CIN: U24239DL2006PTC144368



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/2023-23/EC Compliance-GCLE/ 01

To,

02.05.2023

The Regional Director,

Ministry of Environment, Forest and Climate Change

Aranya Bhawan, Jhalana Doongri

Jaqipur, (RAJ).

Subject:

EC Compliance F.No. J-11011/241/2012-IA-I/(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.

Dr. Kishore Kumar Khemani

Vice President

CC: Regional Office RSPCB, VKI Jaipur

Enclosures: As per attached List

List of Annexure

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Environment Clearance Compliance status

Proponent name: Otsuka Chemical (India) Pvt. Ltd.

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

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 ecosensitive 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 lohexol). Expansion will be done in following

two pridaes.			
Detail			
Existing Proposed		g Proposed	Existing
GCLE - 200 MTPA Cefditoren — 30 MTPA MTPA Cefditoren — 30 MTPA Cefditoren — 30 MTPA Cefditoren — 30 MTPA M	benyle-3- to 450 increase A to 450 based) reducing 2019): to 700 ncreased 00 MTPA of new reactors, distillation reducing	GCLE (4-Parametho benyle chlormethy1-7-phenyl acetameto3-cephem-4-carboxilate)- from 200 to MTPA; Production increfrom existing 200 MTPA to MTPA through (R&D basyield improvement, reductionses etc. Phase 2 (by the year 2019): GCLE — from 450 to MTPA; Production increafrom 450 MTPA to 700 MT through installation of requipment like react centrifuges, dryers, distilla system and also reduction increafrom 450 MTPA; Production increafrom 450 MTPA to 700 MT through installation of requipment like react centrifuges, dryers, distilla system and also reduction increafrom 450 MTPA	MTPA Cefditoren — 30 MTPA

Production of both the phases has been commenced with respect to GCLE & lohexol. CTO of both products have been obtained on 24/03/2022

2. 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 along with 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 280m³/day to 800m³/day after expansion.

ESP has been installed and is used for controlling the particulate matter whose efficiency remains more than 90%.

Refer attached Photograph as Annexure - 01.

As per order of Honorable supreme court, we are using only coal from 1^{rst} 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.

Scrubber has been installed in process vents to control emission viz Hcl.

Refer attached Photograph as Annexure-01

Agree.



	Environment Clearance Compliance status Proponent name: Otsuka Chemical (India) Pvt. Ltd. GCLE & Iohexol:- F.No. J-11011/241/2012-IA-II(I): Oct-2	22 to Mar-23		3
	Industrial effluent generation will be increased from 66 m³/day to 128 m³/day after expansion.	Agree.		
	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 COD/TDS h in existing and ex TDS/COD effluer	as already l xpansion plant is being to by MEE an	
		Description	(ppm)	TSS (ppm)
		ETP Inlet	9200	112(TSS)
		ETP Outlet (MVRE cond.)	100	08 (TSS)
		As above, emi stipulated stand		is are below the exure-02
	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.	Low TDS effluen followed by MVR being reuse in Cattached as Ann instead of RO sy	E treatment ooling tower exure-03 to	t. Condensate is r. EC amendment
	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	We are maintain Effluent Treatme Refer attached l	nt & manag	
	premises. ETP sludge and MEE salt will be sent to TSDF.	ETP sludge & Coresidue (ATFD s Udaipur for final attached as Ann	alt) is being disposal. M	sent to TSDF
	Spent oil will be sent to the authorized recycler/re-processors. DG set (1 x 1500 KVA) will be installed.	Used/ Spent oil is recycler. Refer re Annexure no. 0	ecycler aut	
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 therefore public t		
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		AND THE MADE OF THE PARTY OF TH
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,		No Cho	0191

	Environment Clearance Compliance status Proponent name: Otsuka Chemical (India) Pvt. Ltd. GCLE & lohexol:- F.No. J-11011/241/2012-IA-II(I): Oct	-22 to Mar-23
	18tn -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	
ı	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 no06
#E	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.
111	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 along with pet coke in furnace bed as a sulphur capturing agent.	As per order of Honorable supreme court, we are using only coal from 1 ^{rst} Jan-18 instead of pet coke. As Indonesian/ steam coal have very low sulfur content so there is no need to use
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
	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
V	The levels of PM2.5, PM10, S02, NOX, VOC, CO and HCI shall be monitored in the ambient	Quarterly Environment Monitoring results are being displayed on main gate

CO and HCI shall be monitored in the ambient

air and emissions from the stacks and displayed

at a convenient location near the main gate of VOC monitoring reports - page no. 43 to 55

being displayed on main gate.

