



Otsuka Otsuka Chemical (India) Pvt. Ltd.

Issued by dept. other than Human Resources

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OCIPL/F/2023-24/EC Compliance-GCLE/01

To,

02.05.2023

The Regional Director,

Ministry of Environment, Forest and Climate Change

Aranya Bhawan, Jhalana Doongri

Jaipur, (RAJ).

Subject: EC Compliance F.No. J-11011/241/2012-IA-II(I)
For the Period of **Oct-22 to Mar-23**

Sir,

Please find attached herewith compliance status of Environment Clearance No. J-11011/241/2012-IA-II(I) for your needful please.

Thanking you.

For Otsuka Chemical (India) Pvt . Ltd.


31/5/23
Dr. Kishore Kumar Khemani

Vice President


CC: Regional Office RSPCB, VKI Jaipur

Enclosures: As per attached List

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Environment Clearance Compliance status

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GCLE & Iohexol:- F.No. J-11011/241/2012-IA-II(I) : Oct-22 to Mar-23

| <p>1.</p> | <p>The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that proposal is for Expansion of Bulk Drug Manufacturing Unit at Village Keshwana Rajpoot, Tehsil Kotputli, District Jaipur, Rajasthan. Existing plot area is 88000 m² and proposed expansion will be carried out in the existing premises. It is reported that there are no eco-sensitive areas or forest or wildlife sanctuaries within the 10 Km distance. Cost of project is Rs.100 Crores (25 Crores for GCLE + 75 Crores for Iohexol). Expansion will be done in following two phases.</p> | <p>Production of both the phases has been commenced with respect to GCLE & Iohexol. CTO of both products have been obtained on 24/03/2022</p> | | |
|---|--|--|----------|--|
| <p style="text-align: center;">Detail</p> | | | | |
| <table border="1" style="width: 100%;"> <tr> <th style="width: 20%;">Existing</th> <th>Proposed</th> </tr> </table> | | Existing | Proposed | |
| Existing | Proposed | | | |
| <p>GCLE - 200 MTPA Cefditoren — 30 MTPA</p> | <p><i>Phase 1 (by the year 2017):</i> GCLE (4-Parametho benyle-3-chlormethy1-7-phenyl acetameto3-cephem-4-carboxilate)- from 200 to 450 MTPA; Production increase from existing 200 MTPA to 450 MTPA through (R&D based) yield improvement, reducing losses etc. <i>Phase 2 (by the year 2019):</i> GCLE — from 450 to 700 MTPA; Production increased from 450 MTPA to 700 MTPA through installation of new equipment like reactors, centrifuges, dryers, distillation system and also reducing batch time cycle etc. Iohexol - 250 MTPA</p> | | | |
| <p>2.</p> | <p>Bag filter will be provided to the coal/pet coke fired boiler to control particulate emissions within permissible limit.</p> <p>To control the SO₂ emission, limestone powder shall be feed along with pet coke in furnace bed as a sulfur capturing agent.</p> <p>Scrubber will be provided to process vents to control process emissions viz. HCl.</p> <p>Fresh water requirement from ground water source will be increased from 280m³/day to 800m³/day after expansion.</p> | <p>ESP has been installed and is used for controlling the particulate matter whose efficiency remains more than 90%. Refer attached Photograph as Annexure - 01.</p> <p>As per order of Honorable supreme court, we are using only coal from 1st Jan-18 instead of pet coke. As Indonesian/ steam coal have very low sulfur content so there is no need to use lime stone powder as a sulfur capturing agent.</p> <p>Scrubber has been installed in process vents to control emission viz Hcl. Refer attached Photograph as Annexure-01</p> <p>Agree.</p> | | |



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Industrial effluent generation will be increased from 66 m³/day to 128 m³/day after expansion.

Trade effluent should be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD should be passed through steam stripper followed by MEE and ATFD (agitated thin film drier).

Low TDS effluent stream should be treated in ETP and then passed through RO system. Condensate and recover water will be recycled/reused within factory premises.

Clear mother liquor of stripper containing dissolved residual solids and high boiling organic solvents will be sent to incinerator. 'Zero' effluent discharge should be adopted and no effluent will be discharged outside the premises.

ETP sludge and MEE salt will be sent to TSDF.

Spent oil will be sent to the authorized recycler/re-processors. DG set (1 x 1500 KVA) will be installed.

Agree.

Trade effluent segregation in High COD/TDS & Low COD/TDS has already been implemented in existing and expansion plant. High TDS/COD effluent is being treated through stripper followed by MEE and ATFD (agitated thin film drier).

Sampling done on **22-03-2023**

| Description | COD (ppm) | TSS (ppm) |
|-------------------------|-----------|-----------|
| ETP Inlet | 9200 | 112(TSS) |
| ETP Outlet (MVRE cond.) | 100 | 08 (TSS) |

As above, emission levels are below the stipulated standards. Annexure-02

Low TDS effluent is being treated in ETP followed by MVRE treatment. Condensate is being reuse in Cooling tower. EC amendment attached as **Annexure-03** to have MVRE instead of RO system.

We are maintaining zero liquid discharge Effluent Treatment & management system : **Refer attached Photograph as Annexure -01**

ETP sludge & Concentration or Evaporation residue (ATFD salt) is being sent to TSDF Udaipur for final disposal. Manifest details attached as **Annexure-04**

Used/ Spent oil is being sent to authorize recycler. Refer **recycler authorization Annexure no. 05.**

3. Public hearing as per Section 7 (i), III Stage (3), Para (i) (b) of EIA Notification 2006 as project is located in the notified industrial area.

The project is in RIICO industrial land, therefore public hearing not applicable.

4. All the synthetic organic chemicals industry (Bulk Drugs Manufacturing Unit) located inside the notified industrial area are listed at S.N. 5(f) under Category 'B'. However, due to applicability of general condition i.e. interstate boundary within 5 km (i.e. 4 Km Rajasthan-Haryana), project is treated as Category 'A' project and appraised at the Central level.

Noted & Agree

5. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 3rd, 34th, 40th and 46th meetings held during 3 — 5th December, 2012, 17th -19th February, 2015,



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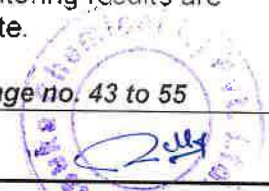
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| | 18th -19th May, 2015 and 20th — 21st August, 2015 respectively. Project Proponent and the EIA Consultant namely (M/s Asian Consulting Engineers Pvt. Ltd.) have presented EIA / EMP report as per the TOR. EAC has found the EIA Study / EMP Report to be adequate and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance. | Noted & Agree. |
| 6. | Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions: | Noted & Agree. |

A. Specific Condition

| | | |
|-----|--|--|
| I | National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit. | National Emission Standards are being followed and accordingly regular monitoring of ambient air, Incinerator & Boiler stack are being done on regular basis. Report is enclosed as per Annexure no.-06 |
| II | State Pollution Control Board shall grant consent to operate after ensuring that Company has started sending their evaporated salts to TSDF instead of mixing into fly ash and disposing through open landfill. | Concentration or Evaporation Residue (ATFD salt) of existing plant & expansion are being sent to TSDF Udaipur and manifest Details is attached as Annexure-04 for ready reference. |
| III | <p>Bag filter shall be provided to the coal/pet coke fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.</p> <p>To control the SO₂ emission, limestone powder shall be feed along with pet coke in furnace bed as a sulphur capturing agent.</p> | <p>ESP has been installed to control the particulate emission.</p> <p>As per order of Honorable supreme court, we are using only coal from 1st Jan-18 instead of pet coke. As Indonesian/ steam coal have very low sulfur content so there is no need to use lime stone powder as a sulfur capturing agent.</p> |
| IV | Scrubber should be provided to process vents to control process emissions viz. HCl. The scrubbing media should be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber should be monitored regularly and maintained properly. At no time, the emission levels should go beyond the prescribed standards. | Alkali scrubbers have been installed with an appropriate stack height to control emissions & water from these scrubbers is being sent to ETP for further treatment. Refer attached Photograph as Annexure: 01 |
| V | Ambient air quality data shall be collected as per NAAEQS standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th September, 2009. | Ambient air quality is being monitored on regular basis. Copy of same is enclosed as Annexure-07 |
| | The levels of PM _{2.5} , PM ₁₀ , SO ₂ , NO _x , VOC, CO and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of | Quarterly Environment Monitoring results are being displayed on main gate. VOC monitoring reports – page no. 43 to 55 |



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| | <p>the company and at important public places.</p> <p>The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the Rajasthan State Pollution Control Board (RSPCB).</p> | <p>Noted and agree.</p> <p>The Environment monitoring report is already being sent to RSPCB.</p> |
| VI | <p>In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. Odor management plan shall be implemented. The emissions shall conform to the limits stipulated by the RSPCB.</p> | <p>In order to control fugitive emissions materials/chemicals are handled in close system.</p> <p>Suitable dust control arrangements are provided in powder process areas.</p> <p>All emissions are within stipulated limits of RSPCB.</p> |
| VII | <p>For further control of fugitive emissions, following steps shall be followed :</p> <ol style="list-style-type: none">1. Closed handling system shall be provided for chemicals.2. Reflux condenser shall be provided over reactor.3. System of leak detection and repair of pump/pipeline based on preventive maintenance.4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.5. Cathodic protection shall be provided to the underground solvent storage tanks. | <ol style="list-style-type: none">1. Yes, closed handling system for chemicals i.e. storage tank pumps and pipelines with day storage tank exits.2. Yes condenser is available on each reactor.3. Preventive maintenance schedule for all the equipments are implemented for addressing the issues of leakages & repairs.4. Complying with.5. No underground solvent storage tank. |
| VIII | <p>The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.</p> | <p>Adequate stack height is provided for all the DG sets with acoustic enclosure.</p> <p>Refer DG noise reports as Annexure-08</p> |
| IX | <p>Solvent management shall be carried out as follows:</p> <ol style="list-style-type: none">1. Reactor shall be connected to chilled brine condenser system.2. Reactor and solvent handling pump shall | <p>Reactors condensers are connected with necessary cooling arrangement like Brine chilling, cooling water etc.</p> <p>Pumps with mechanical seal are installed to prevent the leakages.</p> |



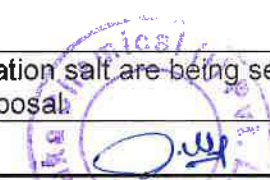
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| | <p>have mechanical seals to prevent leakages.</p> <p>3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</p> <p>4. Solvents shall be stored in a separate space specified with all safety measures.</p> <p>5. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p> <p>7. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p> | <p>For effective recovery efficient condensers have been installed to achieve more than 95% solvent recovery.</p> <p>Solvent are stored separately as per PESO norms.</p> <p>Proper earthing has been provided to all equipments and regular inspections are done to maintain continuity.</p> <p>All electrical fitting are flame proof in all flammable areas /Zone. Breather valve are placed at solvent storage tank.</p> <p>Solvent storage tanks have been provided with suitable safety gadgets like flame arrestors, fire hydrant system etc.</p> |
| X | Total fresh water requirement from ground water source shall not exceed 800 M ³ /day and prior permission shall be obtained from the CGWA/ SGWA. | Complying with. |
| XI | <p>Trade effluent should be segregated into High COD/ TDS and Low COD/TDS effluent streams. High TDS/COD should be passed through steam stripper followed by MEE and ATFD (agitated thin film drier).</p> <p>Low TDS effluent stream should be treated in ETP and then passed through RO system. Condensate and recover water will be recycled/ reused within factory premises. Clear mother liquor of stripper containing dissolved residual solids and high boiling organic solvents will be sent to incinerator</p> | <p>Trade effluent segregation in High COD/TDS & Low COD/TDS has already been implemented in existing and expansion plant. High TDS/COD effluent is being treated through steam stripper followed by MEE and ATFD (agitated thin film drier).</p> <p>Low TDS effluent is being treated in ETP followed by MVRE treatment. Condensate is being reuse in Cooling tower. EC amendment attached as Annexure -03 to have MVRE instead of RO system.</p> |
| XII | Zero effluent discharge should be adopted and no effluent will be discharged outside the premises. | Noted & Agree. No effluent is being discharged outside the factory. Effluent is being treated and recycled to DM plant and cooling tower. |
| XIII | Automatic /online monitoring system (24x7 monitoring devices) for flow measurement and relevant pollutants in the treatment system in waste water and air quality monitoring to be installed. The data to be made available to the rocpoctivo SPCB and in the Company's website | <p>Automatic /online monitoring system (24*7 monitoring devices) for flow measurement and pH, COD , BOD , TSS in the effluent treatment have been installed and connected with CPCB / RSPCB servers.</p> <p>Refer Annexure-09 for installed online monitoring system.</p> |
| XIV | Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arrestors shall be provided on tank farm. Solvent transfer shall be by pumps. | Hazardous chemical is stored in tank farm and flame arrestors are installed at storage tanks. |
| XV | As proposed, process organic residue and spent | ETP sludge and evaporation salt are being sent to TSDF Udaipur for disposal. |



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| | carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry. | Regarding disposal of process organic residue and spent carbon to cement industry: MoEF omitted the condition due to following reason also refer Annexure-04. a. Process organics residue / distillation residue is being incinerated in-house liquid incinerator. b. There is no generation of spent carbon in the factory. |
| XVI | The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from RSPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency. | Hazardous waste authorization copy enclosed for ready reference as Annexure-10. Letter of permanent membership of TSDF Udaipur attached herewith as Annexure-11 |
| XVII | The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989. | Complying with. |
| XVIII | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms. | Complying with. MCP layout attached as Annexure-12 |
| XIX | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. | Complying with. Copy of record enclosed as Annexure-13 |
| XX | Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided. | Complying with. |
| XXI | Sufficient funds (2.5 % of project cost) shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs specially arrangement for supplying potable water to the fluoride affected nearby villages and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program shall be ensured accordingly in a time bound manner. | a. Environment conservation- Horticulture expenses, procurement of new tree/ plants & maintenance b. Potable water of low fluoride content has been supplied in close vicinity. c. Recharge structure/ Ponds maintenance & cleaning work. A total of Rs. 20.1 lac has been incurred on above activity. Photograph attached as Annexure-14 |
| XXII | As proposed, green belt over 29040 m ² area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward | 29040 M ² has already being developed. Photo graph attached as Annexure-15 |



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| | direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO. | |
| XIII | Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the, construction wastes shall be managed so that there is no impact on the surrounding environment. | Construction activity had been completed |

B. General condition

| | | |
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| I | The project authorities shall strictly adhere to the stipulations made by the State Government and Rajasthan State Pollution Control Board (RSPCB). | Noted & agree. |
| II | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any. | Noted & agree. |
| III | The locations of ambient air quality monitoring stations shall be decided in consultation with the RSPCB and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated. | Ambient air monitoring has been done as per RSPCB Guideline. Refer Annexure-07 |
| IV | The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). | Noise monitoring has been done as per RSPCB consultation. Refer Annexure-16 |
| V | The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the groundwater and use the same water for the process activities of the project to conserve fresh water | Roof-tops of the buildings and storm water will be collected in reservoir and same will be reused for industrial purpose. This is in reference to new guideline of CGWA & EC, modification work of existing recharge structure is u/ progress. |
| VI | During transfer of materials, spillages shall be | |



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| | avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains. | Complying with. |
| VII | Usage of Personnel Protection Equipments by all employees/ workers shall be ensured. | PPEs are used by employee/ labor. Annexure-17 |
| VIII | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted | Training is being regularly imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical examinations for all employees are being done on regular basis, total 29 training season has been organized during Apr-22 to Sep-22, Record enclosed as Annexure-18 |
| IX | The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented | Complying with. |
| X | The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area. | Refer Annexure no.14 |
| XI | The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment | Complying with. |
| XII | A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions | Environmental Management Cell is in place. |
| XIII | The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose. | Complying with. |
| XIV | A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. | Complied with and informed to MoEF office. |
| XV | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF& CC, the respective Zonal Office of CPCB and the | Complying with. |



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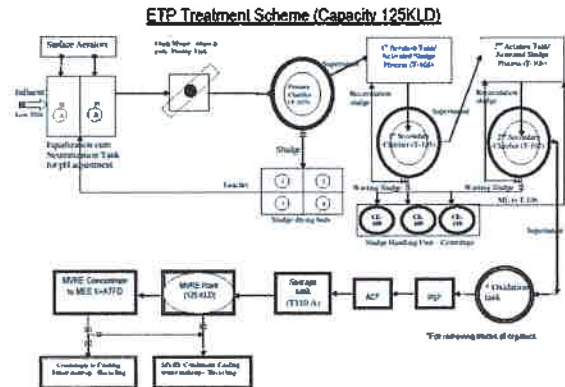
| | | |
|-------|---|---|
| | Rajasthan State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company | |
| XVI | The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Rajasthan State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional Offices of MoEF& CC by e-mail. | Complying with. Refer Annexure-19 |
| XVII | The project proponent shall inform the public that project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at www.moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry. | Published in local news paper and submitted to your office Dec-15 |
| XVIII | The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project | Project financial closer Dec-19 Date of start of project July-16 |
| XIX | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory | Complying with. |
| XX | The ministry reserve the right to stipulate additional condition, if found necessary. The company in a time bound manner will implement these conditions. | Noted & Agree. |
| XXI | The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules | Noted & Agree. |



We (OCIPL) have a well developed waste water management system to meet the desire limits and norms of pollution control board, with existing facility of ETP, MEE-I, MVRE, MEE-II & ATFD & Incinerator. The salient features are discussed below.

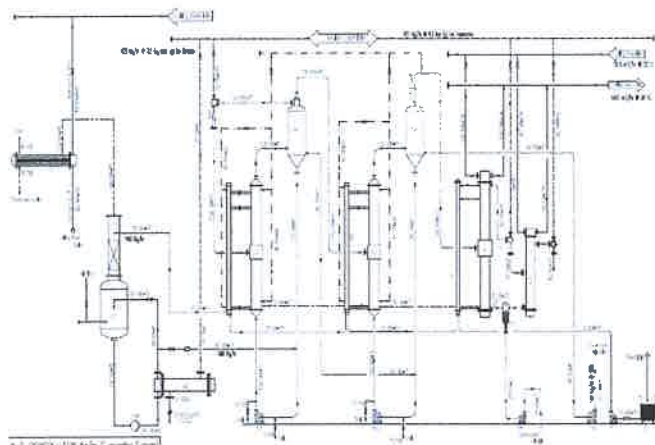
- Separation & segregation of effluent, generating from the process
 - High TDS Effluent
 - Low TDS Effluent
 - Organic Solvent residue

Effluent Treatment Plant (ETP)

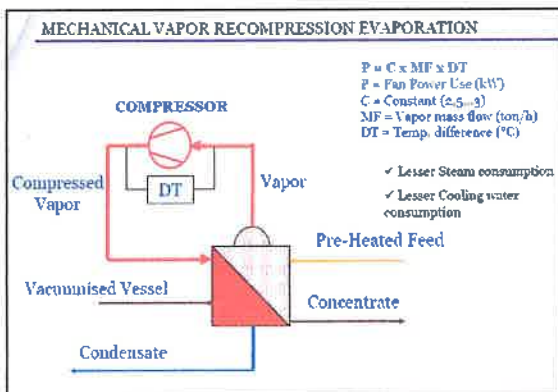


Effluent Treatment Plant is required to treat the liquid waste of an industry. Company has 125 KLD capacity of ETP to treat Low Total Dissolved Solid effluent coming for process.

