | : | Nil |
| | (v) Whether standard manual for training is available? | : | Yes |
| 8 | Details of the accident occurred during the year | | |
| | (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 2022 to December 2022

DR. T. KUMARAN
Chief Medical Officer
HYUNDAI MOTOR INDIA LIMITED
Irrungattukottai, Sriperumbudur (TQ)
Kancheepuram District - 602 117



Date: 23.01.2023

Place: Irrungattukottai

Name and Signature of the Head of the Institution

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 :
5. The type of waste involved in accident :
6. Assessment of the effects of the accidents 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 :

**NIL
ACCIDENT**

Date : 23.01.2023

Place : Irrungattukottai



Signature : 

DR. T. KUMARAN
Chief Medical Officer
HYUNDAI MOTOR INDIA LIMITED
Irrungattukottai, Sriperumbudur (TQ),
Kanchi District - 602 117

Legal Compliance Review Committee Meeting Minutes

| | | | | | | | |
|---|--|---|--|---|--|-------------------------------------|------------------------|
| Date : 04.04.2022 | | Video Conference Time : 14:30 ~ 15:00 hrs. | | Mode: WebEx | | Coordination : Loss Prevention | |
| Participants : | | | | | | | |
| Mr. S. Premkumar HOD - Loss Prevention | | Mr. Gopinath P B Loss Prevention | | Mr. Ranganathan M P/Car 1 Maintenance | | Mr. Rajesh R P/Car 2 Maintenance | |
| Mr. Subramaniam U & S | | Mr. Poopandian ER Planning | | Mr. Srinivasan C & C | | Mr. Venkatesan R Loss Prevention | |
| Mr. Sheik Jaffer Ali HRM | | Mr. Kumaradhas PT Maintenance 2 | | Mr. Manikandan P V Business Services (P) | | Mr. Saravanan Wellness | |
| S. N | Meeting Minutes | | | | | | Resp |
| 1 | • ADISH inspected our premises on 20.01.2022. Reply sent to inspection report | | | | | | Loss Prevention |
| 2 | • Site Appraisal Committee meeting attended on 09.02.2022. Query received with 17 points. Reply prepared waiting for Management approval. | | | | | | Loss Prevention |
| 3 | License, Approvals / Certificate Renewal: <ul style="list-style-type: none"> 2021: Pressure vessel ET for 2nd Half & UT 150 vessels Certificate received. ETM 1, R & D and Petrol Bunk Tank Farm license renewed in Dec'2021 Solvent License obtained for Paint 1, 2, Propane & Furnace oil in Feb'2022 Weigh bridge stamping done in Dec'2021 License applied for Boilers Public liability insurance applied - Policy yet to be received Fire license renewed Sanitary certificate to be obtained First aid box exemption applied with DISH. Waiting for exemption Pressure vessel fees payment to JDISH will be done next week and discussed with JDISH for external examination Stability certificate to be updated based on change in plan approval | | | | | | Concern team |
| 4 | Amendments: <ul style="list-style-type: none"> FSSAI Regulations amended in Dec 2021 (Reg.: 2.1.1 & 2.1.8) – Not applicable to us Gas Cylinder Rule amended in Jan 2022 (Rule 6: Electronic marking like Bar code, RFID, to be pasted on cylinder for non toxic & non flammable gas cylinders) ESI Rules amended in Mar 2022 (Rule 55 is not applicable to us) | | | | | | Concern team |
| 5 | Legal Compliance Audit: <ul style="list-style-type: none"> Lifting equipment audit done in Feb'22. Improvements: 20 No's Findings: Identification, SWL mismatch with certificate, Due date display, etc., Focus needed on identification of lifting equipment & tackles. | | | | | | M & C |
| 6 | • LNG Skid facility visited at M/s MFL to benchmark the safety systems for LNG project. Safety requirements for project given to LNG TFT. | | | | | | Loss Prevention |
| 7 | • Plan approval applied for Paint 1 expansion. | | | | | | ER |
| 8 | • Union Safety committee not conducted due to LTS issues. ER shall convince them to attend the safety committee meeting | | | | | | ER |
| 9 | • Biomedical waste disposal not done once in 2 days. Vendor changing process under progress. It shall be completed & BMW to be disposed as per legal requirement | | | | | | Wellness |
| 10 | • Periodical Medical examination (PME) not conducted as per schedule due to Covid 19 Pandemic. PME shall be started | | | | | | Wellness |

Meeting Minutes

| | | | |
|----------------------------------|---|-------------------|---|
| Topic | Legal Compliance Review Committee Meeting | | Purpose |
| Team | Safety, U & S, ER, HR, C & C, Wellness, Maint. & CA | | Info Sharing Coordination Opinion Sharing Problem Solving Other |
| Place | Date | Time | |
| Safety Office Conference hall | 12.07.2022 | 15 00 ~ 16 00 hrs | |