	Environment Clearance Compliance status	7		
	Proponent name: Otsuka Chemical (India) Pvt. Ltd.	0.4.1500		
42	GCLE & lohexol:- F.No. J-11011/241/2012-IA-II(I): Oct-2	2 to Mar-23		
	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	Noted and agree. The Environment monitoring report is aiready being sent to RSPCB.		
VI	respective Zonal office of CPCB and the Rajasthan State Pollution Control Board (RSPCB). In plant control measures for checking fugitive	In order to control fugitive emissions materials/		
	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	chemicals are handled in close system. Suitable dust control arrangements are provided in powder process areas. All emissions are within stipulated limits of RSPCB.		
	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.			
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.	Yes, closed handling system for chemicals i.e. storage tank pumps and pipelines with day storage tank exits. Yes condenser is available on each reactor.		
	 System of leak detection and repair of pump/pipeline based on preventive maintenance. 	Preventive maintenance schedule for all the equipments are implemented for addressing the issues of leakages & repairs.		
	 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. 	4. Complying with		
	Cathodic protection shall be provided to the underground solvent storage tanks.	No underground solvent storage tank.		
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.	Adequate stack height is provided for all the DG sets with acoustic enclosure. Refer DG noise reports as <i>Annexure-08</i>		
IX	Solvent management shall be carried out as follows:	Reactors condensers are connected with		
	Reactor shall be connected to chilled brine condenser system.	necessary cooling arrangement like Brine chilling, cooling water etc. Pumps with mechanical seal are installed to		
	Reactor and solvent handling pump shall prevent the leakages.			

Environment Clearance Compliance status Proponent name: Otsuka Chemical (India) Pvt. Ltd. GCLE & Johexol:- F.No. J-11011/241/2012-IA-II(I): Oct-22 to Mar-23 to prevent have mechanical seals For effective recovery efficient condensers have leakages. been installed to achieve more than 95% solvent recovery. 3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. Solvent are stored separately as per PESO 4. Solvents shall be stored in a separate norms... space specified with all safety measures. 5. Proper earthling shall be provided in all Proper earthling has been provided to all equipments and regular inspections are done to electrical equipment wherever maintain continuity. solvent handling is done. All electrical fitting are flame proof in all 6. Entire plant shall be flame proof. The flammable areas /Zone. Breather valve are solvent storage tanks shall be provided placed at solvent storage tank. with breather valve to prevent losses. Solvent storage tanks have been provided with 7. All the solvent storage tanks shall be suitable safety gadgets like flame arrestors, fire connected with vent condensers with chilled brine circulation. hydrant system etc. Total fresh water requirement from ground Complying with. water source shall not exceed 800 M3/day and prior permission shall be obtained from the CGWA/ SGWA. Trade effluent segregation in High COD/TDS & Trade effluent should be segregated into High Low COD/TDS has already been implemented in COD/ TDS and Low COD/TDS effluent streams. existing and expansion plant. High TDS/COD High TDS/COD should be passed through effluent is being treated through steam stripper steam stripper followed by MEE and ATFD followed by MEE and ATFD (agitated thin film (agitated thin film drier). drier). Low TDS effluent is being treated in ETP Low TDS effluent stream should be treated in followed by MVRE treatment. Condensate is ETP and then passed through RO system. being reuse in Cooling tower. EC amendment Condensate and recover water will be recycled/ attached as reused within factory premises. Clear mother Annexure -03 to have MVRE instead of RO liquor of stripper containing dissolved residual system. solids and high boiling organic solvents will be sent to incinerator Noted & Agree. No effluent is being discharged Zero effluent discharge should be adopted and outside the factory. Effluent is being treated and no effluent will be discharged outside the recycled to DM plant and cooling towers premises. Automatic /online monitoring system (24x7 XIII Automatic /online monitoring system (24*7monitoring devices) for flow measurement monitoring devices) for flow measurement and and pH, COD, BOD, TSS in the effluent relevant pollutants in the treatment system in treatment have been installed and connected waste water and air quality monitoring to be with CPCB / RSPCB servers. installed. The data to be made available to the respective SPCB and in the Company's website Refer Annexure-09 for installed online monitoring system. Hazardous chemical is stored in tank farm and VIX