Multi Effect Evaporator (MEE-I with stripper)

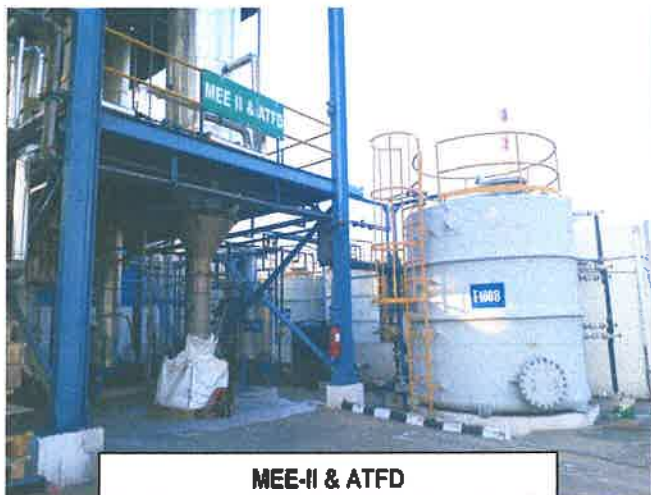


MVRE (Mechanical Vapour Recompression Evaporator)

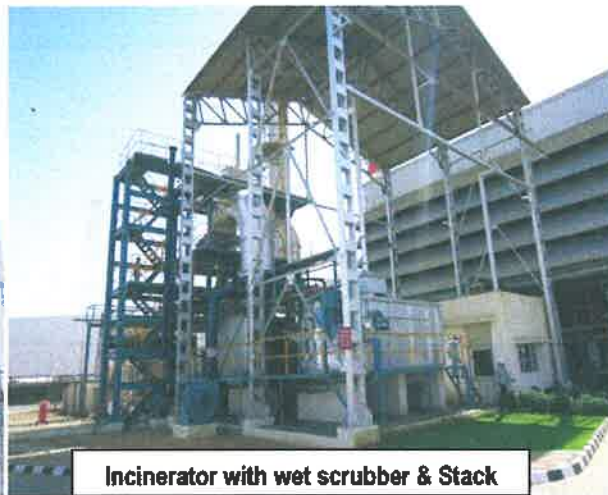


MEE-II & ATFD & Incinerator

Solid Liquid separation – Zero Liquid discharge (ZLD)



MEE-II & ATFD



Incinerator with wet scrubber & Stack

Sewage treatment plant (STP)



Boiler Stack with ESP



Boiler stack with ESP

Scrubbers



Scrubber System for chlorine



Scrubber System -Process





DG Stack



SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPIJRA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140HR120113PTC042216



TC-6960

MULTIACC RECOGNIZED LABORATORY vide S.O.
5749(E) Dated 13.11.2019 Valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO 14001:2015 CERTIFIED LABORATORY
ISO 45001:2018 CERTIFIED LABORATORY


| | |
|--|----------------------------------|
| Sample ID No.: SCS/WW/20230322/33 | Date of Registration: 22.03.2023 |
| Report No. SCS/OCIPL/WW/20230322/33(1/2) | Date of Report: 31.03.2023 |

TEST REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Sample Receipt : 22.03.2023
Date of start of testing : 23.03.2023
Date of end of testing : 31.03.2023
Details of Sample : ETP Inlet Water
Sample sent by : Industry Representative

| Parameter | Results | Norms as Per EP Act | Protocol |
|---|--------------|---------------------|--|
| Total Suspended Solids | 112 Mg/L | - | APHA (23rd Edition) 2540 D |
| Oil & Grease | 15.1 Mg/L | - | APHA (23rd Edition) 5520 B |
| BOD ₅ Days at 27°C | 4,050 Mg/L | - | IS 3025 (Part 44) |
| Arsenic as As | < 0.002 Mg/L | - | APHA (23rd Edition) 3114B |
| Mercury as Hg | < 0.001 Mg/L | - | APHA (23rd Edition) 3112B |
| Lead as Pb | < 0.01 Mg/L | - | APHA (23rd Edition) 3111B |
| Chromium Hexavalent as Cr ⁺⁶ | < 0.01 Mg/L | - | APHA (23rd Edition) 3500 B |
| Copper as Cu | 0.8 Mg/L | - | APHA (23rd Edition) 3111B |
| Zinc as Zn | 0.20 Mg/L | - | APHA (23rd Edition) 3111B |
| Sulphide as S | < 0.5 Mg/L | - | APHA (23rd Edition) 4500 S ² F |
| Phenolic Compounds | < 0.01 Mg/L | - | APHA (23rd Edition) 5530 C |
| Ammonical Nitrogen as N | < 0.1 Mg/L | - | APHA (23rd Edition) 4500 NH ₃ C |
| Cyanide | < 0.2 Mg/L | - | APHA (23rd Edition) 4500 CN C&E |
| Total Chromium as Cr | < 0.01 Mg/L | - | APHA (23rd Edition) 3111 B |
| COD | 9,200 Mg/L | - | APHA (23rd Edition) 5220 B |
| pH | 8.27 | - | APHA (23rd Edition) 4500 H |
| Phosphate as P | 10.11 Mg/L | - | APHA (23rd Edition) 4500P-C |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



- The results refer only to the tested sample and applicable parameters.
- This report in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report cannot be reproduced without the written permission of the director.
- The sample will be destroyed after 15 days from the date of issue of the test report.
- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to Jaipur jurisdiction.





7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

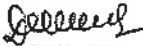
| | |
|--|----------------------------------|
| Sample ID No.: SCS/WW/20230322/33 | Date of Registration: 22.03.2023 |
| Report No. SCS/OCIPL/WW/20230322/33(2/2) | Date of Report: 31.03.2023 |

TEST REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Sample Receipt : 22.03.2023
Date of start of testing : 23.03.2023
Date of end of testing : 31.03.2023
Details of Sample : ETP Inlet Water
Sample sent by : Industry Representative

| Parameter | Results | Norms as Per EP Act | Protocol |
|--------------------|-------------|---------------------|----------------------------|
| Methylene Chloride | 3.4 Mg/L | - | APHA (23rd Edition) 6200 C |
| Benzene | < 0.05 Mg/L | - | APHA (23rd Edition) 6200 C |
| Xylene | < 0.1 Mg/L | - | APHA (23rd Edition) 6200 C |
| Chlorobenzene | < 0.1 Mg/L | - | APHA (23rd Edition) 6200 C |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216



TC-6960

MOEF&CC RECOGNIZED LABORATORY vide S.O.
3780(E) Dated 14.11.2016 valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO 11843:2016 MULTIPLE LABORATORY
ISO 15001:2015 CERTIFIED LABORATORY


| | |
|--|----------------------------------|
| Sample ID No.: SCS/WW/20230322/34 | Date of Registration: 22.03.2023 |
| Report No. SCS/OCIPL/WW/20230322/34(1/2) | Date of Report: 31.03.2023 |

TEST REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Sample Receipt : 22.03.2023
Date of start of testing : 23.03.2023
Date of end of testing : 31.03.2023
Details of Sample : ETP Water (MVRE Condensate Water)
Sample sent by : Industry Representative

| Parameter | Results | Norms as Per EP Act | Protocol |
|---|-------------|-------------------------|--|
| Total Suspended Solids | 8 Mg/L | Not to exceed 100 Mg/L | APHA (23rd Edition) 2540 D |
| Oil & Grease | < 5 Mg/L | Not to exceed 10 Mg/L | APHA (23rd Edition) 5520 B |
| BOD _{3Days at 27°C} | 12 Mg/L | Not to exceed 30 Mg/L | IS 3025 (Part 44) |
| Arsenic as As | < 0.002 | Not to exceed 0.2 Mg/L | APHA (23rd Edition) 3114B |
| Mercury as Hg | < 0.001 | Not to exceed 0.01 Mg/L | APHA (23rd Edition) 3112B |
| Lead as Pb | < 0.01 | Not to exceed 0.1 Mg/L | APHA (23rd Edition) 3111B |
| Chromium Hexavalant as Cr ¹⁶ | < 0.01 Mg/L | Not to exceed 0.1 Mg/L | APHA (23rd Edition) 3500 B |
| Copper as Cu | < 0.01 | Not to exceed 3.0 Mg/L | APHA (23rd Edition) 3111B |
| Zinc as Zn | < 0.01 | Not to exceed 5.0 Mg/L | APHA (23rd Edition) 3111B |
| Sulphide as S | < 0.5 Mg/L | Not to exceed 2 Mg/L | APHA (23rd Edition) 4500 S ² F |
| Phenolic Compounds | < 0.01 Mg/L | Not to exceed 1 Mg/L | APHA (23rd Edition) 5530 C |
| Ammonical Nitrogen as N | < 0.1 Mg/L | Not to exceed 50 Mg/L | APHA (23rd Edition) 4500 NH ₃ C |
| Cyanide | < 0.2 Mg/L | Not to exceed 0.2 Mg/L | APHA (23rd Edition) 4500 CN C&E |
| Total Chromium as Cr | < 0.01 Mg/L | Not to exceed 2 Mg/L | APHA (23rd Edition) 3111 B |
| COD | 100 Mg/L | Not to exceed 250 Mg/L | APHA (23rd Edition) 5220 B |
| pH | 6.93 | 6.0 to 8.5 | APHA (23rd Edition) 4500 H |
| Phosphate as P | < 0.50 Mg/L | Not to exceed 5 Mg/L | APHA (23rd Edition) 4500P-C |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

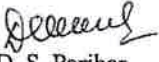
| | |
|---|----------------------------------|
| Sample ID No.: SCS/WW/20230322/34 | Date of Registration: 22.03.2023 |
| Report No. SCS/OC IPL/WW/20230322/34(2/2) | Date of Report: 31.03.2023 |

TEST REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Sample Receipt : 22.03.2023
Date of start of testing : 23.03.2023
Date of end of testing : 31.03.2023
Details of Sample : ETP Water (MVRE Condensate Water)
Sample sent by : Industry Representative

| Parameter | Results | Norms as Per EP Act | Protocol |
|--------------------|--|---|----------------------------|
| Methylene Chloride | < 0.5 Mg/L | 0.9 Mg/L | APHA (23rd Edition) 6200 C |
| Benzene | < 0.05 Mg/L | 0.1 Mg/L | APHA (23rd Edition) 6200 C |
| Xylene | < 0.1 Mg/L | 0.12 Mg/L | APHA (23rd Edition) 6200 C |
| Chlorobenzene | < 0.1 Mg/L | 0.2 Mg/L | APHA (23rd Edition) 6200 C |
| Bio Assay Test | 100 % of survival of fish after 48 hours in 100 % effluent | 90 % of survival of fish after 48 hours in 100 % effluent | IS 6582 (Part 2) |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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F. No. J-11011/241/2012- IA II (I)
Government of India
Ministry of Environment, Forest & Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Allganj, Jorbagh Road,
New Delhi -110003

E-mail: jk.bokolia@nic.in
Telefax: 011-24695313
Dated 10th December, 2015

To,
Shri Arun Malhotra, Director
M/s Otsuka Chemicals (India) Pvt. Ltd.
416, JMD Pacific Square, Sec-15, part-2
NH-8, Gurgaon Haryana - 122001

E-mail: drarunmalhotra@otsukaindia.com Fax No. 0124-4597980

Subject: Expansion of Bulk Drug Manufacturing Unit at Village Keshwana Rajpoot, Tehsil Kotputli, District Jaipur, Rajasthan by M/s Otsuka Chemicals (India) Pvt. Ltd.- Environmental Clearance reg.

Ref. : Your letter no. nil dated 29th August, 2014.

Sir,

This has reference to your letter dated 29th August, 2014 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report alongwith Public Hearing Report regarding above mentioned project and subsequent submission of additional information vide letter dated 8th April, 2015 and 6th July, 2015.

2.0 The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that proposal is for Expansion of Bulk Drug Manufacturing Unit at Village Keshwana Rajpoot, Tehsil Kotputli, District Jaipur, Rajasthan. Existing plot area is 88000 m² and proposed expansion will be carried out in the existing premises. It is reported that there are no eco-sensitive areas or forest or wildlife sanctuaries within the 10 Km distance. Cost of project is Rs.100 Crore (25 Crore for GCLE + 75 Crore for Iohexol). Expansion will be done in following two phases.

| Item | Detail | |
|---------------------|-----------------------------------|--|
| | Existing | Proposed |
| Production Capacity | GCLE - 200 MTP, Cefditoren - 30 M | <p>Phase 1 (by the year 2017): GCLE (4-Parametho benyle-3- chlormethyl-7-phenyl acetameto-3-cephem-4-carboxilate)- from 200 to 450 MTPA; Production increase from existing 200 MTPA to 450 MTPA through (R&D based) yield improvement, reducing losses etc.</p> <p>Phase 2 (by the year 2019): GCLE - from 350 to 700 MTPA; Production increased from 450 MTPA to 700 MTPA through installation of new equipment like reactors, centrifuges, dryers, distillation system and also reducing batch time cycle etc.</p> <p>Iohexol - 250 MTPA</p> |

3.0 Bag filter will be provided to the coal/pet coke fired boiler to control particulate emissions within permissible limit. To control the SO2 emission, limestone powder shall be feed alongwith pet coke in furnace bed as a sulfur capturing agent. Scrubber will be provided to process vents to control process emissions viz. HCl. Fresh water requirement from ground water source will be increased from 280 m³/day to 800 m³/day after expansion. Industrial effluent generation will be



increased from 66 m³/day to 128 m³/day after expansion. Trade effluent should be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD should be passed through steam stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream should be treated in ETP and then passed through RO system. Condensate and recover water will be recycled/ reused within factory premises. Clear mother liquor of stripper containing dissolved residual solids and high boiling organic solvents will be sent to incinerator. 'Zero' effluent discharge should be adopted and no effluent will be discharged outside the premises. ETP sludge and MEE salt will be sent to TSD. Spent oil will be sent to the authorized recycler/re-processors. DG set (1x 1500 KVA) will be installed.

4.0 Public hearing as per Section 7 (i), III Stage (3), Para (i) (b) of EIA Notification 2006 as project is located in the notified industrial area.

5.0 All the synthetic organic chemicals industry (Bulk Drugs Manufacturing Unit) located inside the notified industrial area are listed at S.N. 5(f) under Category 'B'. However, due to applicability of general condition i.e. interstate boundary within 5 km (i.e. 4 Km Rajasthan-Haryana), project is treated as Category 'A' project and appraised at the Central level.

6.0 The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 3rd, 34th, 40th and 46th meetings held during 3rd - 5th December, 2012, 17th -19th February, 2015, 18th -19th May, 2015 and 20th - 21st August, 2015 respectively. Project Proponent and the EIA Consultant namely (M/s Asian Consulting Engineers Pvt. Ltd.) have presented EIA / EMP report as per the TOR. EAC has found the EIA Study / EMP Report to be adequate and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions:

A. SPECIFIC CONDITIONS

- i) National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.
- ii) State Pollution Control Board shall grant consent to operate after ensuring that Company has started sending their evaporated salts to TSD instead of mixing into fly ash and disposing through open landfill.
- iii) Bag filter shall be provided to the coal/pet coke fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines. To control the SO₂ emission, limestone powder shall be feed alongwith pet coke in furnace bed as a sulphur capturing agent.
- iv) Scrubber should be provided to process vents to control process emissions viz. HCl. The scrubbing media should be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber should be monitored regularly and maintained properly. At no time, the emission levels should go beyond the prescribed standards.
- v) Ambient air quality data shall be collected as per NAAEQS standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th September, 2009. The levels of PM2.5, PM10, SO₂, NO_x, VOC, CO and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the Rajasthan State Pollution Control Board (RSPCB).



- vi) In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. Odour management plan shall be implemented. The emissions shall conform to the limits stipulated by the RSPCB.
- vii) For further control of fugitive emissions, following steps shall be followed :
1. Closed handling system shall be provided for chemicals.
 2. Reflux condenser shall be provided over reactor.
 3. System of leak detection and repair of pump/pipeline based on preventive maintenance.
 4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.
 5. Cathodic protection shall be provided to the underground solvent storage tanks.
- viii) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- ix) Solvent management shall be carried out as follows :
- i. Reactor shall be connected to chilled brine condenser system
 - ii. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
 - iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.
 - iv. Solvents shall be stored in a separate space specified with all safety measures.
 - v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
 - vi. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
 - vii. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- x) Total fresh water requirement from ground water source shall not exceed 800 m³/day and prior permission shall be obtained from the CGWA/SGWA.
- xi) Trade effluent should be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD should be passed through steam stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream should be treated in ETP and then passed through RO system. Condensate and recover water will be recycled/ reused within factory premises. Clear mother liquor of stripper containing dissolved residual solids and high boiling organic solvents will be sent to incinerator.
- xii) 'Zero' effluent discharge should be adopted and no effluent will be discharged outside the premises.
- xiii) Automatic /online monitoring system (24x7 monitoring devices) for flow measurement and relevant pollutants in the treatment system in waste water and air quality monitoring to be installed. The data to be made available to the respective SPCB and in the Company's website.



- xiv) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.
- xv) As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.
- xvi) The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from RSPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency.
- xvii) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- xviii) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- xix) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- xx) Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.
- xxi) Sufficient funds (2.5 % of project cost) shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs specially arrangement for supplying potable water to the fluoride affected nearby villages and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program shall be ensured accordingly in a time bound manner.
- xxii) As proposed, green belt over 29040 m² area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- xxiii) Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

B. GENERAL CONDITIONS:

- i. The project authorities shall strictly adhere to the stipulations made by the State Government and Rajasthan State Pollution Control Board (RSPCB).
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the RSPCB and it shall be ensured that at least one station is installed in the



- upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
 - v. The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
 - vi. During transfer of materials, spillages shall be avoided and gullies shall be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
 - vii. Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.
 - viii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
 - ix. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
 - x. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.
 - xi. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
 - xii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
 - xiii. The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
 - xiv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.
 - xv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the Rajasthan State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.



- xvi. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Rajasthan State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional Offices of MoEF&CC by e-mail.
- xvii. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at www.moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- xviii. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

9.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

10.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.



(Lalit Bokolia)
Additional Director

Copy to:-

1. Secretary, Department of Environment and Forests, Government of Rajasthan, Jaipur, Rajasthan.
2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -110032.
3. Chairman, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur, Rajasthan.
4. Chief Conservator of Forests (Central), Ministry of Environment and Forests, Region Office (Central), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow – 226 024, U.P.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi.
6. Guard File/Monitoring File/Record File.

(Lalit Bokolia)
Additional Director



F. No. J-11011/241/2012- IA.II (I)
 Government of India
 Ministry of Environment, Forests and Climate Change
 (I.A. Division)

Indira Paryavaran Bhawan
 Aligarj, Jorbagh Road
 New Delhi - 110 003

E-mail: yogendra78@nic.in
 Telefax: 011-24695365

Dated: 22nd February, 2017

To,

The Director
 M/s Otsuka Chemicals (India) Pvt. Ltd.
 #16, JMD Pacific Square, Sec-15, part-2
 NH-8, Gurgaon, Haryana - 122001
 E-mail: draritomai@hotmail.com
 Fax No. 0124-4597980

Sub: Expansion of Bulk Drug Manufacturing Unit at Village Keshwana Rajpoot, Tehsil Kotputli, District - Jaipur, Rajasthan by M/s Otsuka Chemical (India) Pvt. Ltd. - Amendment in Environment Clearance - regarding

Ref.: Your online application vide No. IA/RJ/IND/3641/2012 dated 17th March, 2016.