Participants

- | | | |
|--------------------------|--------------------------------|-----------------------|
| 1. Premkumar.s - LP | 7. Balasubramanian - U&S | 13. Saravanan - U&S |
| 2. Gopinath.PB - LP | 8. Muneer - U&S | 14. Subramanian - U&S |
| 3. Srinivasan.m - C&C | 9. Venkatesan - LP | 15. Gopi.v - LP |
| 4. Poopandian - ER | 10. Manikandan - BS(C) | |
| 5. Rajesh - Maint | 11. Dr. Harapathyan - Wellness | |
| 6. Selvamani.AK - PMaint | 12. Jaffer - HRM-CMO | |

Meeting Content

- License / Approvals / Certificate Renewal status:-
 - * pressure vessel
 - External Examination done by JDSH in Apr 2022
 - Ultrasonic Testing for 100 vessels done in Jun 2022.
 - Waiting for Certificate from JDSH. Followup to be done. Resp: Loss Prevention
 - * public liability insurance policy obtained.
 - * Paint 1 expansion project plan approval obtained from JDSH.
 - * Boiler licenses received.
 - * Updated Stability Certificate obtained.

DUE: Tank Farm license due in Dec 2022 [Assy 1, FmL & Dynamic]. Resp: U&S.
- Medical Examinations:-

AS per the Certifying Surgeon instruction, PFT was replaced with Systemic Clinical examinations due to ongoing Covid 19 pandemic.

Based on that, periodical medical examination (PME) plan prepared & sent to all team.

Paint 1 & 2 - Completed in Jun 2022 for 1st batch.

PD 1d Foundry - Under progress.

Rest of the team will be done as per plan.

Meeting Minutes

| | | | |
|----------------------------------|---|-------------------|---|
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Participants

| | | |
|--|--|--|
| | | |
|--|--|--|

Meeting Content

3. Legal Compliance Audit:-

* Pressure Vessel Audit done in Apr 2022:

- Improvements - 6 nos.

- Focus needed:- pressure gauge dial range shall be 1.5 times higher than maximum working pressure.

- Communication to be given to Safety for installation) Removal & modification of vessels. Res: M&C / User team

* License Conditions Compliance Check:

- Improvements: 6 nos.

- Focus needed:- Propose bullet base structured on coating hose test certificate to be obtained as per GFR, 1950 Schedule xxxi

- Valve open/close direction marking not visible due to painting. It shall be corrected.

- Bio medical waste disposal once in 2 days. Res: Concerned team

4. Biomedical waste Disposal:-

Authorized vendor changed with the help of TNPCB + agreement under progress. now disposal has been doing once in 2 days since 07th July.

Meeting Minutes

| | | | | |
|----------------------------------|---|------------|-------------------|---|
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| Team | Safety, U & S, ER, HR, C & C, Wellness, Maint. & CA | | | |
| Place | | Date | Time | Info Sharing Coordination Opinion Sharing Problem Solving Other |
| Safety Office Conference hall | | 12.07.2022 | 15 00 ~ 16 00 hrs | |

Participants

| | | |
|--|--|--|
| | | |
|--|--|--|

Meeting Content

5. Amendments:-

- * Guidelines came for Biomedical waste handling during treating & testing of Covid affected Patients. - Not applicable to us.
- * Central motor vehicles Rules amended in Apr 2022
 - Rule:62 - Fitness Certificate of vehicle will be issued after testing in Automated testing station from 1st Apr 2023 for heavy vehicles from 1st Jun 2024 for medium vehicle. Resp:- BS(P).
- * Boiler Regulations amended in May 2022
 - Regulation 45: procedure for recognition of competent person for Boiler inspection. - Not applicable to us.

6. Legal updates:-

- Basic Salary shall be min 50% as per new code of wages (Draft)
- First aid training can be given through Skill development-Health department instead of St. John. (Draft)
- IS 3786 amended in May 2022: Following injuries added in Partial Disablement.
 - Guiltine amputation at tip of thumb without loss of bone
 - Loss of partial vision at ONE eye

7. Union Safety Committee meeting Conducted (LTS completed).

8. SAC given recommendation to Government for HMI approval.

Meeting Minutes

| | | | | |
|----------------------------------|---|------------|-------------------|---|
| Topic | Legal Compliance Review Committee Meeting | | | Purpose |
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| Safety Office Conference hall | | 12.07.2022 | 15 00 ~ 16 00 hrs | |

Participants

| | | |
|--|--|--|
| | | |
|--|--|--|

Meeting Content

9. Mutual Aid Agreement draft sent to neighbor industries. and waiting for their clearance to sign the MOU. Resp: Loss prevention
10. Sanitary Certificate applied & waiting for certificate. Resp: Wellness.
11. Safety requirements for shoring given to Paint 1 project.
12. Safety Standard for Committee meeting & pressure vessel prepared & it will be posted in airway this week. Resp: Loss prevention.
13. Legal opinion obtained for m/s Saveetha Hospital Tieup agreement. signing of agreement will be completed by this month end. Resp: Wellness
14. First aid box exemption not obtained from DISH. Continuous followup to be done. Resp: Wellness.