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ΧI

XII

XV

Hazardous chemicals shall be stored in tanks.

tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer

As proposed, process organic residue and spent

shall be by pumps.

to TSDF Udaipur for disposal

flame arrestors are installed at storage tanks.

ETP sludge and evaporation salt are being sent

	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 m²area 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 M² has already being developed. Photo graph attached as Annexure-15

	GOLL & MIRADI. 1 .140. 0-1 10 11/24 11/20 12-1A-11(1) . OCE-22 to Mar 20				
		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		
L		×			

B. General condition

ł	The project authorities shall strictly adhere to the stipulations made by the State Government and Rajasthan State Pollution Control Board (RSPCB).	Noted & agree.
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.
111	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
٧	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	oradialo lo di progreco.

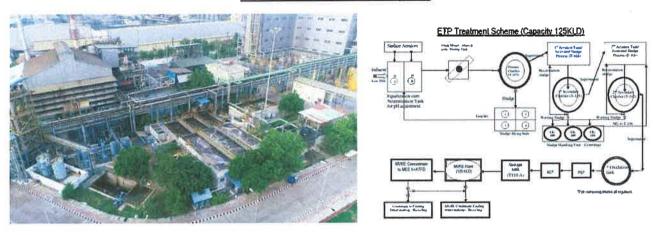
	CLE & IONEXOI:- F.NO. J-11011/241/2012-IA-II(I) . OCI-22	
	avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	Complying with.
VII	Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.	PPEs are 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.
х	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	Refer Annexure no.14
ΧI	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.

	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	
	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	
VV A	under the Environment (Protection) Rules, 1986,	Complying with.
XVI	as amended subsequently, shall also be put on	Refer Annexure-19
	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.	¥
	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	Published in local news paper and submitted to
	SPCB/Committee and may also be seen at	your office Dec-15
	Website of the Ministry at <u>www.moef.nic.in</u> . This	
XVII	shall be advertised within seven days from the	
1	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.	
	The project authorities shall inform the Regional	5 1 15 11 5 10
	Office as well as the Ministry, the date of	· ·
XVIII	financial closure and final approval of the project	Date of start of project July-16
	by the concerned authorities and the date of start	
	of the project	,
V.117	The Ministry may revoke or suspend the	Carried day a south
XIX	clearance, if implementation of any of the above	Complying with.
	conditions is not satisfactory	
	The ministry reserve the right to stipulate	Blatad C Agran
XX	additional condition, if found necessary. The	Noted & Agree.
	company in a time bound manner will implement	
	these conditions.	
	The above conditions will be enforced, inter-alia	
	under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention &	Noted & Agree.
	Control of Politition) Act, 1974, All (Prevention & Control of Water Politition) Act, 1981, the	Noted & Agree:
XXI	Environment (Protection) Act, 1986 Hazardous	
^^	Waste (Management, Handling and Trans-	
	boundary Movement) Rules, 2008 and the Public	and the same of th
	Liability Insurance Act, 1991 along with their	volcal (i)
	amendments and rules	(3)
	with the terms of the terms	10/
		OF DUL TO

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.