Sir,

Kindly refer to your online application vide No. IA/RJ/IND/3641/2012 dated 17th March 2016. in which you had requested the following amendment in existing Environmental Clearance issued on 10th December 2015.

1. In table of point no.2, on page no.1, under GCLE production capacity of phase II, there is a typographical error as 350 to 700MTPA has been typed instead of 450 to 700MTPA.
2. Part of Specific condition, point no. xv, "As proposed, process organic residue and spent carbon shall be sent to cement industries", to be omitted due to the following reasons :
 - (i) Process organic residue/distillation residue is being incinerated in a in-house liquid incinerator.
 - (ii) There is no generation of spent carbon in the factory.
3. Under point no.3 & Specific condition xi, it has been mentioned that low TDS effluent after treatment through ETP, will be passed through RO. PP proposed MVRE (Mechanical Vapour Recompression Evaporator) in place of RO. So RO technology to be replaced with MVRE in existing EC.
4. Installing one ISTPH boiler to generate electricity through back pressure turbine, instead of existing 10TPH and an additional 8TPH as mentioned in Environment Clearance.
5. The above proposal was considered in its 12th Expert Appraisal Committee (industry-2) meeting held during 23rd to 24th August 2016 and the committee

Proposal No. IA/RJ/IND/3641/2012

(Handwritten signature)



discussed on merits of new treatment process in place of RO. PP explained that this process has been tried in other industries and gave results to meet the standards as prescribed by SPCB. In response to cost-benefit analysis, PP has submitted life cycle cost of the new system for the period of 10 years' according to which, the committee noted that MVRE maintain least operational cost in comparison RO i.e. ₹ 336 Lacs for MVRE and ₹ 456 Lacs for RO respectively. The committee agreed and recommended above amendments with installing MVRE in place of RO and also installing one 18 TPH boiler instead of existing 10 TPH and an additional 8TPH as mentioned in EC with installation multicyclone followed by bagfilter.

6. This issues with the prior approval of the Competent Authority.

(Signature)
22.2.2017
(Yogendra Pal Singh)
Scientist 'D'

1. The Chairman, Rajasthan Pollution Control Board, 4, Institutional Area, Jhiana, Doongri, Jaipur, Rajasthan.
2. The Chief Conservator of Forests (Central), Ministry of Environment, Forest and Climate Change, Region Office (Central), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow - 226 024, U.P.

(Signature)
22.2.2017
(Yogendra Pal Singh)
Scientist 'D'



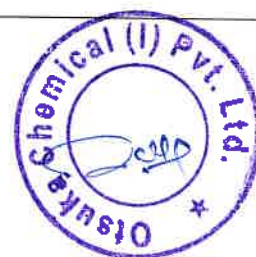
FORM-III Hazardous waste management record

27

| Sr. No | Manifest No | Date | Qty. (MT) | Category | | HW Waste Description |
|---------------------------|-------------|------------|-----------|----------|------|--|
| | | | | Schedule | Code | |
| 1 | 5463 | 06-10-2022 | 20.39 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 2 | 5464 | 10-10-2022 | 20.22 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 3 | 5465 | 17-10-2022 | 20.12 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 4 | 5466 | 21-10-2022 | 14.94 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 5 | 5467 | 21-10-2022 | 5.0 | 1.0 | 35.3 | Chemical Sludge From waste water treatment |
| 6 | 5468 | 28-10-2022 | 20.06 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| Total Waste qty. (Oct-22) | | | 100.73 | NA | NA | NA |

| Sr. No | Manifest No | Date | Qty. (MT) | Category | | HW Waste Description |
|---------------------------|-------------|------------|-----------|----------|------|--|
| | | | | Schedule | Code | |
| 1 | 5469 | 01-11-2022 | 18.99 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 2 | 5470 | 01-11-2022 | 1.3 | 1.0 | 37.2 | Ash from incinerator and flue gas cleaning residue |
| 3 | 5471 | 07-11-2022 | 20.11 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 4 | 5472 | 14-11-2022 | 20.34 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 5 | 5473 | 18-11-2022 | 19.99 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 6 | 5474 | 21-11-2022 | 20.1 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| Total Waste qty. (Nov-22) | | | 100.78 | NA | NA | NA |

| Sr. No | Manifest No | Date | Qty. (MT) | Category | | HW Waste Description |
|---------------------------|-------------|------------|-----------|----------|------|--|
| | | | | Schedule | Code | |
| 1 | 5475 | 02-12-2022 | 20.33 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 2 | 5476 | 05-12-2022 | 20.32 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 3 | 5477 | 09-12-2022 | 5.18 | 1.0 | 35.3 | Chemical Sludge From waste water treatment |
| 4 | 5478 | 09-12-2022 | 15.00 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 5 | 5479 | 15-12-2022 | 20.00 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 6 | 5480 | 20-12-2022 | 20.06 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 7 | 5481 | 24-12-2022 | 20.44 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 8 | 5482 | 30-12-2022 | 19.90 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| Total Waste qty. (Dec-22) | | | 141.23 | NA | NA | NA |



FORM-III Hazardous waste management record

| Sr. No | Manifest No | Date | Qty. (MT) | Category | | HW Waste Description |
|----------------------------------|-------------|------------|-----------|----------|------|--|
| | | | | Schedule | Code | |
| 1 | 5483 | 05-01-2023 | 5.59 | 1.0 | 35.3 | Chemical Sludge From waste water treatment |
| 2 | 5484 | 05-01-2023 | 14.70 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 3 | 5485 | 12-01-2023 | 20.10 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 4 | 5486 | 16-01-2023 | 19.70 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 5 | 5487 | 23-01-2023 | 20.29 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 6 | 5488 | 28-01-2023 | 5.10 | 1.0 | 35.3 | Chemical Sludge From waste water treatment |
| 7 | 5489 | 28-01-2023 | 15.10 | 1.0 | 37.3 | Concentration or Evaporation Residue (Solid) |
| Total Waste qty. (Jan-23) | | | 100.58 | NA | NA | NA |

| Sr. No | Manifest No | Date | Qty. (MT) | Category | | HW Waste Description |
|----------------------------------|-------------|------------|-----------|----------|------|--|
| | | | | Schedule | Code | |
| 1 | 5490 | 02-02-2023 | 20.0 | 1 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 2 | 5491 | 09-02-2023 | 13.5 | 1 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 3 | 5492 | 09-02-2023 | 6.32 | 1 | 35.3 | Chemical Sludge From waste water treatment |
| 4 | 5493 | 16-02-2023 | 19.93 | 1 | 37.1 | Concentration or Evaporation Residue (Solid) |
| 5 | 5494 | 22-02-2023 | 19.83 | 1 | 37.1 | Concentration or Evaporation Residue (Solid) |
| 6 | 5495 | 27-02-2023 | 20.02 | 1 | 37.1 | Concentration or Evaporation Residue (Solid) |
| 7 | 5496 | 02-03-2023 | 16.20 | 1 | 5.1 | Use oil (spent oil) |
| Total Waste qty. (Feb-23) | | | 115.8 | NA | NA | NA |

| Sr. No | Manifest No | Date | Qty. (MT) | Category | | HW Waste Description |
|----------------------------------|-------------|------------|-----------|----------|------|--|
| | | | | Schedule | Code | |
| 1 | 5497 | 06-03-2023 | 20.07 | 1 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 2 | 5498 | 13-03-2023 | 1.86 | 1 | 37.3 | Ash from incinerator and flue gas cleaning residue |
| 3 | 5499 | 13-03-2023 | 18.1 | 1 | 37.3 | Concentration or Evaporation Residue (Solid) |
| 4 | 5500 | 20-03-2023 | 19.7 | 1 | 37.1 | Concentration or Evaporation Residue (Solid) |
| 5 | 5501 | 24-03-2023 | 20.20 | 1 | 37.1 | Concentration or Evaporation Residue (Solid) |
| 6 | 5502 | 30-03-2023 | 20.17 | 1 | 37.1 | Concentration or Evaporation Residue (Solid) |
| Total Waste qty. (Feb-23) | | | 100.1 | NA | NA | NA |





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697



Registered

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File No: F(HSW)/ALWAR(Behror)/3(1)/2008-2009/600-602

Date:- 09/06/2022

Unit Id : 774

M/s Continental Petroleums Limited
A-166 and F-162-165, RIICO Industrial Area
, Behror Tehsil: Behror
District: Alwar

Sub:- Authorisation for operating a facility for Collection, Generation, Incineration, Reception, Recycling, Storage, Transport of Hazardous Wastes Under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.

Ref:- Your application dated : 23/10/2021 received on 23/10/2021 and subsequent corresponde
Sir

- 1 Number of authorisation RPCB/HWM/2022-2023/HSW/HSW/8.
- 2 Application Number : 292557 dated : 23/10/2021 .
- 3 **Director of M/s Continental Petroleums Limited is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Incineration, Reception, Recycling, Storage, Transport of Hazardous waste on the premises situated at A-166 AND F-162-165, RIICO INDUSTRIAL AREA, Tehsil: Behror District: Alwar.**

Details of Authorization

| SNo | Type of Hazardous waste | Category | | Quantity/ Unit | Hazardous Waste Disposal Practice |
|-----|---|----------|------|---------------------|-----------------------------------|
| | | Sch | Code | | |
| 1 | Empty barrels/ containers/ Liners contaminated with hazardous chemicals/ wastes | I | 33.1 | 2000.00 MT/ANNUM | Used as raw material |
| 2 | Chemical sludge from waste water treatment | I | 35.3 | 3.60 MT/ANNUM | CTDF Udaipur / Coincineration |
| 3 | Sludge from wet scrubbers | I | 37.1 | 324.00 MT/ANNUM | CTDF Udaipur / Coincineration |
| 4 | Ash from incinerator and flue gas cleaning residues | I | 37.2 | 396.00 MT/ANNUM | CTDF Udaipur / Coincineration |
| 5 | Organic residues from process | I | 4.4 | 1170.00 MT/ANNUM | Incineration |

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Date:- 09/06/2022

Unit Id : 774

| | | | | | |
|---|---------------------------|---|-----|---------------------|----------------------|
| 6 | Spent clay containing oil | 1 | 4.5 | 179.00 MT/ANNUM | Incineration |
| 7 | Used or spent oil | 1 | 5.1 | 5600.00 KL/ANNUM | Used as raw material |
| 8 | Waste Oil | 1 | 5.2 | 5940.00 MT/ANNUM | Used as raw material |

4 The authorisation shall be in force for period from **01/03/2022** to **28/02/2027** .



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Date:- 09/06/2022

Unit Id : 774

The authorisation is subject to the following general and specific conditions :

A. General conditions of Authorisation

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made thereunder.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed

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Unit Id : 774

of as per specific conditions of authorisation.

11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.

12. An application for the renewal of an authorisation shall be made as laid down under these Rules.

13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions

- 5 That this authorisation shall ceased to be valid & shall be liable to be revoked without any further notice in case of refusal/expiry of consent to operate under the provisions of Water(Prevention and Control of Pollution) Act,1974 and Air(Prevention and Control of Pollution)Act,1981 by the State Board.
- 6 That this authorisation shall ceased to be valid & shall be liable to be revoked without any further notice in case of expiry of consent to operate under the provisions of water(prevention and control of pollution) Act,1974 and Air(prevention and control of pollution)Act,1981 by the state Board.
- 7 That no other hazardous waste covered under the schedule IV of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be procured or processed without valid authorization and pass book under the Rules, from competent authority.
- 8 That in case of any expansion or change in process or product or change in mode / practice of disposal of hazardous waste or its quantity, industry shall obtain fresh Authorization.
- 9 That the arrangements for transportation of the hazardous waste for disposal shall be done by the own authorized vehicles only.



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Date:- 09/06/2022

Unit Id : 774

- 10 In addition to waste mentioned at para 3.0 above, the authorization is also granted for collection, disposal, generation, incineration, Reception, Storage and Transport of hazardous waste having calorific value more than 2500 KCAL/Kg i.e. 1.2 Tarry residues (TDI Tar) , 1.3 Oily sludge emulsion , 1.4 Organic residues , 1.7 Oil from wastewater treatment , 2.2 Sludge containing oil , 3.1 Cargo residue, washing water and sludge containing oil , 3.2 Chemical-containing cargo residue and sludge , 3.3 Sludge and filters contaminated with oil , 4.1 Oil sludge or emulsion , 4.3 Slop oil , 4.4 Organic residue from processes , 4.5 Spent clay containing oil , 5.2 Wastes or residues containing oil , 5.3 Waste cutting oils , 11.3 Tar containing wastes , 12.4 Sludge from bath containing organic solvents , 12.5 Phosphate sludge , 12.6 Sludge from staining bath , 13.4 Decanter tank tar sludge , 13.5 Tar storage tank residue , 13.6 Residues from coke oven by product plant , 18.2 Carbon residue , 19.1 Residue/sludge containing phenol , 20.1 Contaminated aromatic, aliphatic or naphthenic solvents may or may not be fit for reuse , 20.2 Spent solvent , 20.3 Distillation residues , 20.4 Process sludge , 21.1 Process Wastes, residues and sludges , 21.2 Spent Solvent , 23.1 Wastes/residues (not made with vegetable or animal materials , 23.2 Spent Solvents , 24.1 Chemical residues , 25.1 Chemical residues , 25.2 Residues from wood alkali bath , 26.1 Process waste sludge/residues containing acid or other toxic metals, or organic compounds , 26.2 Dust from air filtration system , 26.4 Spent solvent , 28.1 Process Residues and wastes , 28.4 Off specification products , 28.5 Date Expired Products , 28.6 Spent solvents , 29.1 Process Waste or Residues , 29.2 Sludge Containing Residual Pesticides , 29.3 Date-expired and off-specification pesticides , 29.4 Spent solvents , 31.1 Process Residues and wastes , 31.2 Spent etching chemicals and solvents , 32.1 Spent chemicals , 32.3 Process Sludge containing absorbable organic halides [AOx] ,33.1 Empty barrels/ containers/ Liners contaminated with hazardous chemicals/ waste, 33.2 Contaminated cotton rags or other cleaning materials , 34.1 Chemical-containing residue arising from decontamination , 34.2 Sludge from treatment of waste water arising out of cleaning/disposal of barrels/containers , 35.3 Chemical sludge from waste water treatment , 35.4 Oil and grease skimming , 36.1 Any Process or distillation residues , 36.2 Spent carbon or filter medium , 37.1 Sludge from wet scrubbers , 37.3 Concentration or evaporation residues , 38.1 Process residues to receive over all quantity up to 6030 MTPA (viz. 4020 MTPA for solid waste, 2010 MTPA for liquid and aqueous waste) hazardous waste as aforesaid for incineration only.

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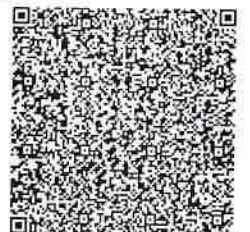
Unit Id : 774

- 11 That this authorization is also issued for procurement of raw material i.e Used oil @ 5600 KLA & Waste oil @ 5940 KLA and 2000 MTPA (1,12,000 numbers) of Empty barrels/ containers/ Liners contaminated with hazardous chemicals/ waste for recycling, unit shall maintain record of raw material procurement in passbooks provided with this authorization.
- 12 That incinerator shall not procure hazardous waste under category 16.1 mercury bearing sludge generated from mercury cell process and other mercury containing hazardous waste for incineration.
- 13 That the incinerator has developed adequate (i.e. 50% of the annual capacity of the hazardous waste Incinerator) separate earmarked for storage area with different cells for storing different kinds of hazardous wastes in the premises.
- 14 That facility shall keep storage area up to 2930sqm of total land for safe storage of hazardous waste, as mentioned in the environmental clearance issued by the MoEF & CC vide letter dated 04/04/2018.
- 15 That the facility shall provide earmarked storage area for storage of empty barrels and adequate drain system to treat trade effluent generated from drum washing facility.
- 16 That the facility will provide 9 nozzles on 3 HP pump with multiple jets along with two stage cleaning facility with hot water supply to ensure that water jets hit entire inner surface of the containers up to 30/06/2022.
- 17 That the facility shall provide separate area with provision of hose pipe with spray nozzle for washing outer surface of the containers along with proper slope, periphery drainage, oil and grease trap and collection pit followed by channelization to effluent treatment plant.
- 18 That the facility shall provide a designated space for dry draining of drums contaminated with oil & lubricants where drums to be hanged in inverted position on saw dust bed for 2-3 hours before washing up to 30/06/2022.
- 19 That the facility shall provide suitable arrangement to carry out the discharged liquid/waste after reconditioning of barrels to captive effluent treatment plant for the treatment up to 30/06/2022.
- 20 The hazardous waste should not be stored for a period beyond 90 days, failing which the authorization shall deemed to be revoked.
- 21 That the industry will maintain the records regarding industry wise, hazardous waste received, disposed characteristics as well as the location of the wastes in the facility and shall be produce at the time of inspection.



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Date:- 09/06/2022

Unit Id : 774

- 22 That the industry will comply all the conditions of consent to operate of recycling plant, incinerator plant as well as authorization for hazardous waste and authorization for transportation of hazardous waste.
- 23 The record of raw material procured, product generated manufactured and waste generated shall be maintained in logbook and copy of the same shall be submitted to Regional Office every month.
- 24 That the hazardous waste generated in Rajasthan State shall be received on priority for incineration. The hazardous waste from other States may be taken for the surplus capacity only.
- 25 That the incinerator shall recover the heat generated from the incinerator plant through heat recovery system and feed the same to boiler as mentioned in the EC.
- 26 That in case incinerator has not construct brick bund wall, shade over the storage area for empty barrels and drain structure to collect the waste water from drum washing area to effluent treatment plant, to increase the number of nozzles up to 30/06/2022 and install 4 piezometric wells up to 30/09/2022, consent to operate and authorization shall be revoked and the bank guarantee of Rs.33,000/- may be forfeited by the State Board.
- 27 That the facility shall follow revised standard operating procedure for Utilization of contaminated barrels/containers/drums containing hazardous waste /chemicals /oil and lubricants issued by CPCB on February, 2021.
- 28 That the incinerator shall comply with the "Guidelines for Storage of Incinerable Hazardous Wastes by the Operators of Common Hazardous Waste Treatment, Storage and Disposal Facilities and Captive Hazardous Waste Incinerators" issued by CPCB on 2008.
- 29 That the incinerator shall comply with the Protocol for Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment Storage and Disposal Facilities including Common Hazardous Waste Incinerators issued by CPCB on 2010.
- 30 That industry shall comply the conditions mentioned in the State Board Office Order dated 13/04/2022, regarding industrial units covered under area of NCR Delhi,



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RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No: F(HSW)/ALWAR(Behror)/3(1)/2008-2009/600-602

Date:- 09/06/2022

Unit Id : 774

- 31 That the unit shall ensure the use of cleaner fuels or Biomass in process/utilities in the premises and shall be shifted to cleaner fuel latest by 30/09/2022 in compliance of CPCB letter dated 16/04/2021 and in case PNG supply is not available, the proponent shall convert the industry to biomass fuel till 31/12/2022, in compliance of State Board Office Order dated 13/04/2022, failing this consent shall be revoked without any further notice.
- 32 That industry shall comply with the directions given by Commission for Air Quality Management in National Capital Region and Adjoining Areas time to time and submit report to the State Board.
- 33 That industry shall comply Direction No. 53, vide letter, F. No. A-110018/01/2021-CAQM/6510-6518 Dated 04/02/2022, given by Commission for Air Quality Management in National Capital Region and Adjoining Areas act, 2021- Review of Direction No. 49 dated 15/12/2021.
- 34 That industry shall comply Direction No. 56, vide letter, F. No. A-110018/01/2021-CAQM/6591-6595 dated 08/02/2022, given by Commission for Air Quality Management in National Capital Region and Adjoining Areas for effective control of air pollution in Delhi-NCR Regulations for use of Power Generating Sets.
- 35 That industry shall also comply Directions No.62, vide letter F. No. A-110018/01/2021-CAQM/7267-7298, dated 17/03/2022 under Section 12 of the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act, 2021- in case industry use biomass as fuel.
- 36 The authorisation is subject to the conditions stated at Annexure "A" enclosed with the authorisation letter and the such conditions as may be specified in the Rules for the time being forced under the Environmental (Protection) Act, 1986.
- 37 The unit has to display and maintain the data online outside the factory main gate in Hindi & English both on a 6'X 4' display board in the manner & format prescribed at Annexure "B" and the report of the Compliance along with photograph shall be submitted to this office & Regional Office, time to time.
- 38 That the annual reports/returns in the form prescribed under the Rules shall be submitted to the State Board by 30th June of every year and records of hazardous waste/other waste generation, handling & management shall be maintained according to the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shown & submitted to the State Board as and when asked for.
- 39 The hazardous waste should not be stored for a period beyond 90 days, failing which the authorisation shall deemed to be revoked.