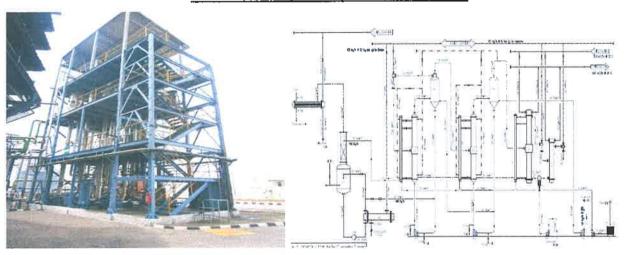
- Separation & segregation of effluent, generating from the process
 - High TDS Effluent
 - Low TDS Effluent
 - · Organic Solvent residue

Effluent Treatment Plant (ETP)

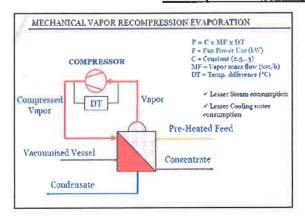


Effluent Treatment Plant is required to treat the liquid waste of an industry. Company has 125 KLD capacity of ETP to treat Low Total Dissolved Solid effluent coming for process.

Multi Effect Evaporator (MEE-I with stripper)



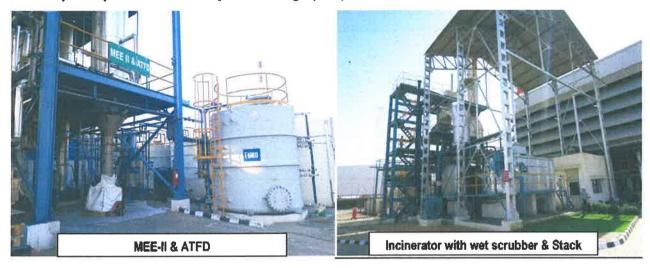
MVRE (Mechanical Vapour Recompression Evaporator)





MEE-II & ATFD & Incinerator

Solid Liquid separation – Zero Liquid discharge (ZLD)



Sewage treatment plant (STP)





Boiler Stack with ESP



Scrubbers









SCS SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE. RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U/4140BJ2013PTC042216



MOLFAGE RECOGNIZED LABORATURY VIDS 5.0. 5768(E) Dated 15.11.2018 Valid upto 14.11.2023 150-901:2015 CERTIFIED LABORATORY 150-901:2015 CERTIFIED LABORATORY 160-913011:2018 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 Date of start of testing

22.03.2023 23.03.2023

Date of end of testing Details of Sample

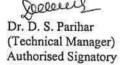
31.03.2023 ETP Inlet Water

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
BOD3Days 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 Hexavalant 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	4	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.,





- The results refer only to the tested sample and applicable parameters.
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- 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.

Mo.: 9414080354, 9166770354, Fax: 0141-2523723, E-mail- scsenviroservices@gmail.com, dsparihar@scsenviro.in, Website: www.scsenviro.in

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-14001:2016 CERTIFIED LABORATORY ISO-45001:2018 CERTIFIED LABORATORY

Date of Registration: 22.03.2023
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 Date of end of testing

23.03.2023 31.03.2023 ETP Inlet Water

Details of Sample Sample sent by

Industry Representative

Parameter	Results	Norms as Per EP Act	Protocol
Methylene Chloride	3.4 Mg/L	2#	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

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



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- 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.

Mo.: 9414080354, 9166770354, Fax: 0141-2523723, E-mail- scsenviroservices@gmail.com, dsparihar@scsenviro.in

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S SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-6960

MoFFACC RECOGNIZED LABORATORY vide S.O.
3769[2] Dalvid (a. 11,2016 vallo upito 14,11,202)
(SO-90012015 CERTIFIED LABORATORY
(SO-190116 UNITTINE LABORATORY
(SO-190116 UNITTINE 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 Date of start of testing 22.03.2023 23.03.2023 31.03.2023

Date of end of testing
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
BOD3Days at 27°C	12 Mg/L	Not to exceed 30 Mg/L	
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	
Chromium Hexavalant as Cr16	< 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 S2 F
Phenolic Compounds	< 0.01 Mg/L	Not to exceed 1 Mg/L	
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	
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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Mo.: 9414080354, 9166770354, Fax: 0141-2523723, E-mail- scsenviroservices@gmail.com, dsparihar@scsenviroin, Website: www.scsenviro.in

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/OCIPL/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 : 23.03.2023 : 31.03.2023

Date of start of testing Date of end of testing Details of Sample

31.03.2023 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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The liability of the laboratory is limited to the invoiced amount.

All disputes are subjected to Jaipur jurisdiction.