Page 8 of 9

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Reason: Self Attested
Location:





37

RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No: F(HSW)/ALWAR(Behror)/3(1)/2008-2009/600-602

Date:- 09/06/2022

Unit Id : 774

- 40 It shall be ensured that the Hazardous/other waste is handled, managed & disposed of strictly in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Non compliance of the Rules or any of the conditions contained in the authorisation shall be tantamount to automatic cancellation/revocation of the authorisation.
- 41 The operator of the facility shall liable to comply any other conditions as per the guidelines issued by the MoEF or CPCB or State Board related to generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal of hazardous and other wastes.
- 42 **That Authorisation is issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with conditions laid down in all other for the time-being in force, rests with the industry/unit/project proponent.**
- 43 That this Authorisation shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This bears the approval of the competent authority.

Yours sincerely,

Group Incharge

Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Alwar with an advise to ensure the compliance of authorization conditions
- 2 Master File

Group Incharge

Page 9 of 9

Validity unknown

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Date: 2022.06.09 18:01:11 IST
Reason: Self Attested
Location:



SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216



TC-6960

MoEF&CC RECOGNIZED LABORATORY vide S.O.
578(E) Dated 15.11.2018 Valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20230322/32 | Date of Registration: 22.03.2023 |
| Report No. SCS/OCIPL/SE/20230322/32 | Date of Report: 31.03.2023 |

STACK MONITORING REPORT

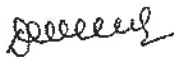
Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RJICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 22.03.2023
Date of start of testing : 23.03.2023
Date of end of testing : 31.03.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to ESP of Boiler 18 TPH
Ambient Temperature : 34.1°C
Stack Temperature : 125°C
Parameter required : PM, SO₂ and NO_x

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|---|----------------------------|--------------------------|-------------------|
| Particulate Matter PM | 48.6 mg / Nm ³ | 150 mg / Nm ³ | IS 11255 (Part 1) |
| Sulphur Di Oxide as SO ₂ * | 81.9 mg / Nm ³ | 600 mg / Nm ³ | IS 11255 (Part 2) |
| Oxides of Nitrogen as NO _x * | 130.6 mg / Nm ³ | 300 mg / Nm ³ | IS 11255 (Part 7) |

*At 6 % Dry O₂

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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- All disputes are subjected to Jaipur jurisdiction.



SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216



TC-6960

ISO/IEC 17025:2017 CERTIFIED LABORATORY
ISO 9001:2015 CERTIFIED LABORATORY
ISO 14001:2015 CERTIFIED LABORATORY
ISO 45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/38 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/38 | Date of Report: 10.01.2023 |

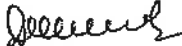
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 26.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack Attached to venturi scrubber of Incinerator
Ambient Temperature : 23.2°C
Stack Temperature : 115°C
Parameter required : PM, SO₂, NO_x, CO, HCl, TF

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|---------------------------------------|----------------------------|--------------------------|-------------------|
| Particulate Matter PM | 27.1 mg / Nm ³ | 50 mg / Nm ³ | IS 11255 (Part 1) |
| Sulphur Di Oxide as SO ₂ | 32.5 mg / Nm ³ | 200 mg / Nm ³ | IS 11255 (Part 2) |
| Oxides of Nitrogen as NO _x | 240.9 mg / Nm ³ | 400 mg / Nm ³ | IS 11255 (Part 7) |
| HCl | 34.4 mg / Nm ³ | 50 mg / Nm ³ | SCS/SOP/SE/29 |
| Carbon Monoxide (CO) | 23.8 mg / Nm ³ | 100 mg / Nm ³ | SCS/SOP/SE/26 |
| Total Fluoride | 0.4 mg / Nm ³ | 4 mg / Nm ³ | IS 11255 (Part 5) |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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TC-6960

40
NIEF&CC RECOGNIZED LABORATORY vide S.O.
5788(E) Dated 16.11.2019 Valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/AAQ/20230322/16 | Date of Registration: 22.03.2023 |
| Report No. SCS/OCIPL/AAQ/2021122/16 | Date of Report: 31.03.2023 |

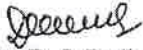
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil: Kotputali, Jaipur
Date of Monitoring : 22.03.2023
Date of start of testing : 23.03.2023
Date of end of testing : 31.03.2023
Duration of sampling : 8 Hrs.
Type of Industry : Bulk Drugs Industry
GPS Coordinates of the Location : 27°48'23.4"N
76°13'20.5"E
Ambient Temperature : 32.9°C
Name of Location : Near Material Entry Gate
Parameter required : PM₁₀, PM_{2.5}, SO₂, NO_x, CO

RESULTS

| Parameter | Observed Value | Limit as per NAAQS | Protocol |
|---|---------------------------|---------------------------|-------------------|
| Particulate Matter (PM ₁₀) | 94.7 µg / m ³ | 100 µg / m ³ | IS 5182 (Part 23) |
| Particulate Matter (PM _{2.5}) | 58.3 µg / m ³ | 60 µg / m ³ | IS 5182 (Part 24) |
| Sulphur Dioxide (SO ₂) | 16.8 µg / m ³ | 80 µg / m ³ | IS 5182 (Part 2) |
| Oxide Of Nitrogen (NO _x) | 39.1 µg / m ³ | 80 µg / m ³ | IS 5182 (Part 6) |
| Carbon Monoxide (CO) | 1,489 µg / m ³ | 2,000 µg / m ³ | SCS/SOP/AAQ/013 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
GIN NO.: U74140RJ2013PTC042216



TC-6960

MOEF&CC RECOGNIZED LABORATORY vide S.O.
5768(E) Dated 19.11.2016 Valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|---------------------------------------|----------------------------------|
| Sample ID No.: SCS/AAQ/20230322/17 | Date of Registration: 22.03.2023 |
| Report No. SCS/OC IPL/AAQ/20230322/17 | Date of Report: 31.03.2023 |

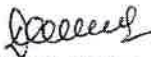
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
 Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil: Kotputali, Jaipur
 Date of Monitoring : 22.03.2023
 Date of start of testing : 23.03.2023
 Date of end of testing : 31.03.2023
 Duration of sampling : 8 Hrs.
 Type of Industry : Bulk Drugs Industry
 GPS Coordinates of the Location : 27°48'18.0"N
 76°13'28.3"E
 Ambient Temperature : 32.5°C
 Name of Location : In Between Four Process Houses
 Parameter required : PM₁₀, PM_{2.5}, SO₂, NO_x, CO

RESULTS

| Parameter | Observed Value | Limit as per NAAQS | Protocol |
|---|---------------------------|---------------------------|-------------------|
| Particulate Matter (PM ₁₀) | 79.5 µg / m ³ | 100 µg / m ³ | IS 5182 (Part 23) |
| Particulate Matter (PM _{2.5}) | 48.2 µg / m ³ | 60 µg / m ³ | IS 5182 (Part 24) |
| Sulphur Dioxide (SO ₂) | 12.5 µg / m ³ | 80 µg / m ³ | IS 5182 (Part 2) |
| Oxide Of Nitrogen (NO _x) | 23.7 µg / m ³ | 80 µg / m ³ | IS 5182 (Part 6) |
| Carbon Monoxide (CO) | 1,260 µg / m ³ | 2,000 µg / m ³ | SCS/SOP/AAQ/013 |

Per pro SCS Enviro Services Pvt. Ltd.,


 Dr. D. S. Parihar
 (Technical Manager)
 Authorised Signatory



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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216



TC-6960

42

MoEF&CC RECOGNIZED LABORATORY vide S.O.
6768(E) Dated 15.11.2018 Valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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|---------------------------------------|----------------------------------|
| Sample ID No.: SCS/AAQ/20230322/18 | Date of Registration: 22.03.2023 |
| Report No. SCS/OC IPL/AAQ/20230322/18 | Date of Report: 31.03.2023 |

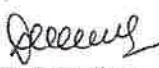
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil: Kotputali, Jaipur
Date of Monitoring : 22.03.2023
Date of start of testing : 23.03.2023
Date of end of testing : 31.03.2023
Duration of sampling : 8 Hrs.
Type of Industry : Bulk Drugs Industry
GPS Coordinates of the Location : 27°48'22.9"N
76°13'34.2"E
Ambient Temperature : 32.6°C
Name of Location : Near Admin Block
Parameter required : PM₁₀, PM_{2.5}, SO₂, NO_x, CO

RESULTS

| Parameter | Observed Value | Limit as per NAAQS | Protocol |
|---|---------------------------|---------------------------|-------------------|
| Particulate Matter (PM ₁₀) | 67.1 µg / m ³ | 100 µg / m ³ | IS 5182 (Part 23) |
| Particulate Matter (PM _{2.5}) | 40.3 µg / m ³ | 60 µg / m ³ | IS 5182 (Part 24) |
| Sulphur Dioxide (SO ₂) | 9.3 µg / m ³ | 80 µg / m ³ | IS 5182 (Part 2) |
| Oxide Of Nitrogen (NO _x) | 20.5 µg / m ³ | 80 µg / m ³ | IS 5182 (Part 6) |
| Carbon Monoxide (CO) | 1,031 µg / m ³ | 2,000 µg / m ³ | SCS/SOP/AAQ/013 |

Per pro SCS Enviro Services Pvt. Ltd.:


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/60 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/60 | Date of Report: 10.01.2023 |

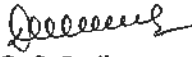
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-981
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/61 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/61 | Date of Report: 10.01.2023 |

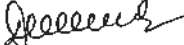
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-982
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|--------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/49 | Date of Registration: 26.12.2022 |
| Report No. SCS/OC IPL/SE/20221226/49 | Date of Report: 10.01.2023 |

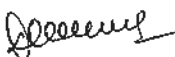
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-305
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/50 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/50 | Date of Report: 10.01.2023 |

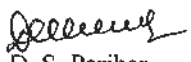
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-306
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/51 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/51 | Date of Report: 10.01.2023 |

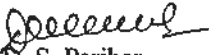
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-308
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|--------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/52 | Date of Registration: 26.12.2022 |
| Report No. SCS/OC IPL/SE/20221226/52 | Date of Report: 10.01.2023 |

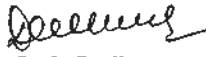
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-309
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/53 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/53 | Date of Report: 10.01.2023 |

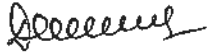
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-310
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/54 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/54 | Date of Report: 10.01.2023 |

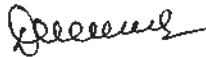
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-311
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/55 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/55 | Date of Report: 10.01.2023 |

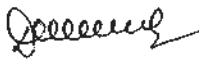
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-312
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/56 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/56 | Date of Report: 10.01.2023 |

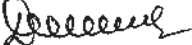
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-313
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/57 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/57 | Date of Report: 10.01.2023 |

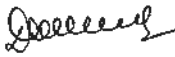
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-314
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|--------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/58 | Date of Registration: 26.12.2022 |
| Report No. SCS/OC IPL/SE/20221226/58 | Date of Report: 10.01.2023 |

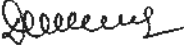
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RJICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-315
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.:U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/SE/20221226/59 | Date of Registration: 26.12.2022 |
| Report No. SCS/OCIPL/SE/20221226/59 | Date of Report: 10.01.2023 |

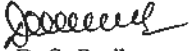
STACK MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RHICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 27.12.2022
Date of start of testing : 28.12.2022
Date of end of testing : 10.01.2023
Duration of sampling : 30 Minutes
Type of Industry : Bulk Drugs Industry
Weather conditions : Sunny
Name of Location : Stack attached to SC-316
Parameter required : VOC'S

RESULTS

| Parameter | Observed Value | Standard Value | Protocol |
|-------------------------------------|----------------------------|----------------|---------------|
| Volatile Organic Compounds as VOC's | < 0.1 mg / Nm ³ | - | SCS/SOP/SE/41 |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216



TC-6960

MoEF&CC RECOGNIZED LABORATORY vide S.O.
5788/5 Dated 10.11.2019 Valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|--|----------------------------------|
| Sample ID No.: SCS/SN/20230322/22-26 | Date of Registration: 22.03.2023 |
| Report No. SCS/OCIPL/SN/20230322/22-26 | Date of Report: 31.03.2023 |

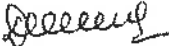
DG SET NOISE MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RIICO Industrial Area, Keshwana Rajpoot, Tehsil: Kotputali,
Jaipur
Date of Monitoring : 22.03.2023
Date of start of testing : 22.03.2023
Date of end of testing : 22.03.2023
Duration of sampling : 10 Minutes each
Type of Industry : Bulk Drugs Industry
Parameter required : DG Set Noise

RESULTS

| Name of Location | Time of Monitoring | Distance from DG Set | Results before acoustic treatment dB (A) | Results after acoustic treatment dB (A) | Standard as per EP Act for noise |
|------------------|--------------------|----------------------|--|---|---|
| DG Set-1 | 12.30 Hrs. | 0.5 M | 100.2 | 74.8 | 25 dB insertion loss or ambient 75 dB (A) |
| DG Set-2 | 13.10 Hrs. | 0.5 M | 99.9 | 74.7 | 25 dB insertion loss or ambient 75 dB (A) |
| DG Set-3 | 13.50 Hrs. | 0.5 M | 100.5 | 74.8 | 25 dB insertion loss or ambient 75 dB (A) |
| DG Set-4 | 14.40 Hrs. | 0.5 M | 99.8 | 74.6 | 25 dB insertion loss or ambient 75 dB (A) |
| DG Set-5 | 15.30 Hrs. | 0.5 M | 100.7 | 74.9 | 25 dB insertion loss or ambient 75 dB (A) |

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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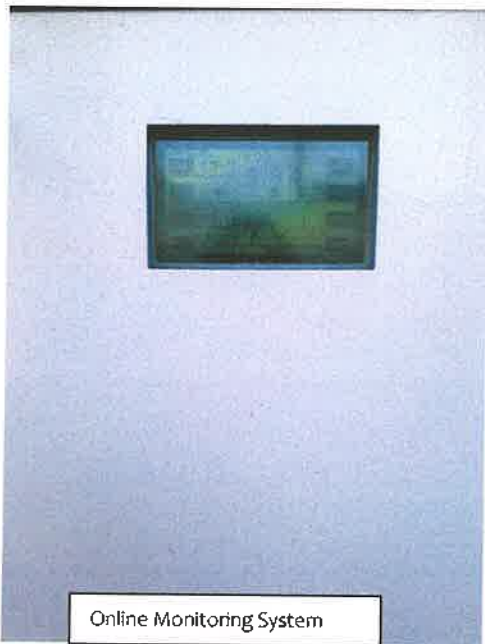
Online Monitoring System

The screenshot displays the 'Station Report' for an 'Effluent Treatment Plant - Multi-Parameter Analyser'. The report is for the period '20-09-2023 00:00:00'. The data is presented in a table with columns for Parameter, Unit, Limit, and values for BOD, COD, pH, and TSS.

| Parameter | BOD | COD | pH | TSS |
|-----------------------|--------|---------|-------|---------|
| Unit | mg/l | mg/l | pH | mg/l |
| Limit | 0 - 30 | 0 - 250 | 6 - 8 | 0 - 100 |
| 20-09-2023 00:00:00 | 19.81 | 165.10 | 8.12 | 2.55 |
| Average | 19.8 | 165.1 | 8.1 | 2.6 |
| Geom Mean | 19.8 | 165.1 | 8.1 | 2.6 |
| Maximum | 19.8 | 165.1 | 8.1 | 2.6 |
| Median | 19.8 | 165.1 | 8.1 | 2.6 |
| Minimum | 19.8 | 165.1 | 8.1 | 2.6 |
| Mode | 19.8 | 165.1 | 8.1 | 2.6 |
| Std. Deviation | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Active Duration | | | | |

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Online monitoring trend



Online Monitoring System



Online Monitoring System





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
 Phone: 141-5159600 Fax: 0141-5159697



Registered

File No: F(HSW)/JAIPUR(Kotputli)/1(1)/2008-2009/6180-6182

Date:- 30/03/2021

Unit Id : 680

M/s Otsuka Chemicals (India) Ltd.

SP-3-10 & 11, RIICO Industrial Area, Keshwana Rajput, , Tehsil: Kotputli

District: Jaipur

Sub:- Authorization for operating a facility for Collection, Disposal, Reception, Storage, Transport, Treatment of Hazardous Wastes Under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.

Ref:- Your application dated : 24/11/2020 received on 24/11/2020 and subsequent corresponde

Sir

- 1 Number of authorization RPCB/HWM/2020-2021/CD/HSW/9.
- 2 Application Number : 271685 dated : 24/11/2020 .
- 3 AVP of M/s Otsuka Chemicals (India) Ltd. is hereby granted an authorization based on the enclosed signed inspection report for Collection, Disposal, Reception, Storage, Transport, Treatment of Hazardous waste on the premises situated at SP-3-10 11, RIICO Industrial Area, Keshwana Rajput, Tehsil: Kotputli District: JAIPUR.

Details of Authorization

| SNo | Type of Hazardous waste | Category | | Quantity/ Unit | Hazardous Waste Disposal Practice |
|-----|--|----------|------|-------------------------|-----------------------------------|
| | | Sch | Code | | |
| 1 | Flue gas cleaning residue | I | 35.1 | 3.00 MT PER ANNUM | CTDF Udaipur |
| 2 | Chemical sludge from waste water treatment | I | 35.3 | 75.00 MT PER ANNUM | CTDF Udaipur |
| 3 | Concentration or evaporation residues | I | 37.3 | 1500.00 MT PER ANNUM | CTDF Udaipur |
| 4 | Used or spent oil | I | 5.1 | 2.00 KL/ANNUM | Sales to Registered Recycler |

- 4 The authorization shall be in force for period from 01/04/2021 to 31/03/2026 .





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
 Phone: 141-5159600 Fax: 0141-5159697

Registered

File No: F(HSW)/JAIPUR(Kotputli)/1(1)/2008-2009/6180-6182

Date:- 30/03/2021

Unit Id : 680

The authorization is subject to the following general and specific conditions :

A. General conditions of Authorization

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No: F(HSW)/JAIPUR(Kotputli)/1(1)/2008-2009/6180-6182

Date:- 30/03/2021

Unit Id : 680

of as per specific conditions of authorisation.

- 11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
- 12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
- 13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions

- 5 That this authorization shall ceased to be valid & shall be liable to be revoked without any further notice in case of refusal/expiry of consent to operate under the provisions of Water(Prevention and Control of Pollution) Act,1974 and Air(Prevention and Control of Pollution)Act,1981 by the State Board.
- 6 That no recycling/re-processing of the hazardous waste covered under schedule IV shall be carried out without prior authorization from Rajasthan State Pollution Control Board as recycler/ re-processor of hazardous waste under the rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 7 That no hazardous waste shall be utilized for co-processing as a supplementary resource or for energy recovery, or after processing without prior & valid approval of Central Pollution Control Board under the rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 8 That the industry shall submit copy of Emergency response plan which should address procedures for dealing with emergency situations (viz, spillage or release or fire) as specified in guidelines of CPCB within 45 days of issuance of this authorization.
- 9 That in case of any expansion or change in process or product or change in mode/ practice of disposal of hazardous waste or its quantity, industry shall obtain fresh authorization.
- 10 That that arrangements for transportation of the hazardous waste for disposal shall be done by the authorized/dedicated vehicles only and any environmental damages during Transpiration shall be borne by sender/receiver whoever arrange the transportation.



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Digitally signed by
RAJESH KUMAR
THAKUR
Date: 2021.03.30
15:50:41 +05:30



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
 Phone: 141-5159600 Fax: 0141-5159697

Registered

File No: F(HSW)/JAIPUR(Kotputli)/1(1)/2008-2009/6180-6182

Date:- 30/03/2021

Unit Id : 680

- 11 That the industry shall ensure the compliance of all the measures stipulated/mentioned in "Emergency Response Plan" to be submitted by the industry during any emergency situation.
- 12 That unit shall label the hazardous waste containers as per Form-8 of the Hazardous & Other Wastes(Management & Transboundary Movement)Rules, 2016.
- 13 That the unit shall maintain the record of hazardous waste generated and disposed as per the provisions of H&OW(M&TM) Rules, 2016.
- 14 That the industry shall provide sign board at the hazardous storage room.
- 15 That the industry shall submit point-wise compliance report on quarterly basis of the authorization issued.
- 16 The authorization is subject to the conditions stated at Annexure "A" enclosed with the authorization letter and the such conditions as may be specified in the Rules for the time being forced under the Environmental (Protection) Act, 1986.
- 17 The unit has to display and maintain the data online outside the factory main gate in Hindi & English both on a 6'X 4' display board in the manner & format prescribed at Annexure "B" and the report of the Compliance along with photograph shall be submitted to this office & Regional Office, time to time.
- 18 That the annual reports/returns in the form prescribed under the Rules shall be submitted to the Board by 30th June of every year and records of hazardous waste Generation, handling & management shall be maintained according to the provisions of the Hazardous Waste (Management and Transboundary Movement) Rules, 2016 and shown & submitted to the Board as and when asked for.
- 19 The hazardous waste should not be stored for a period beyond 90 days, failing which the authorization shall deemed to be revoked.
- 20 It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016. Non compliance of the Rules or any of the conditions contained in the authorization shall be tantamount to automatic cancellation/revocation of the authorization.
- 21 The operator of the facility shall liable to comply any other conditions as per the guidelines issued by the MoEF or CPCB or State Board related to collection, disposal, reception, storage & treatment of hazardous waste.



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 30/03/2021
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RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No: F(HSW)/JAIPUR(Kotputli)/1(1)/2008-2009/6180-6182

Date:- 30/03/2021

Unit Id : 680

- 22 **That Authorization is issued under the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with conditions laid down in all other for the time-being in force, rests with the industry/unit/project proponent.**
- 23 **That this Authorization shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.**

This bears the approval of the competent authority.

Yours Sincerely

Group Incharge

Copy To:-

- 1 **Regional Officer, Regional Office, Rajasthan State Pollution Control Board Jaipur(North) to ensure the compliance**
- 2 **Master File**

Group Incharge





UDAIPUR CHAMBER OF COMMERCE & INDUSTRY

उदयपुर चैम्बर ऑफ कॉमर्स एण्ड इण्डस्ट्री

(An Apex Body of Trade, Industry, Mining, Education & Tourism of Southern Rajasthan)

UCCI/HWM-440/2017-18 - 655

20th September, 2017

Otsuka Chemical (India) Pvt. Ltd.
Plot No. SP-3 – 10 & 11,
RIICO Industrial Area,
Keshwana Rajput, Kotputli,
District : Jaipur
Rajasthan (India)

Sub : Regarding change in Quantity of Hazardous Waste sent for disposal at TSDF, Gudli

Ref. : Our earlier letter No. UCCI/HWMF/2007-08/27 dated 13.11.2007

Dear Sirs,

We have your letter No.OCIPC/F/2017-18/Revise-Membership/046 dated 18/09/2017 and noted that you wish to dispose off Hazardous Waste of following Categories of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 :

| S.No | Type of Hazardous Waste | Category | | Quantity/Unit |
|------|---|----------|------|----------------------|
| | | Schedule | Code | |
| 1. | Flue gas cleaning residue | 1 | 34.1 | 3.00 MT / Annum |
| 2. | Chemical sludge from waste water treatment | 1 | 34.3 | 75.00 MT / Annum |
| 3. | Used/spent oil | 1 | 5.1 | 2000.00 Liters/Annum |
| 4. | Concentration and evaporation residue (Solid) | 1 | 37.3 | 1500 Ton / Annum |

We are advising M/s Ramky Enviro Engineers Ltd., Gudli to accept the above quantity of waste, subject to the condition that you made the additional payment of security deposit as per our Circular dated 22.07.2016 (copy enclosed).

Thanking you.

Yours faithfully,

For Udaipur Chamber of Commerce & Industry

Hansraj
Hansraj Choudhary
President



- cc : 1) Member Secretary, Rajasthan State Pollution Control Board, Jaipur
2) Regional Officer, Rajasthan State Pollution Control Board, Jaipur
3) Ramky Enviro Engineers Ltd., Udaipur



CHAMBER, BHILWAN, MEWAR INDUSTRIAL AREA, MADRI, UDAIPUR -313002 (Raj.)

TEL. : (0294) 2491060, 2492215. Website : www.uccindaipur.com

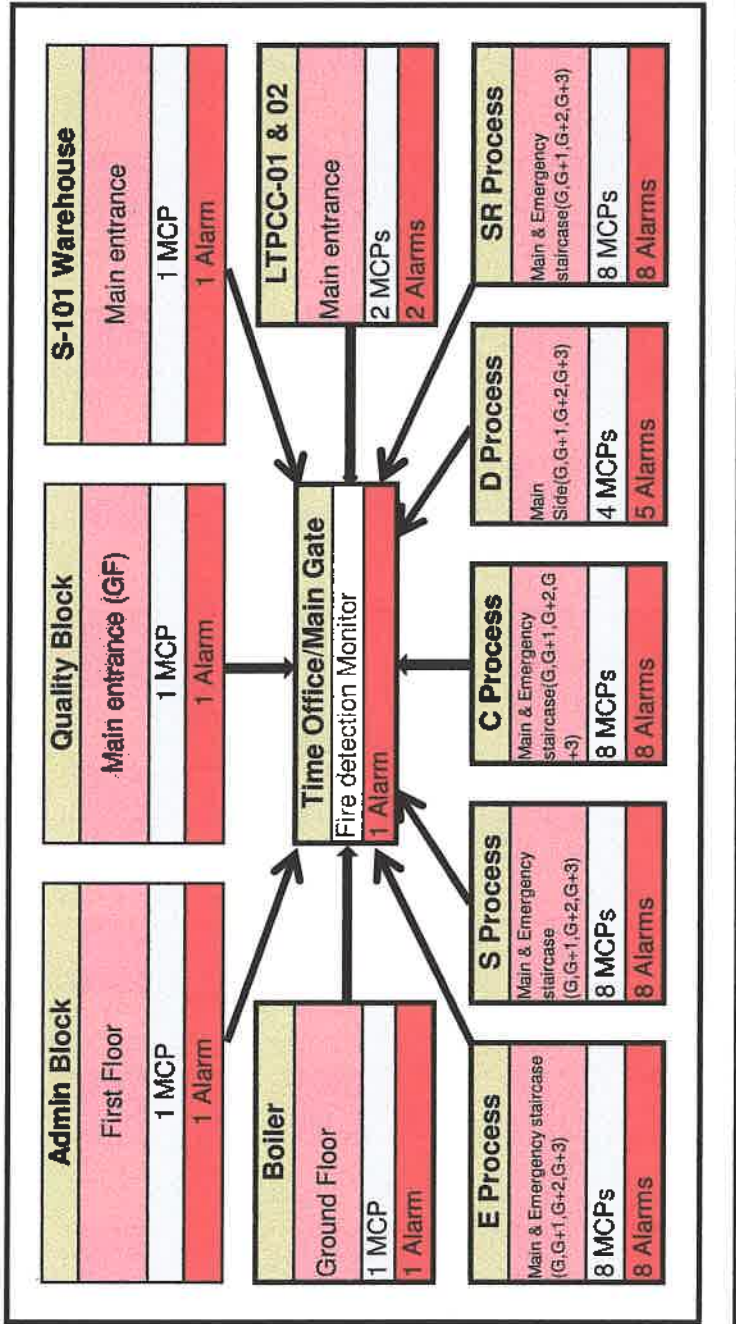
E-mail : ucci@ucciindia.com, info@ucciindiaipur.com



Upgradation of Skills, Capacity Building, Communication & Infrastructure Development



MCP LAYOUT AT OTSUKA CHEMICALS



HEALTH REGISTER

(In respect of person employed in occupation declared to be dangerous operation U/S 87)

Name of certifying (a) Mr. Dr. R. C. Kumar Yadav (b) Mr. Dr. R. C. Kumar Yadav

(C) Mr. From To

Registration No. 2338007
नवकर्तृ उपभोग
स्वस्थता प्रतिपत्तिका

| Serial No. क्र.सं. | Name of Worker कार्यकर्ता का नाम | Sex लिंग | Age (last birthday) आयु (पिछले जन्मदिन) | Date of employment राज्य में कार्य करने की तिथि | Date of leaving/transfer to other work छोड़ने की तिथि या अन्य कार्य में स्थानांतरण की तिथि | Reason for leaving/transfer छोड़ने का कारण या स्थानांतरण का कारण | Nature of job or Occupation कार्य की प्रकृति या पेशे | Raw Material handled उत्पन्न होने वाला सामग्री | Product handled उत्पन्न होने वाला उत्पाद |
|-----------------------|-------------------------------------|-------------|--|--|---|---|---|---|---|
| 1 | | | | | | | | | |
| 18 | Dhanraj Kumar | M | 47 | 17 Jun 07 | | | | | |
| 22 | Ramesh Kumar | M | 42 | 1 Nov 07 | | | | | |
| 30 | Hari Singh | M | 45 | 10 Nov 07 | | | | | |
| 51 | Naraj Kumar | M | 55 | 12 Dec 07 | | | | | |
| 52 | Mohan Singh | M | 40 | 12 Dec 07 | | | | | |
| 56 | Sunil Kumar | M | 58 | 15 Dec 07 | | | | | |
| 57 | Suresh Choud | M | 55 | 15 Dec 07 | | | | | |
| 65 | Nand Kishor | M | 53 | 18 Dec 07 | | | | | |
| 71 | Jasjit D'Souza | M | 48 | 21 Dec 07 | | | | | |
| 78 | Ram Chahal | M | 52 | 13 Jan 08 | | | | | |
| 89 | Chaitan Lal | M | 56 | 24 Jan 08 | | | | | |
| 94 | Ravi Ramdas | M | 47 | 15 Feb 08 | | | | | |
| 106 | Pankaj Sharma | M | 52 | 5 Mar 08 | | | | | |
| 114 | Kailash Choud | M | 42 | 4 Apr 08 | | | | | |
| 130 | Munesh Choud | M | 50 | 15 Apr 08 | | | | | |
| 131 | Rajju Singh | M | 46 | 15 Apr 08 | | | | | |
| 134 | Kanwar Singh | M | 46 | 16 Apr 08 | | | | | |
| 144 | Munraj Kumar | M | 52 | 24 Apr 08 | | | | | |
| 149 | Nat Ram | M | 35 | 26 Apr 08 | | | | | |
| 159 | Sunil Kumar | M | 42 | 1 May 08 | | | | | |
| 160 | Jagan | M | 51 | 1 May 08 | | | | | |
| 167 | Sachin Narayan | M | 51 | 5 May 08 | | | | | |
| 181 | Laxminarayana | M | 52 | 25-09 | | | | | |
| 183 | Preeti Venkuta | M | 52 | 8-08 | | | | | |
| 187 | Gyanwar | M | 47 | 14-8-9 | | | | | |

Note :- (1) Col. 8 Detailed summary of reasons for transfer or discharge should be stated

| BP | PULS | CBC | TLC | ESR | URINE | EVE | If suspended from work, state period of suspension with detailed reasons | Re-certified for to resume duty on (with signature of certifying Surgeon) | If certificate of unfitness of suspension issued to worker | signature with date of Certifying Surgeon |
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डॉ. रजित कुमार यादव
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Note :- (2) Col. 11 Should be expressed as fit/unit/suspended.

HEALTH REGISTER

(In respect of person employed in occupation declared to be dangerous operation U/S 87)

स्वास्थ्य पंजिका

to be dangerous operation U/S 87)

Number: 2338007
नवकार, सपना
दिल्ली प्रदेश, भारत

| Sr. No. | Name of Worker कार्यकर्ता का नाम | Sex लिंग | Age आयु (वर्षों में) | Date of employment निर्गमन की तिथि | Reason for leaving आवृत्ति का कारण | Nature of job or व्यवसाय की प्रकृति | Occupation व्यवसाय | 10 |
|---------|-------------------------------------|-------------|-------------------------|---------------------------------------|---------------------------------------|--|-----------------------|----|
| 26 | Kailash Choud | M | 48 | 1-8-89 | | | | |
| 27 | Uma Shankar | M | 45 | 26-8-89 | | | | |
| 28 | Somyaj Kumar | M | 36 | 22-5-89 | | | | |
| 29 | Amor Nath | M | 44 | 20-10-89 | | | | |
| 30 | Mathendrasingh | M | 50 | 21-10-89 | | | | |
| 31 | Sushil Kumar | M | 49 | 3-11-89 | | | | |
| 32 | Shivgami kumari | M | 54 | 4-11-89 | | | | |
| 33 | Gurukul Nath | M | 52 | 16-11-89 | | | | |
| 34 | Prabhu Singh | M | 42 | 29-11-89 | | | | |
| 35 | Rupnal Pal Singh | M | 42 | 5-3-89 | | | | |
| 36 | Pranod Kumar | M | 42 | 1-5-89 | | | | |
| 37 | Sudh Kumar | M | 40 | 1-8-89 | | | | |
| 38 | Jalpal Manjya | M | 39 | 1-8-89 | | | | |
| 39 | Ajeet Kumar | M | 37 | 1-9-89 | | | | |
| 40 | Rajot Khuja | M | 36 | 1-9-89 | | | | |
| 41 | Renu Shankar | M | 51 | 1-9-89 | | | | |
| 42 | Pawan Kumar | M | 35 | 21-10-89 | | | | |
| 43 | Bikram Mahato | M | 43 | 15-12-89 | | | | |
| 44 | Abdul Hakeem | M | 41 | 18-12-89 | | | | |
| 45 | Hansraj Jod | M | 42 | 17-2-90 | | | | |
| 46 | Supendra Kumar | M | 35 | 5-4-90 | | | | |
| 47 | Kumar Gaurav | M | 44 | 20-4-90 | | | | |
| 48 | Yashendra Shastri | M | 44 | 10-4-90 | | | | |
| 49 | Deepak | M | 38 | 1-4-90 | | | | |
| 50 | Satyaveer Singh | M | 48 | 25-6-90 | | | | |

Note :- 1. Col. 8 Detailed summary of reasons for transfer or discharge should be stated.

From _____ To _____

Medical Examination by Certifying Surgeon (11)
पंजिका में निहित परिणाम

| | B.P. | Pulse | CBC | TLC | SUGMA | URINE | EGG | 12 | 13 | 14 | 15 |
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Re-certified for
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Surgeon)
If certificate of
unfitness of
suspension
issued to worker
signature with
date of Certify-
ing Surgeon

OSAKO Chemicals
डॉ. अमित कुमार यादव
M.B.S. (11 S.)
बरेल पब्लिक हेल्थ इंजीनियरिंग
आयु: 18/09/518

Note :- (2) Col. 11 Should be expressed as fit/unfit/suspended.

HEALTH REGISTER

(In respect of person employed in occupation declared to be dangerous operation UJS 87)

Name of certifying (a) Mr. Dr. Anshik Kumar, M.D., D.O. (b) Mr.
 Surgeon From Dist. Z. Z. To Dist. Z. Z.

| Serial No. | Work No. | Name of Worker | Sex | Age (last birthday) | Date of employment | Date of leaving/transfer to other work | Reason for leaving | Nature of job or Occupation | Raw Material of Product handled by |
|------------|-----------|-------------------|------|---------------------|--------------------|--|--------------------|-----------------------------|------------------------------------|
| क्र. सं. | कार्य सं. | कार्यकर्ता का नाम | लिंग | वय (आखिरी वय) | प्रवेश का तिथि | छूट का तिथि | छूट का कारण | व्यवसाय | कच्चा सामान / उत्पाद |
| 51 | 323 | Vinod Kumar | M | 45 | 12-7-10 | | | | |
| 52 | 334 | Anil Kumar | M | 43 | 1-7-10 | | | | |
| 53 | 335 | Anil Kumar | M | 37 | 1-7-10 | | | | |
| 54 | 341 | Vipender Kumar | M | 35 | 1-7-10 | | | | |
| 55 | 351 | Rajesh Kumar | M | 46 | 15-10-10 | | | | |
| 56 | 352 | Ramesh Chandra | M | 49 | 15-10-10 | | | | |
| 57 | 358 | Anjani Kumar | M | 36 | 9-11-10 | | | | |
| 58 | 368 | Kajon Veer Singh | M | 42 | 1-12-10 | | | | |
| 59 | 396 | Robindev Nath | M | 37 | 24-3-11 | | | | |
| 60 | 403 | Shakti Kant | M | 36 | 18-4-11 | | | | |
| 61 | 406 | Jai Singh | M | 38 | 1-4-11 | | | | |
| 62 | 407 | V.K. Gopal Singh | M | 37 | 2-5-11 | | | | |
| 63 | 409 | Kailash Choud | M | 40 | 23-5-11 | | | | |
| 64 | 413 | Rajinder Kumar | M | 48 | 1-6-11 | | | | |
| 65 | 424 | Ashok Kumar | M | 36 | 27-7-11 | | | | |
| 66 | 426 | Shiva Kumar | M | 41 | 1-8-11 | | | | |
| 67 | 432 | Deepak Kumar | M | 39 | 2-12-11 | | | | |
| 68 | 446 | Anshul Lal | M | 47 | 14-11-11 | | | | |
| 69 | 462 | Sonath Kumar | M | 36 | 24-11-11 | | | | |
| 70 | 466 | Rhoopendra | M | 37 | 12-12-11 | | | | |
| 71 | 469 | Budgom Yadav | M | 34 | 24-3-12 | | | | |
| 72 | 498 | Mahendra Singh | M | 57 | 8-4-12 | | | | |
| 73 | 509 | Pankaj Singh | M | 36 | 14-5-12 | | | | |
| 74 | 515 | Chetron Singh | M | 48 | 1-6-11 | | | | |
| 75 | 516 | Rajeev Kumar | M | 37 | 15-5-12 | | | | |

Note :- (1) Col. 8 Detailed summary of reasons for transfer or discharge should be stated.