CACULATION WASHINGTON STORY

Mo: 9414080354, 9166770354, Fax: 0141-2523723, E-mail- sesenviroservices@gmail.com, departhar@sesenviro.in, Website, www.sesenviro.in

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: <u>lk.bokolia@nic.in</u> 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 Haryaan – 122001

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

Subject: Expansion of Bulk Drug Manufacturing Unit at Village KeshwanaRajpoot, 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 29^h 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 lohexol). Expansion will be done in following two phases.

Item	Detail						
-10-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Existing						
Production Capacity	GCLE - 200 MTP. Cefditoren – 30 M	Phase 1 (by the year 2017): GCLE (4-Parametho benyle-3- chlormethyl-7-phenyl acetameto 3-cephem-4-carboxilate)- from 200 to 450 MTPA; Productior increase from existing 200 MTPA to 450 MTPA through (R&D based) yield improvement, reducing losses etc.					

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

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M/s Otsuka Chemicals (India) Pv. Little

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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 studge and MEE salt will be sent to TSDF. 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

- 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 TSDF 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.
- 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, NOX, 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).

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

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- In plant control measures for checking fugitive emissions from all the vulnerable sources ví) 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.
- For further control of fugitive emissions, following steps shall be followed: viñ
 - 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.
- 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.
- (x) Solvent management shall be carried out as follows:

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- 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.
- Total fresh water requirement from ground water source shall not exceed 800 m3/day and X) prior permission shall be obtained from the CGWA/SGWA.
- Trade effluent should be segregated into High COD/TDS and Low COD/TDS effluent xi) 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 (iix premises.
- Automatic /online monitoring system (24x7 monitoring devices) for flow measurement and xiii) 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.

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

- 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.
- 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 m²area 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:

- The project authorities shall strictly adhere to the stipulations made by the State Government and Rajasthan State Pollution Control Board (RSPCB).
- 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

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M/s Otsuka Chemicals (Indie) Pvi Ltd.

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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 garland drains 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 Parisad/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.

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Mis Otsuka Chemicals (India) Pvt. Ltd.

- 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 vemacular 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 Poliution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur, Rajasthan.
- 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.
- Guard File/Monitoring File/Record File.

(Lalit Bokolia) Additional Director

M/s Olsuka Chonicals (India) Pvi. Lid

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

Indira Paryayaran Bhawac Aliganj, jorbagh Road New Delhi - 110 003

E-mail: yoʻgendra78@nic.in Telefax: 011-24695365

Dated: 22nd February, 2017

The Director M/s Otsuka Chemicals (India) Pvt. Ltd. 416, JMD Pacific Square, Sec-15, part-2 NH-8, Gurgaon, Haryana - 122001 5 mail: draminmalhotragectsukaindia com Fax No. 0124-4597980

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

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

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
- 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
 - Process organic residue/distillation residue is being incinerated in a in-(i) 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 Ecaporator) in place of RO 8.1 RO technology to be replaced with MVRE in existing EC.
- Installing one 187PH boiler to generate electricity through back pressure turbine, instead of existing 10TPH and an additional 8TPH as mentioned in
- The above proposal was considered in its 12th Expert Appraisal Committee (industry-2) meeting held during 23rd to 24th August 2016 and the committee

4.7-1

Proposal No. LA/RJ/LND/3641/1012



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. 7 336 Lacs for MVRE and 7 456 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.

(Yogendra Pal Singh) Scientist 'D'

- The Chairman, Rajasthan Pollution Control Board, 4, Institutional Area, Jhlana, Doongri, Jaipur, Rajasthan.
- 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.

(Yogendra Pai Singh) Scientist 'D'



Sr.	Manifest	Date	Oty (MT)	Catego	ory	104/14/
No	No	Date	Qty. (MT)	Schedule	Code	HW Waste Description
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 qt	ty. (Oct-22)	100.73	NA	NA	NA

Sr.	Manifest	Date	Otre (MIT)	Category		(IM)Warra O
No	No	Date	Qty. (MT)	Schedule	Code	HW Waste Description
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. (N	ov-22)	100.78	NA	NA	NA NA

Sr.	Manifest	Date	Oty (MATI	Category		laww
No	No	Date	Qty. (MT)	Schedule	Code	HW Waste Description
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. (De	ec-22)	141.23	NA	NA	NA