महिला: 12338007
 नपुंसक: उपक्रम
 सिविल सर्जन, अजमेर

स्वास्थ्य पंजिका

to be dangerous operation UJS 87

(C) Mr. From To

| Dates of Medical Examination by Certifying Surgeon (11) | | | | | | If suspended from work, state period of suspension with detailed reasons | | | Re-certified for to resume duty on (with signature of certifying Surgeon) | | | Certificate of unfitness of worker issued to worker | | Signature with date of Certifying Surgeon | | |
|---|-------|-----|-----|-------|-------|--|----|----|---|----|----|---|----|---|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| B.P. | Pulse | CBC | TLC | SUGAR | URINE | EYE | | | | | | | | | | |
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| OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | | | | | | |
| OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | | | | | | |

डॉ. अशोक कुमार यादव
 M.B.B.S. (H)
 Senior Civil Surgeon
 UJS 87, 2016

Note :- (2) Col. 11 Should be expressed as fit/unfit/suspended.

HEALTH REGISTER

(In respect of person employed in occupation declared to be dangerous operation U/S 87)

Name of certifying (a) Mr. Dr. Anand Kumar (b) Mr. Yashwanth
 Surgeon From Oct 22 To Feb 23

| Serial No. | Work #. | Name of Worker | Sex | Age (last birthday) | Date of employment on present work | Date of leaving/transfer to other work | Reason for leaving/transfer or discharge | Nature of job or Occupation | Product handled |
|------------|---------|-------------------|-----|---------------------|------------------------------------|--|--|-----------------------------|-----------------|
| 76 | 520 | Stayender Kumar | M | 39 | 11-6-12 | | | | |
| 77 | 524 | Dev Karamsingh | M | 33 | 11-7-12 | | | | |
| 78 | 530 | Lakshendra Kumar | M | 36 | 23-7-12 | | | | |
| 79 | 533 | Rajesh Kumar | M | 33 | 30-7-12 | | | | |
| 80 | 553 | Sudesh Kumar | M | 33 | 4-12-12 | | | | |
| 81 | 579 | Bijender Kumar | M | 45 | 1-4-13 | | | | |
| 82 | 590 | Batu Ram Yadav | M | 37 | 25-4-13 | | | | |
| 83 | 592 | Babang Lal | M | 38 | 8-5-13 | | | | |
| 84 | 600 | Sushil Kumar | M | 39 | 5-6-13 | | | | |
| 85 | 610 | Guril Kumar | M | 39 | 16-7-13 | | | | |
| 86 | 612 | Yogendra Math | M | 48 | 18-7-13 | | | | |
| 87 | 615 | Manoj Malan | M | 37 | 29-7-13 | | | | |
| 88 | 616 | Vikram Singh | M | 33 | 2-8-13 | | | | |
| 89 | 643 | Umesh Singh | M | 41 | 11-11-13 | | | | |
| 90 | 646 | Neeraj | M | 28 | 20-11-13 | | | | |
| 91 | 649 | Anil Kumar | M | 31 | 2-1-14 | | | | |
| 92 | 659 | Brahman Ballabh | M | 48 | 30-12-13 | | | | |
| 93 | 688 | Tek Chand Yadav | M | 31 | 22-1-14 | | | | |
| 94 | 680 | Sandeep Kumar | M | 44 | 14-4-14 | | | | |
| 95 | 684 | Gajendra Kumar | M | 48 | 25-4-14 | | | | |
| 96 | 688 | Sunil Kumar Singh | M | 35 | 5-5-14 | | | | |
| 97 | 691 | Kamlesh Kumar | M | 45 | 12-5-14 | | | | |
| 98 | 694 | Phagendra Yadav | M | 35 | 19-5-14 | | | | |
| 99 | 697 | Anmol Singh | M | 38 | 20-5-14 | | | | |
| 100 | 707 | Prashant Kumar | M | 42 | 1-7-14 | | | | |

Note:-(1) Col. 8 Detailed summary of reasons for transfer or discharge should be stated

स्वास्थ्य पंजिका

to be dangerous operation U/S 87)

(C) Mr. Dr. Anand Kumar (D) Mr. Yashwanth
 Surgeon From Oct 22 To Feb 23

| Serial No. | Work #. | Name of Worker | Sex | Age (last birthday) | Date of employment on present work | Date of leaving/transfer to other work | Reason for leaving/transfer or discharge | Nature of job or Occupation | Product handled | Dates of Medical Examination by Certifying Surgeon (11) | | | | | If suspended from work, state period of suspension with detailed reasons | Re-certified for to resume duty (with signature of certifying Surgeon) | If certificate of unfitness of suspension issued to worker | signature with date of Certifying Surgeon |
|------------|---------|-------------------|-----|---------------------|------------------------------------|--|--|-----------------------------|-----------------|---|-------|-----|-----|-------|--|--|--|---|
| | | | | | | | | | | BP | PULSE | EBC | TLC | SUGAR | | | | |
| 76 | 520 | Stayender Kumar | M | 39 | 11-6-12 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 77 | 524 | Dev Karamsingh | M | 33 | 11-7-12 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 78 | 530 | Lakshendra Kumar | M | 36 | 23-7-12 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 79 | 533 | Rajesh Kumar | M | 33 | 30-7-12 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 80 | 553 | Sudesh Kumar | M | 33 | 4-12-12 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 81 | 579 | Bijender Kumar | M | 45 | 1-4-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 82 | 590 | Batu Ram Yadav | M | 37 | 25-4-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 83 | 592 | Babang Lal | M | 38 | 8-5-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 84 | 600 | Sushil Kumar | M | 39 | 5-6-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 85 | 610 | Guril Kumar | M | 39 | 16-7-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 86 | 612 | Yogendra Math | M | 48 | 18-7-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 87 | 615 | Manoj Malan | M | 37 | 29-7-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 88 | 616 | Vikram Singh | M | 33 | 2-8-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 89 | 643 | Umesh Singh | M | 41 | 11-11-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 90 | 646 | Neeraj | M | 28 | 20-11-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 91 | 649 | Anil Kumar | M | 31 | 2-1-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 92 | 659 | Brahman Ballabh | M | 48 | 30-12-13 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 93 | 688 | Tek Chand Yadav | M | 31 | 22-1-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 94 | 680 | Sandeep Kumar | M | 44 | 14-4-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 95 | 684 | Gajendra Kumar | M | 48 | 25-4-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 96 | 688 | Sunil Kumar Singh | M | 35 | 5-5-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 97 | 691 | Kamlesh Kumar | M | 45 | 12-5-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 98 | 694 | Phagendra Yadav | M | 35 | 19-5-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 99 | 697 | Anmol Singh | M | 38 | 20-5-14 | | | | | OK | OK | OK | OK | OK | OK | | | |
| 100 | 707 | Prashant Kumar | M | 42 | 1-7-14 | | | | | OK | OK | OK | OK | OK | OK | | | |

Note:-(2) Col. 11 Should be expressed as fit/unfit/suspended.



Dr. Anand Kumar
 M.B.B.S. M.S.
 Government Medical College
 Patna University
 Reg. No. - 27516

HEALTH REGISTER

(in respect of person employed in occupation declared to be dangerous operation U/S 87)

Name of certifying (a) Mr. Dr. Anant Kumar Yadav (b) Mr. ...
 Surgeon From 01-11-22 To 15-12-23

| Serial No. | Work No. | Name of Worker | Sex | Age (at present) | Date of employment | Date of leaving/transfer | Reason for leaving/transfer | Nature of job or Occupation | Raw Material or by Product handled | Part of body affected |
|------------|---------------|---------------------|------|------------------|--------------------|--------------------------|-----------------------------|-----------------------------|------------------------------------|-----------------------|
| क्र.सं. | कार्यक्रम सं. | कार्यकर्ता का नाम | लिंग | वय (वर्तमान) | आगमन का तिथि | छाड़ने का तिथि | छाड़ने का कारण | व्यवसाय/व्यवसाय का प्रकृति | कच्चा सामान/उत्पाद | प्रभावित भाग |
| 101 | 709 | Rohit Singh | M | 30 | 27-7-14 | | | | | |
| 102 | 716 | Hemant Singh | M | 34 | 13-7-14 | | | | | |
| 103 | 722 | Bhajan Prasad Singh | M | 37 | 20-11-14 | | | | | |
| 104 | 724 | Manish Kumar | M | 33 | 25-11-14 | | | | | |
| 105 | 727 | Dheeraj Kumar | M | 32 | 10-12-14 | | | | | |
| 106 | 735 | Yogesh | M | 32 | 12-1-14 | | | | | |
| 107 | 738 | Bhupendra Kumar | M | 32 | 19-1-14 | | | | | |
| 108 | 743 | Hareem Singh | M | 27 | 12-2-15 | | | | | |
| 109 | 755 | Vivek Kumar | M | 33 | 20-3-15 | | | | | |
| 110 | 763 | Faizan Singh | M | 29 | 15-5-15 | | | | | |
| 111 | 765 | Subodh Singh | M | 29 | 19-5-15 | | | | | |
| 112 | 770 | Sanjay Singh | M | 29 | 1-6-15 | | | | | |
| 113 | 782 | Shree Singh | M | 33 | 15-6-15 | | | | | |
| 114 | 784 | Deepak Kumar | M | 28 | 15-6-15 | | | | | |
| 115 | 795 | Dharamendra Yadav | M | 30 | 18-6-15 | | | | | |
| 116 | 804 | Ashok Kumar | M | 37 | 23-6-15 | | | | | |
| 117 | 807 | Somvir | M | 32 | 3-8-15 | | | | | |
| 118 | 809 | Raja Ram | M | 27 | 2-8-15 | | | | | |
| 119 | 811 | Kamlesh Kumar | M | 30 | 3-8-15 | | | | | |
| 120 | 813 | Sonjuly | M | 32 | 10-8-15 | | | | | |
| 121 | 822 | Satish Yadav | M | 26 | 3-9-15 | | | | | |
| 122 | 824 | Rohit Singh | M | 32 | 3-9-15 | | | | | |
| 123 | 827 | Ajay Kumar | M | 35 | 4-9-15 | | | | | |
| 124 | 828 | Kuldeep | M | 37 | 7-9-15 | | | | | |
| 125 | 830 | Pullesh Kumar | M | 37 | 7-9-15 | | | | | |

Note:-(1) Col. 8 Detailed summary of reasons for transfer or discharge should be stated

स्वास्थ्य पंजिका

to be dangerous operation U/S 87)

(C) Mr. ... To ...

| Serial No. | Dates of Medical Examination by Certifying Surgeon (11) | | | | | if suspended from work, state period of suspension with detailed reasons | Re-certified for return to duty (with signature of certifying Surgeon) | If certificate of unfitness issued to worker | signature with date of Certifying Surgeon |
|------------|---|------|-----|-----|-------|--|--|--|---|
| | BP | PULS | CBC | TLC | URINE | | | | |
| 101 | OK | OK | OK | OK | OK | | | | |
| 102 | OK | OK | OK | OK | OK | | | | |
| 103 | OK | OK | OK | OK | OK | | | | |
| 104 | OK | OK | OK | OK | OK | | | | |
| 105 | OK | OK | OK | OK | OK | | | | |
| 106 | OK | OK | OK | OK | OK | | | | |
| 107 | OK | OK | OK | OK | OK | | | | |
| 108 | OK | OK | OK | OK | OK | | | | |
| 109 | OK | OK | OK | OK | OK | | | | |
| 110 | OK | OK | OK | OK | OK | | | | |
| 111 | OK | OK | OK | OK | OK | | | | |
| 112 | OK | OK | OK | OK | OK | | | | |
| 113 | OK | OK | OK | OK | OK | | | | |
| 114 | OK | OK | OK | OK | OK | | | | |
| 115 | OK | OK | OK | OK | OK | | | | |
| 116 | OK | OK | OK | OK | OK | | | | |
| 117 | OK | OK | OK | OK | OK | | | | |
| 118 | OK | OK | OK | OK | OK | | | | |
| 119 | OK | OK | OK | OK | OK | | | | |
| 120 | OK | OK | OK | OK | OK | | | | |
| 121 | OK | OK | OK | OK | OK | | | | |
| 122 | OK | OK | OK | OK | OK | | | | |
| 123 | OK | OK | OK | OK | OK | | | | |
| 124 | OK | OK | OK | OK | OK | | | | |
| 125 | OK | OK | OK | OK | OK | | | | |



Note:-(2) Col. 11 Should be expressed as fit/unfit/suspended.

HEALTH REGISTER

(In respect of person employed in occupation declared to be dangerous operation U/S 87)

Name of certifying (a) Mr. Dr. Anshu Kumar (b) Mr. Yashu Kumar
 Surgeon From Oct. 23 To Nov. 23

| Serial No. क्रमांक | Work No. कार्यकारी का नाम | Name of Worker कार्यकारी का नाम | Sex लिंग | Age (last birthday) आय (पिछले जन्मदिन का आयु) | Date of employment on present work राज्य में कार्य करने की तिथि | Date of leaving transfer to other work अन्य कार्य करने के लिए जाने की तिथि | Reason for leaving transfer or discharge कारण (आवृत्त/आवृत्त/आवृत्त) | Nature of Job or Occupation कार्य की प्रकृति या पेशा | Product handled उत्पाद का नाम और प्रकृति |
|-----------------------|------------------------------|------------------------------------|-------------|--|--|---|---|---|---|
| 251 | 1299 | Mohesh Kumar | M | 23 | 23/5/10 | | | | |
| 252 | 1800 | Vineet Kumar | M | 28 | 23/5/10 | | | | |
| 253 | 1304 | Umesh Kumar | M | 28 | 23/6/10 | | | | |
| 254 | 1806 | Sushel | M | 27 | 20/6/10 | | | | |
| 255 | 1807 | Kaishan Kumar | M | 29 | 14/1/10 | | | | |
| 256 | 1310 | Navinder Sharma | M | 34 | 8/1/20 | | | | |
| 257 | 1311 | Yogendra Kumar | M | 28 | 10/9/20 | | | | |
| 258 | 1317 | Dinesh Kumar | M | 29 | 8/10/10 | | | | |
| 259 | 1318 | Sanjay Pal Singh | M | 32 | 8/10/10 | | | | |
| 260 | 1320 | Rm Prakash Pat | M | 32 | 22/10/10 | | | | |
| 261 | 1321 | Suraj | M | 27 | 21/10/10 | | | | |
| 262 | 1322 | Saeedul Hussain | M | 30 | 21/1/10 | | | | |
| 263 | 1326 | Vimlesh Singh | M | 35 | 11/2/10 | | | | |
| 264 | 1328 | Uday Singh Khatkar | M | 41 | 14/10/10 | | | | |
| 265 | 1331 | Siddharth Mehra | M | 27 | 16/12/10 | | | | |
| 266 | 1334 | Vijay Kumar | M | 26 | 25/11/10 | | | | |
| 267 | 1335 | Jagdish Singh | M | 28 | 25/12/10 | | | | |
| 268 | 1341 | Shubham Mehra | M | 22 | 5/1/21 | | | | |
| 269 | 1344 | Raghavendra Kewat | M | 26 | 11/1/11 | | | | |
| 270 | 1347 | Tushar Kumar | M | 28 | 19/1/14 | | | | |
| 271 | 1349 | Ritik Mishra | M | 24 | 18/1/14 | | | | |
| 272 | 1351 | Ashish Chauhan | M | 31 | 15/1/14 | | | | |
| 273 | 1354 | Aakash Singh | M | 27 | 1/2/14 | | | | |
| 274 | 1355 | Munish Kumar | M | 34 | 3/2/14 | | | | |
| 275 | 1359 | Kishor | M | 23 | 22/2/14 | | | | |

Note - (1) Col. 8 Detailed summary of reasons for transfer or discharge should be stated.

स्वास्थ्य पंजिका

(In respect of person employed in occupation declared to be dangerous operation U/S 87)

(C) Mr. Dr. Anshu Kumar (b) Mr. Yashu Kumar
 Surgeon From Oct. 23 To Nov. 23

| Serial No. क्रमांक | Dates of Medical Examination by Certifying Surgeon (11) आवृत्त परीक्षा की तिथि परीक्षण करने वाले | | | | | | | | | | |
|-----------------------|---|-------|-----|-----|-------|-------|-----|--|---|--|---|
| | BP | Pulse | CBC | TLC | SUGAR | URINE | EYE | If suspended from work, state period of suspension with detailed reasons | Re-certified for to resume duty on (with signature of certifying Surgeon) | If certificate of unfitness of worker issued to worker | signature with date of Certifying Surgeon |
| 251 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 252 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 253 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 254 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 255 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 256 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 257 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 258 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 259 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 260 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 261 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 262 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 263 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 264 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 265 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 266 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 267 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 268 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 269 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 270 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 271 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 272 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 273 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 274 | OK | OK | OK | OK | OK | OK | OK | | | | |
| 275 | OK | OK | OK | OK | OK | OK | OK | | | | |

Note - (2) Col. 11 Should be expressed as fit/unfit/suspended.