Sr.	Manifest	Date	Qty.	Catego	ory	LIM/M/make Description
No	No	Date	(MT)	Schedule	Code	HW Waste Description
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.	Manifest	Date	Qty.	Categ	ory	LIM Marte Consisting
No	No	Date	(MT)	Schedule	Code	HW Waste Description
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	a 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	Data	Qty. (MT)	Category			
		Date		Schedule	Code	HW Waste Description	
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	





RAIASTHAN STATE POLLUTION CONTROL BOARD

4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 0141-5159600,5159695Fax: 0141-5159697

Registered



29

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

Date:-

09/06/2022

Unit ld: 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	Category		Quantity/	Hazardous Waste
	Hazardous waste	Sch	Code	Unit	Disposal Practice
1	Empty barrels/ containers/		33.1	2000.00	Used as raw material
	Liners contaminated with hazardous chemicals/wastes	I		MT/ANNUM	
2	Chemical sludge from waste			3.60	CTDF Udaipur /
	water treatment	I	35.3	MT/ANNUM	Coincineration
3	Sludge from wet scrubbers	I	37.1	324.00	CTDF Udaipur /
				MT/ANNUM	Coincineration
4	Ash from incinerator and			396.00	CTDF Udaipur /
	flue gas cleaning residues	I	37.2	MT/ANNUM	Coincineration
5	Organic residues from			1170.00	Incineration
	process	1	4.4	MT/ANNUM	1 (E) 25

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Date:-

09/06/2022

Unit Id: 774

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

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

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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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Date:-

09/06/2022

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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.
- 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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Unit Id: 774

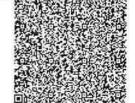
In addition to waste mentioned at para 3.0 above, the authorization is also 10 granted for collection, disposal, generation, incineration, Reception, Storage and Transport of hazardous waste having calorific value more than 2500 KCAL/Kg i.e. 1.2 Tarry residues (TDI Tar), 1.3 Oily sludge emulsion, 1.4 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 ,33.1 Empty barrels/ containers/ absorbable organic halides [AOx] contaminated with hazardous chemicals/ waste, 33.2 Contaminated cotton rags 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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Date:-

09/06/2022

Unit Id: 774

- 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.
- 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.
- That facility shall keep storage area up to 2930 sqm 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 plezometric 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.
- 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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Date:-

09/06/2022

Unit Id: 774

- 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, falling 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.
- That industry shall comply Direction No. 53. vide 33 letter. F. No. A-110018/01/2021-CAQM/6510-6518 Dated 04/02/2022, given Commission by for Air Quality Management in National Capital Region and Adjoining Areas act, 2021- Review of Direction No. 49 dated 15/12/2021.
- industry shall comply 34 Direction No. 56. vide letter. F. No.A-110018/01/2021-CAQM/6591-6595 dated 08/02 2022, given bγ 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.
- That industry shall also comply Directions No.62, vide letter F. No. A-1 10018/01/2021-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.

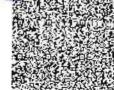
39 The hazardous waste should not be stored for a period beyond 90 days, failing which the authorisation shall deemed to be revoked.

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Registered

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

Date:- 09/06/2022

Unit ld: 774

- 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 isssued 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 againt 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

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



TC-6960

MoEFACC RECOGNIZED LABORATORY vide 5.D. 5788(E) Dalad 15.17.2018 Valid upto 14.11.2023 150-9001;2016 CERTIFIED LABORATORY 150-4501:2016 CERTIFIED LABORATORY 150-45001:2018 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, RIICO Industrial Area, Keshwana Rajpoot, Tehsili

Kotputali, Jaipur

Date of Monitoring
Date of start of testing
Date of end of testing

: 22.03.2023 : 23.03.2023 : 31.03.2023

Duration of sampling
Type of Industry

: 30 Minutes : Bulk Drugs Industry

Weather conditions

Sunny

Name of Location

Stack attached to ESP of Boiler 18 TPH

Ambient Temperature Stack Temperature : 34.1°C : 125°C

Parameter required

: PM, SO₂ and NOx

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



TC-6960

OBFACC RECOGNIZED LABORATORY vide S.C. GKEI Daled 15.11.2015 Valid upto 14.11.2023 0-5061:2015 CERTIFIED LABORATORY 0-14001:2016 CERTIFIED LABORATORY C-45001:2016 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
	Date of Re