M.B.D.S.M.S.
 भारत परीक्षा करने वाले
 परीक्षण करने वाले
 Reg. No. - 27516

HEALTH REGISTER

(In respect of person employed in occupation declared to be dangerous operation US 87)

Name of certifying (a) Mr. Dr. Anil K. Yadav (b) Mr. Dr. Anil K. Yadav
 Surgeon From Oct 22 To May 23

| Serial No क्र.सं.नं. | Work No. कार्यक्रम सं. | Name of Worker कार्यकर्ता का नाम | Sex लिंग | Age (last birthday) आयु (नव वर्ष की आयु) | Date of employment निर्वाह की तिथि | Date of leaving transfer to छोड़ने की तिथि | other work अन्य कार्य | Reason for leaving छोड़ने का कारण | Nature of Job or Occupation कार्यक्रम का प्रकार | Raw Material Product handled कच्चा सामान / उत्पाद |
|-------------------------|---------------------------|-------------------------------------|-------------|---|---------------------------------------|---|--------------------------|--------------------------------------|---|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 276 | 1360 | Manoj Kumar | M | 30 | 25/2/24 | | | | | |
| 277 | 1361 | Deepak Mahawar | M | 30 | 4/3/24 | | | | | |
| 278 | 1362 | Sandeep Kumar | M | 28 | 4/3/24 | | | | | |
| 279 | 1363 | Manoj Kumar | M | 28 | 8/3/24 | | | | | |
| 280 | 1366 | Rajeev | M | 32 | 8/3/24 | | | | | |
| 281 | 1368 | Sunny Kumar | M | 26 | 12/8/24 | | | | | |
| 282 | 1371 | Sushil Kumar | M | 29 | 15/8/24 | | | | | |
| 283 | 1372 | Anshu Kumar | M | 26 | 15/8/24 | | | | | |
| 284 | 1377 | Prabhat Kumar | M | 38 | 19/8/24 | | | | | |
| 285 | 1378 | Gaurav Kumar | M | 27 | 22/8/24 | | | | | |
| 286 | 1388 | Navneet Kumar | M | 33 | 4/5/24 | | | | | |
| 287 | 1391 | Dharmendra Bhatt | M | 35 | 12/6/24 | | | | | |
| 288 | 1392 | Ranjeet Bhatia | M | 28 | 24/5/24 | | | | | |
| 289 | 1393 | Rahul Kumar | M | 28 | 24/5/24 | | | | | |
| 290 | 1401 | Chandan Dubey | M | 29 | 20/6/24 | | | | | |
| 291 | 1402 | Ranjeet Singh | M | 33 | 17/7/24 | | | | | |
| 292 | 1408 | Indra Lal Rawal | M | 34 | 12/2/24 | | | | | |
| 293 | 1407 | Rajeev | M | 24 | 21/7/24 | | | | | |
| 294 | 1408 | Rohit Kumar | M | 25 | 21/7/24 | | | | | |
| 295 | 1409 | Anand Kumar | M | 29 | 21/7/24 | | | | | |
| 296 | 1411 | Rahul Singh | M | 22 | 3/8/24 | | | | | |
| 297 | 1412 | Praveen | M | 22 | 5/8/24 | | | | | |
| 298 | 1418 | Ravikanth | M | 28 | 13/9/24 | | | | | |
| 299 | 1421 | Deepak Kumar | M | 25 | 28/9/24 | | | | | |
| 300 | 1422 | Shashank Kumar | M | 27 | 29/9/24 | | | | | |

Note: (1) Col. 8 Details summary of reasons for transfer or discharge should be stated.

स्वास्थ्य पंजीक

to be dangerous operation US 87)

(C) Mr. Dr. Anil K. Yadav To May 23

| Serial No क्र.सं.नं. | Work No. कार्यक्रम सं. | Name of Worker कार्यकर्ता का नाम | Sex लिंग | Age (last birthday) आयु (नव वर्ष की आयु) | Date of employment निर्वाह की तिथि | Date of leaving transfer to छोड़ने की तिथि | other work अन्य कार्य | Reason for leaving छोड़ने का कारण | Nature of Job or Occupation कार्यक्रम का प्रकार | Raw Material Product handled कच्चा सामान / उत्पाद |
|-------------------------|---------------------------|-------------------------------------|-------------|---|---------------------------------------|---|--------------------------|--------------------------------------|---|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 276 | 1360 | Manoj Kumar | M | 30 | 25/2/24 | | | | | |
| 277 | 1361 | Deepak Mahawar | M | 30 | 4/3/24 | | | | | |
| 278 | 1362 | Sandeep Kumar | M | 28 | 4/3/24 | | | | | |
| 279 | 1363 | Manoj Kumar | M | 28 | 8/3/24 | | | | | |
| 280 | 1366 | Rajeev | M | 32 | 8/3/24 | | | | | |
| 281 | 1368 | Sunny Kumar | M | 26 | 12/8/24 | | | | | |
| 282 | 1371 | Sushil Kumar | M | 29 | 15/8/24 | | | | | |
| 283 | 1372 | Anshu Kumar | M | 26 | 15/8/24 | | | | | |
| 284 | 1377 | Prabhat Kumar | M | 38 | 19/8/24 | | | | | |
| 285 | 1378 | Gaurav Kumar | M | 27 | 22/8/24 | | | | | |
| 286 | 1388 | Navneet Kumar | M | 33 | 4/5/24 | | | | | |
| 287 | 1391 | Dharmendra Bhatt | M | 35 | 12/6/24 | | | | | |
| 288 | 1392 | Ranjeet Bhatia | M | 28 | 24/5/24 | | | | | |
| 289 | 1393 | Rahul Kumar | M | 28 | 24/5/24 | | | | | |
| 290 | 1401 | Chandan Dubey | M | 29 | 20/6/24 | | | | | |
| 291 | 1402 | Ranjeet Singh | M | 33 | 17/7/24 | | | | | |
| 292 | 1408 | Indra Lal Rawal | M | 34 | 12/2/24 | | | | | |
| 293 | 1407 | Rajeev | M | 24 | 21/7/24 | | | | | |
| 294 | 1408 | Rohit Kumar | M | 25 | 21/7/24 | | | | | |
| 295 | 1409 | Anand Kumar | M | 29 | 21/7/24 | | | | | |
| 296 | 1411 | Rahul Singh | M | 22 | 3/8/24 | | | | | |
| 297 | 1412 | Praveen | M | 22 | 5/8/24 | | | | | |
| 298 | 1418 | Ravikanth | M | 28 | 13/9/24 | | | | | |
| 299 | 1421 | Deepak Kumar | M | 25 | 28/9/24 | | | | | |
| 300 | 1422 | Shashank Kumar | M | 27 | 29/9/24 | | | | | |

Note: (2) Col. 11 Should be expressed as fit/unit/suspended.



Signature of
 M. B. S. M. S.
 Ref. No. 27516

HEALTH REGISTER

(In respect of person employed in occupation declared

Name of certifying (a) Mr. D. Anant Kumar, Yashwantrao Chavan Pratishthan, Mumbai. (b) Mr. _____

निर्देशन संख्या: 2338007
 नयनकारी उपकरण
 प्रयोग करने वाले श्रमिक

स्वास्थ्य पंजिका
 to be dangerous operation U/S 87)

(C) Mr. _____ To: _____

From: _____ To: _____

| Serial No. क्रम सं. | Work No. कार्य सं. | Name of Worker कार्यकारी का नाम | Sex लिंग | Age (at entry) आयु (प्रवेश पर) | Date of employment प्रवेश का तिथि | Other work अन्य कार्य | Reason for leaving आयु छोड़ने का कारण | Nature of Job or Occupation कार्य की प्रकृति या उद्योग | Raw Material of Product handled उत्पाद के लिए प्रयुक्त सामग्री | 10 |
|------------------------|-----------------------|------------------------------------|-------------|-----------------------------------|--------------------------------------|--------------------------|--|--|--|----|
| 337 | 1484 | Rahul Chauhan | M | 32 | 15/10/22 | | | | | |
| 352 | 1486 | Jasvinder Singh | M | 31 | 11/10/22 | | | | | |
| 353 | 1497 | Rupj Claud | M | 22 | 26/10/22 | | | | | |
| 354 | 1503 | Ashlesh Chaudhary | M | 29 | 15/1/22 | | | | | |
| 355 | 1504 | Lakesh Kumar | M | 29 | 1/8/22 | | | | | |
| 256 | 1506 | Praveen Babu | M | 29 | 1/9/22 | | | | | |
| 357 | 1507 | Sudhanshu | M | 29 | 19/2/22 | | | | | |
| 358 | 1508 | Vaun Kumar | M | 31 | 10/2/22 | | | | | |
| 359 | 1510 | Robin Kumar | M | 24 | 19/9/22 | | | | | |
| 360 | 1511 | Vikram Saini | M | 28 | 19/9/22 | | | | | |
| 361 | 1512 | Shiva Sharma | M | 22 | 19/9/22 | | | | | |
| 362 | 1515 | Nikas Sharma | M | 29 | 26/9/22 | | | | | |
| 363 | 1516 | Manish Sharma | M | 35 | 6/10/22 | | | | | |
| 364 | 1517 | Vishnu Seth | M | 26 | 6/10/22 | | | | | |
| 365 | 1518 | Gautam Kumar | M | 25 | 6/10/22 | | | | | |
| 366 | 1519 | Ranjan | M | 24 | 6/10/22 | | | | | |
| 367 | 1520 | Ankur Chaudhary | M | 24 | 6/10/22 | | | | | |
| 368 | 1521 | Deepak Kumar | M | 28 | 10/10/22 | | | | | |
| 369 | 1522 | Amrta Pal | M | 24 | 15/10/22 | | | | | |
| 370 | 1525 | Devesh Chauhan | M | 29 | 10/10/22 | | | | | |
| 371 | 1526 | Raja Kumar | M | 33 | 10/10/22 | | | | | |
| 372 | 1530 | Arun Kumar | M | 33 | 11/11/22 | | | | | |
| 373 | 1531 | Anand Kumar | M | 35 | 9/11/22 | | | | | |
| 374 | 1533 | Deepak Chaudhary | M | 28 | 11/12/22 | | | | | |
| 375 | 1534 | Umesh Basak | M | 33 | 21/2/22 | | | | | |

Note: (1) Col. 8 Detailed summary of reasons for transfer or discharge should be stated.

| Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 |
|--|--|--|---|---------|
| If suspended form work, state period of suspension with detailed reasons | Re-certified for return to duty (with signature of certifying Surgeon) | If certificate of unfitness or suspension issued to worker | signature with date of Certifying Surgeon | |
| | | | | |
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DR. S. K. SHARMA
 M.B.B.S.M.S.
 Generalist, Yashwantrao Chavan Pratishthan
 Reg. No.- 27516

Note: (2) Col. 11 Should be expressed as fit/unit/suspended

HEALTH REGISTER

(in respect of person employed in occupation declared to be dangerous operation U/S 87)

Name of certifying (a) Mr. Dr. Amit Kumar To Max. 2-2 Surgeon From 20-12-20 To 22-12-20 (b) Mr. To

| Serial No | Work No | Name of Worker | Sex | Age (last birthday) | Date of employment | Date of leaving | Reason for leaving | Nature of Job or Occupation | Raw Material or by Product handled |
|-----------|---------|----------------|-----|---------------------|--------------------|-----------------|--------------------|-----------------------------|------------------------------------|
| 401 | 1564 | Mikash Pandey | M | 20 | 20/12/20 | | | | |
| 402 | 1565 | Aniket | M | 22 | 18/12/20 | | | | |
| 403 | | | | | | | | | |
| 404 | | | | | | | | | |

Note :- (1) Col. 8 Detailed summary of reasons for transfer or discharge should be stated.

Form No. 2338007
 कर्मचारी स्वास्थ्य पंजीक

स्वास्थ्य पंजीक

to be dangerous operation U/S 87)

(C) Mr. From To

| Dates of Medical Examination by Certifying Surgeon (11) | | If suspended from work, state period of suspension with detailed reasons | | Re-certified for to resume duty on (with signature of certifying Surgeon) | If certificate of unfitness of suspension issued to worker | signature with date of Certifying Surgeon |
|---|-------|--|-----|---|--|---|
| BP | PULSE | CBC | T&C | SURIN | RAYG | |
| ok | ok | ok | ok | ok | ok | |
| ok | ok | ok | ok | ok | ok | |
|  M.B.S.M.S. कर्मचारी स्वास्थ्य पंजीक पंजीक प्रमाणित करण Reg. No. - 27516 | | | | | | |



Note :- (2) Col. 11 Should be expressed as fir/unit/suspended.

Drinking water distribution nearby vicinity



Drinking water distribution nearby vicinity



Drinking water distribution nearby vicinity



GREEN BELT DEVELOPMENT

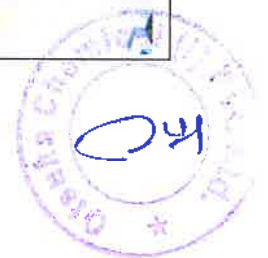
The objective of the green cover or plantation in industry is to reduce the air pollution, restoring water balance, checking soil erosion, attenuate noise pollution and improvement in the overall environment & aesthetics of the plant site.

33.0% i.e. 29,040 Sqm area of total plot area is developed as green belt. Wide green belt is provided all around the boundary wall of project site. The industry has put in serious effort to create the greenery and the number of trees, plants, shrubs and herbs has increased considerably. At present, more than 2548 tree species and about 706 shrubs have been planted in existing greenbelt. Photographs of Green area are given in **Figure 1** & Details of trees already planted are mentioned in **Table 1.1**.









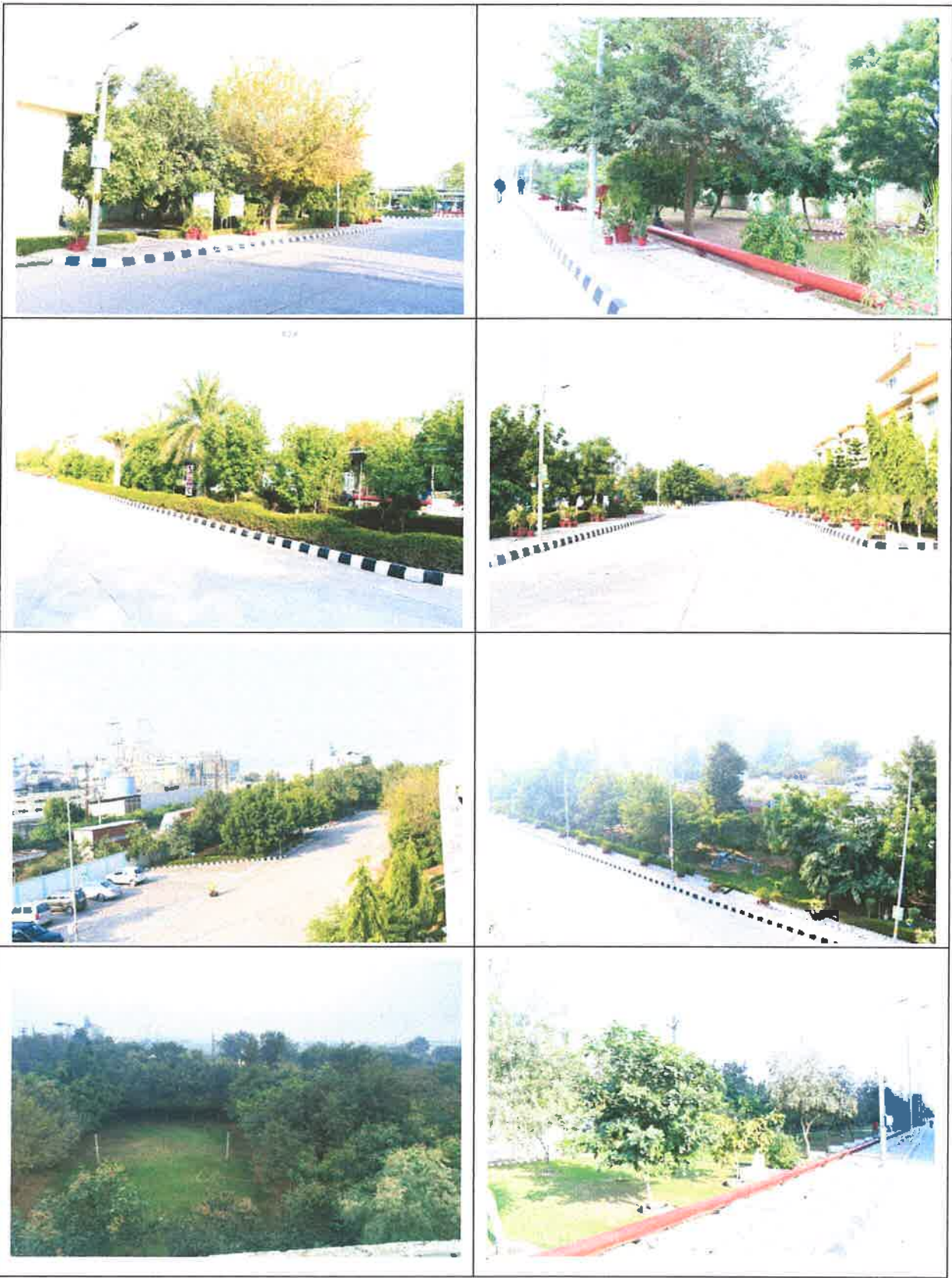


Figure 1 Green Area Development

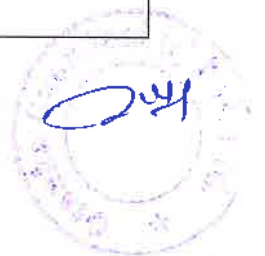


Table 1.1, Species planted in the Industry

| S. No. | Tree name | Quantity |
|--------|--------------------|-------------|
| 1 | Leswa tree | 1 |
| 2 | Peepal | 179 |
| 3 | Balmkhera | 297 |
| 4 | Amla tree | 60 |
| 5 | Karunja | 13 |
| 6 | Mengo | 1 |
| 7 | Shahtoot | 125 |
| 8 | Alstonia | 115 |
| 9 | Chiku tree | 11 |
| 10 | Papadi | 440 |
| 11 | Jamun | 260 |
| 12 | Pilkhan | 263 |
| 13 | Sheesham | 250 |
| 14 | Neem | 275 |
| 15 | Silver oak tree | 28 |
| 16 | Guava | 4 |
| 17 | Ashoka | 130 |
| 18 | Badam | 2 |
| 19 | Arjun | 55 |
| 20 | Akeshiya tree | 6 |
| 21 | Bad | 25 |
| 22 | Gular | 8 |
| | Total | 2548 |
| S. No. | Shrub name | Quantity |
| 1 | Mosami | 5 |
| 2 | Neembu | 9 |
| 3 | Champa | 200 |
| 4 | Karunja | 13 |
| 5 | Gulmohar | 20 |
| 6 | Beri | 6 |
| 7 | Anar | 5 |
| 8 | Kaner | 60 |
| 9 | Chiku tree | 11 |
| 10 | Ficus | 140 |
| 11 | Bougainvillea tree | 130 |
| 12 | Panda | 49 |
| 13 | Mehandi | 8 |
| 14 | Frans tree | 2 |
| 15 | Chandani | 15 |
| 16 | Molshree | 14 |
| 17 | kishmish tree | 7 |
| 18 | Conocarpus | 12 |
| 19 | Bottle Brush | 47 |
| 20 | Bottal palm | 4 |
| | Total | 706 |





TC-6960

MoEF&CC RECOGNIZED LABORATORY vide S.O.
5788(E) Dated 15.11.2018 Valid upto 14.11.2023
ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

| | |
|-------------------------------------|----------------------------------|
| Sample ID No.: SCS/AN/20230322/19 | Date of Registration: 22.03.2023 |
| Report No. SCS/OCIPL/AN/20230322/19 | Date of Report: 31.03.2023 |

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Otsuka Chemical (India) Pvt. Ltd.,
Address of Client : Plot No.: SP3-10 & 11, RJICO Industrial Area, Keshwana Rajpoot, Tehsil:
Kotputali, Jaipur
Date of Monitoring : 22.03.2023
Date of start of testing : 22.03.2023
Date of end of testing : 22.03.2023
Duration of sampling : 24 Hrs.
Type of Industry : Bulk Drugs Industry
Name of Location : Near Material Entry Gate
Parameter required : Ambient Noise

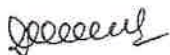
Results

| Parameter | Results dB (A) | |
|-----------|----------------|------------|
| | Day Time | Night Time |
| Leq | 63.8 | 60.3 |

| Category of Zones | Leq in dB(A) | |
|-------------------|--------------|-------|
| | Day | Night |
| Industrial | 75 | 70 |
| Commercial | 65 | 55 |
| Residential | 55 | 45 |
| Silence | 50 | 40 |

1. Day time if from 6.00am to 10 pm
2. Night time if from 10.00 pm to 6 am
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority

Per pro SCS Enviro Services Pvt. Ltd.,


Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



- The results refer only to the tested sample and applicable parameters.
- This report in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report cannot be reproduced without the written permission of the director.
- The sample will be destroyed after 15 days from the date of issue of the test report.
- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to Jaipur jurisdiction.



Uses of personal Protective equipments
Oct-20 to Mar-21

92



Uses of personal Protective equipments
Oct-20 to Mar-21



EC Compliances : Oct-23 to Mar-23

| Sr.No | Date | Tanning sheet no. | Topic | No.of participant |
|-------|------------|-------------------|--|-------------------|
| 1 | 06-10-2022 | 1441 | Fire Protection System in OCIPL | 22 |
| 2 | 15-10-2022 | 1071-1072 | Fire Prevention & Control | 27 |
| 3 | 20-10-2022 | 1093-1094 | Work Permit System | 33 |
| 4 | 27-10-2022 | 1215 | Instrument Safety Systems | 19 |
| 5 | 03-11-2022 | 1239-1240 | Importance of Near Miss Reporting | 27 |
| 6 | 10-11-2022 | 1861 | Equipment Safety Devices | 17 |
| 7 | 17-11-2022 | 1884-1885 | Electrical Safety Equipments | 25 |
| 8 | 24-11-2022 | 1907 | Introduction of Safety Equipment's in OCIPL. | 19 |
| 9 | 01-12-2022 | 1924 | Safe Handling of G-1 | 17 |
| 10 | 08-12-2022 | 1945 | Material Safety Data Sheet | 17 |
| 11 | 16-12-2022 | 2021 | Industrial Hazards & Control Measures | 19 |
| 12 | 22-12-2022 | 2042 | Chemical Hazards | 20 |
| 13 | 29-12-2022 | 1719 | Workplace Safety | 18 |
| 14 | 05-01-2023 | 1743 | Boiler & Turbine Safety | 22 |
| 15 | 12-01-2023 | 1474 | Material Safety Data Sheet | 17 |
| 16 | 19-01-2023 | 1766 | Bhopal Disaster | 18 |
| 17 | 28-01-2023 | 1630 | Chemical Safety | 14 |
| 18 | 02-02-2023 | 1565 | Safety in Centrifugal Pumps | 19 |
| 19 | 09-02-2023 | NA | Workplace Safety | 34 |
| 20 | 16-02-2023 | NA | Pre Startup Safety Review | 24 |
| 21 | 23-02-2023 | NA | Process Safety Management | 23 |
| 22 | 13-03-2023 | 1803 | Electrical System Safety in Industry | 21 |
| 23 | 16-03-2023 | 1805 | Chemical Laboratory Safety | 21 |
| 24 | 23-03-2023 | 1806-1807 | Legal Compliances in Chemical Industry | 36 |
| 25 | 30-03-2023 | 1810 | Active & Passive Fire Protection System | 25 |





Otsuka Otsuka Chemical (India) Pvt. Ltd.

Issued by dept. other than Human Resources

Head Office : 402, JMD Pacific Square, Sector 15, Part-II, Near 32nd Mile Stone,
Gurgaon - 122001, Haryana (India) Tel : +91-124-4597979 (20 Lines)

OCIPL/F/2022-23/Environment Statement –Form-V/031

30.09.2022

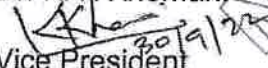
To,
Project Incharge CD
Rajasthan State Pollution Control Board,
4, Institutional area, Jhalana Doongari,
Jaipur.

Subject: Submission of Annual Environment Statement (Form-V) -2021-2022.

Sir,
Please find enclosed herewith Environment Statement (Form-V) for the FY: 2021-2022.

Thanking You
For Otsuka Chemical (India) Pvt. Ltd.

Dr. K. K Khemani


Vice President

CC: Regional Office, Rajasthan State Pollution Control Board, VKI, Jaipur.



FORM V
(See Rule 14)

Environmental Statement for the Financial Year: 2021- 2022

PART – A

(i) Name and address of the owner/occupier of the industry operation or process.

Mr. Oshamu Ito

M/s Otsuka Chemical (India) Pvt. Ltd.

SP-3-10&11, RIICO Industrial Area, Keshwana

Rajpoot, Tehsil: Kotputli, District: Jaipur (Rajasthan)

(ii) Industry category Primary - (STC Code) Secondary — (STC Code).

(iii) Production capacity Units :

| | | |
|-----------|---|---------------|
| 1 GCLE | : | 700 MT/ Annum |
| 2 CDTR-PI | : | 30 MT/ Annum |
| 3 Iohexol | : | 250 MT/ Annum |

(iv) Year of Establishment : 2008

(v) Date of last environmental statement submitted: Sep. - 2021

PART – B

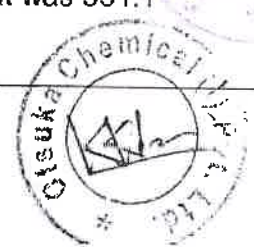
Water and Raw Material Consumption

(1) Water consumption M³/day : GCLE & Iohexol

| | |
|-----------------|-----------|
| Cooling +Boiler | 613.3 KLD |
| Domestic | 17.4 KLD |
| Process | 49.9 KLD |

| Name of products | Process water consumption per unit of product output | |
|---|--|-----------------------------------|
| | During the previous Financial -year | During the current Financial year |
| (1) 4(Paramethoxy Benzyl)-3-Chloromethyl 7-Phenyl Acetameto-3-Cephem-4-Carboxilate (GCLE) | 331.1 KL / Ton | 330.9 KL/ Ton |
| Iohexol | 65.9KL/ton | 63.9KL/ton |

Note: FY 20-21 Process water consumption per unit of product GCLE output was 331.1 KL/Ton.



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FORM V
(See Rule 14)

PART - C

Pollution discharged to environment / unit of output
(Parameter as specified in the consent issued)

(A) Wastewater:

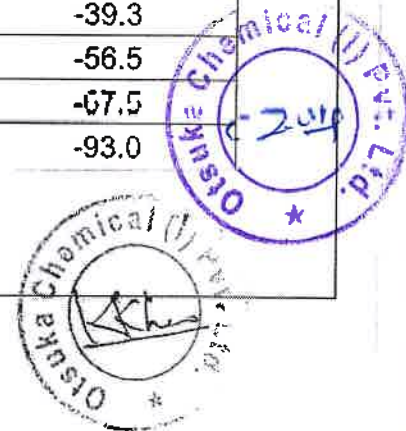
| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|------------------------------|---|---|---|
| pH | 7.87 | 7.25 | - |
| Total Suspended Solids | 1.397 Kg/ Day | 16.75 | -83.25 |
| COD | 5.881 Kg/ Day | 70.5 | -71.8 |
| BOD 3days at 27°C | 0.813 Kg/ Day | 9.75 | -67.5 |
| Oil & Grease | 0 | < 5 | -100 |
| Chromium as Cr ⁺⁶ | 0 | < 0.01 | -100 |
| Total Chromium | 0 | < 0.01 | -100 |
| Ammonical Nitrogen | 0 | < 0.1 | -100 |
| Chloride | 4.996 Kg/ Day | 59.9 | -94.0 |
| Sulphate | 0 | < 5.0 | -100 |
| Sulphide | 0 | < 0.5 | -100 |
| Phenolic Compounds | 0 | < 0.01 | -100 |
| Cyanide | 0 | < 0.2 | -100 |
| Colour | - | - | - |
| Odour | Unobjectionable | Unobjectionable | - |

RESULTS FROM 18 TPH BOILER STACK

| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|------------|---|---|---|
| SPM | 23.519 | 41.88 | -72.1 |

RESULTS FROM INCINERATOR STACK

| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|----------------------|---|---|---|
| Particulate Matter | 1.48 | 16.85 | -66.3 |
| HCl | 3.33 | 37.8 | -24.4 |
| SO ₂ | 1.92 | 21.8 | -89.1 |
| CO | 5.34 | 60.7 | -39.3 |
| NO _x | 15.32 | 174.15 | -56.5 |
| HF | 0.11 | 1.3 | -67.5 |
| Total Organic Carbon | 0.12 | 1.4 | -93.0 |



2548

**FORM V
(See Rule 14)**

**PART -D
HAZARDOUS WASTES**

(As specified under Hazardous waste / management and Handling Rules, 2008)

| Hazardous Wastes | Total Quantity (Kg.) | | | |
|---------------------------------------|---|-----------|--|-----------|
| | During the previous financial year FY: 2020-2021 | | During the current financial year FY: 2021-2022 | |
| (a) From Process | Nil | | Nil | |
| (b) From pollution control facilities | Chemical Sludge from waste water treatment | 65.3 MT | Chemical Sludge from waste water treatment | 57.2 MT |
| | Concentration or evaporation residue (solid) | 1224.7 MT | Concentration or evaporation residue (solid) | 1229.4 MT |
| | Incinerator Ash | 2.17 MT | Incinerator Ash | 2.36MT |
| | Used/ spent oil | 1.0KL | Used/ spent oil | 2145 L |

The above quantity of Chemical sludge from waste water treatment, Concentration or evaporation residue (solid and incineration ash was sent to TSDF, Udaipur for disposal. Used/spent oil sold to RPCB registered Recycler vendor M/s. Continental Petroleum, Behror.

**PART - E
SOLID WASTES**

| Hazardous Wastes | Total Quantity (Kg.) | |
|---|--|---|
| | During the previous financial year 2019-2020 | During the current financial year 2020-2021 |
| (a) From Process | Nil | Nil |
| (b) From pollution control facilities | Nil | Nil |
| (c) 1. Quantity recycled or reused within the unit 2. Sold (MS & SS material) 3. Disposed | - | - |

PART -F

| | | |
|--|--|--|
| Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of waste | Hazardous Waste | Solid Waste |
| | To TSDF, Udaipur, Rajasthan waste management project. (A div. of Ramky Enviro engineers Ltd.) & M/s.Continental Petroleum Behror | Sold for reuse / recycle (Metal scarp) |

PART -G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

We have taken below described water conservation measures to meet out water requirement post expansion.



25/8

FORM V
(See Rule 14)

RESULTS FROM DG SET-I STACK

| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|--------------------------|--|--|---|
| Particulate Matter (SPM) | 0.039 | 69.0 | -8.0 |
| Carbon Monoxide (CO) | 0.194 | 340.0 | -52.1 |
| NOx (as NO2) | 0.036 | 63.3 | -57.8 |
| NMHC (as C) | 0.027 | 47.8 | -52.3 |

RESULTS FROM DG SET-II STACK

| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|--------------------------|--|--|---|
| Particulate Matter (SPM) | 0.039 | 67.9 | -9.5 |
| Carbon Monoxide (CO) | 0.202 | 355.0 | -50.0 |
| NOx (as NO2) | 0.043 | 76.0 | -49.3 |
| NMHC (as C) | 0.029 | 51.5 | -48.5 |

RESULTS FROM DG SET-III STACK

| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|--------------------------|--|--|---|
| Particulate Matter (SPM) | 0.038 | 68.5 | -8.7 |
| Carbon Monoxide (CO) | 0.194 | 347.5 | -51.1 |
| NOx (as NO2) | 0.048 | 85.8 | -42.8 |
| NMHC (as C) | 0.035 | 62.5 | -37.5 |

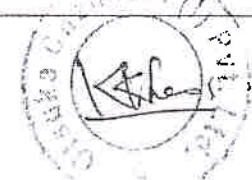
RESULTS FROM DG SET-IV STACK

| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|--------------------------|--|--|---|
| Particulate Matter (SPM) | 0.039 | 68.1 | -9.2 |
| Carbon Monoxide (CO) | 0.191 | 335.0 | -52.8 |
| NOx (as NO2) | 0.043 | 75.5 | -49.7 |
| NMHC (as C) | 0.028 | 49.5 | -50.5 |

RESULTS FROM DG SET-V STACK

| Pollutants | Quantity of Pollutants discharged Kg / day | Concentration of Pollutants discharges (Mass / Volume) | % of variation from prescribed standards with |
|--------------------------|--|--|---|
| Particulate Matter (SPM) | 0.041 | 70.1 | -6.5 |
| Carbon Monoxide (CO) | 0.242 | 412.5 | -41.9 |
| NOx (as NO2) | 0.064 | 108.8 | -27.5 |
| NMHC (as C) | 0.045 | 76.3 | -23.8 |

Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.



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FORM V
(See Rule 14)

(2a) Raw Material Consumption: GCLÉ

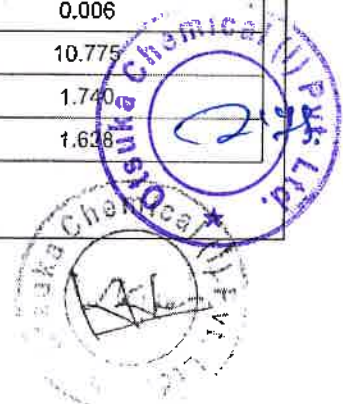
| Name of raw Material | Name of products | Consumption of raw material per unit of output | |
|-------------------------|--|--|--------------------|
| | | During the previous | During the current |
| Penicilline G Potassium | 4(Paramethoxy Benzyl)-3- Chloromethyl-7- Phenyl Acetameto- 3-Cephem-4- Carboxilate (GCLÉ) | 1.76 | 1.76 |
| p-Methoxybenzyl | | 0.62 | 0.62 |
| 2- | | 0.79 | 0.79 |
| Sodium p-tolune | | 0.65 | 0.65 |
| Methanol | | 2.17 | 2.17 |
| N,N- | | 0.87 | 0.87 |
| Methylene Dichloride | | 0.87 | 0.87 |
| Sodium Carbonate | | 0.22 | 0.22 |
| Sodium Bicarbonate | | 0.75 | 0.75 |
| Hydrogen Peroxide | | 0.95 | 0.95 |
| Sodium Thiosulfate | | 0.02 | 0.02 |
| 35% Hydrochloric Acid | | 2.39 | 2.39 |
| 25% Sodium Hydroxide | | 2.82 | 2.82 |
| Potassium Hydroxide | | 0.02 | 0.02 |
| Chlorine (Gas) | | 0.28 | 0.28 |
| Ammonia (Gas) | 0.08 | 0.08 | |

Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

(2b) Raw Material Consumption: Iohexol

| Name of raw Material | Name of products | Consumption of raw material per unit of output | |
|--------------------------|------------------|--|--------------------|
| | | During the previous | During the current |
| Sodium methoxide | Iohexol | - | 2.777 |
| 3-Amino-1,2-Propanediol | | - | 3.951 |
| Glacial Acetic Acid | | - | 1.832 |
| Hydrogen | | - | 5.989 |
| NaCl | | - | 2.285 |
| Iodine | | - | 0.409 |
| Sodium Disulphide | | - | 7.251 |
| NaOH | | - | 0.006 |
| Acetic Anhydride | | - | 10.775 |
| Sodium Metal | | - | 1.740 |
| 3 Chloro 1 2 propanediol | | - | 1.628 |

Q. 100



FORM V
(See Rule 14)

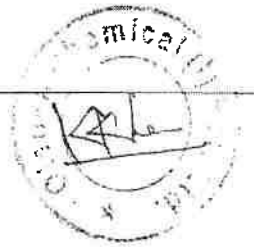
- Reduction in usage of chillers by process optimisation, thus reducing the cooling water consumption in chillers & Installation of a return pumping & piping system in chilled water return circuits from plant, enabling used chilled water coming back to chiller inlet.
- Replacement of all gland pumps with seal pumps thereby stopping the usage of process water for cooling of glands.
- Re-usage of wash water of last wash of present batch in the first wash of forthcoming batch.
- Optimization of draining frequency of seal water of vacuum pumps by effective checking & monitoring of water quality & Installation of cooler cum separator in high-capacity vacuum pumps, for cooling & recirculation of seal water.
- Steam condensate recovery enhancement by the installation of steam-operated condensate transferring pumps and arresting steam leakages at various.
- Automation of urinals and overhead tanks to avoid the overflow of raw water.
- Reuse of treated effluent for floor washing, road washing & cleaning.
- Replaced conventional water ring vacuum pumps with energy-efficient water ring vacuum pumps, thereby saving a lot of seal water in all process blocks.
- MEE-I pumps mechanical seals are cooled by CT Water and drain is going to Intermediate tank. Closed seal water circuit to be provided.
- Level Switch has been provided at DM plant tank to avoid overflow
- CW1 (5°C) open system has been converted to Close System.
- Pollution abatement/ control measures & cost on production.

| | |
|--|------------------|
| 1. Running & maintenance of pollution control facility | Rs.7,26,01,432/ |
| 2. Cost of Disposal of ETP Sludge to Udaipur (Payment made to Ramky Enviro Engineers) | Rs.1,10,15,171/ |
| 3. Development & Maintenance of Garden. | Rs.26,45,000/ |
| 4. New tree procurement for green belt enhancement | Rs. 2,18,000 |
| 5. Compliance & Monitoring. | Rs.3,14,919 |
| # Total | Rs.8,67,94, 522/ |

PART -H

Additional measures / investment proposal for environmental protection including abatement of pollution prevention of pollution.

- We have upgraded the WWM (ETP) laboratory for close monitoring of plant treatment performance.
- We have installed Bio compost machine for in-house canteen & horticulture waste.
- Procured & planted new trees of Rs. 2,18,000/ during the FY: 21-22.
- Installed & commissioned the 8.5 MWp DC capacity MW solar power plant at Jhunjhinyali, Jaisalmer, to reduces the carbon foot print & energy saving.
- Investment proposal for sludge dryer for ETP sludge qty. reduction.



QSP

FORM V
(See Rule 14)

PART -I

Any other particulars for improving the quality of the environment.

The company is fully committed to produce its products without creating hazards to the Ecology and Environment.

1. The industry is having full-fledged treatment systems for the treatment of different types of waste i.e. Effluent Treatment Plant, Stripper, Multi Effect Evaporator, ATFD & Incinerator which are running and treating wastes as per the norms.
2. The effluent generate by the industry is treated & treated effluent parameters are well within the norms of RSPCB and treated effluent utilized within the plant premises & we are maintaining Zero liquid discharge (ZLD).
3. As it is clear from the reports of Ambient Air Pollution within the factory premises the pollution level is well below the limits of RSPCB.
4. There is no Noise Pollution. The noise level is well within the limits of pollution control board prescribed for industrial Zone parameter limits.
5. The company takes Environment Management and Pollution Control as an essential part of its management function with water conservation initiative.
6. Our approach to the environment management is very clear and staff member are well trained about it's aspects.
7. A team of well trained officer is there, who are able to attend any problem and trouble shoot regarding pollution control.
8. Annually environment awareness programs are been made and implemented successfully to educate our staff and workman's.