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 Date of start of testing Date of end of testing Duration of sampling

28.12.2022 10.01.2023 30 Minutes

26.12.2022

Type of Industry

Bulk Drugs Industry

Weather conditions

Sunny

Name of Location

Stack Attached to venturi scrubber of Incinerator

23.2℃

Ambient Temperature Stack Temperature

115℃ : PM, SO2, NOx, CO, HCl, TF

Parameter required 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 NOx	240.9 mg / Nm ³	400 mg / Nm ³	IS 11255 (Part 7)
HCI 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.

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



TC-6960

MOEFBCC RECOGNIZED LABORATORY vide S.O. 5788(E) Dated 16.11.2019 Valid upto 14.11.2020 ISO-3001:2015 CERTIFIED LABORATORY ISO-4501:2016 CERTIFIED LABORATORY ISO-4501:2018 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 Date of start of testing

22.03.2023 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

27°48'23.4"N

the Location

76°13'20.5"E

Ambient Temperature

Name of Location

32.9°C Near Material Entry Gate

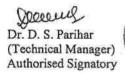
Parameter required

: PM₁₀, PM_{2.5}, SO₂, NO₂, CO

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	$94.7 \mu g / m^3$	$100 \mu g / m^3$	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)	$16.8 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _X)	39.1 μg/m ³	$80 \mu g / m^3$	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,489 µg/m ³	$2,000 \mu g / m^3$	SCS/SOP/AAQ/013

Per pro SCS Enviro Services Pvt. Ltd.,





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



TC-6960

MOEFACC RECOGNIZED LABORATORY vide S.O. \$788(E) Dated 19,11,2018 Vand upto 14,11,2020 150-9801:2019 CERTIFIED LABORATORY 150-4801:2018 CERTIFIED LABORATORY 150-45801:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AAQ/20230322/17	Date of Registration: 22,03,2023
Report No. SCS/OCIPL/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.: \$P3-10 & 11, RHCO Industrial Area, Keshwana Rajpoot, Tehsil: Kotputali, Jaipur

Date of Monitoring Date of start of testing : 23.03.2023

22.03.2023

Date of end of testing Duration of sampling

31.03.2023 : 8 Hrs.

Type of Industry

Bulk Drugs Industry

GPS Coordinates of

: 27°48'18.0"N

the Location

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)	$79.5 \mu g / m^3$	$100 \mu g / m^3$	IS 5182 (Part 23)	
Particulate Matter (PM _{2.5})	48.2 μg / m ³	$60 \mu g / m^3$	IS 5182 (Part 24)	
Sulphur Dioxide (SO ₂)	$12.5 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 2)	
Oxide Of Nitrogen (NO _X)	$23.7 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 6)	
Carbon Monoxide (CO)	$1,260 \mu g / m^3$	2,000 μg / m ³	SCS/SOP/AAQ/013	

Per pro SCS Enviro Services Pvt. Ltd.,

Vooceer 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



TC-6960

MAEFACE RECOGNIZED LABORATORY vide 5 6768(E) Dated 15.11.2018 Valls upto 14.11.2022 180-8091:2013 CERTIFIED LABORATORY ISO-14001:2015 CERTIFIED LABORATORY ISO-45001:2016 CERTIFIED LABORATOR

Date of Registration: 22.03.2023
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 Date of start of testing : 23.03.2023 Date of end of testing

22.03.2023

Duration of sampling

: 31.03.2023 : 8 Hrs.

Type of Industry

Bulk Drugs Industry

GPS Coordinates of

: 27°48′22.9"N

the Location

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)	$67.1 \mu g / m^3$	100 µg/m³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	$40.3 \mu g / m^3$	60 μg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	$9.3 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _X)	$20.5 \mu g / m^3$	80 μg/m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	$1,031 \mu g / m^3$	2,000 μg/m ³	SCS/SOP/AAO/013

Per pro SCS Enviro Services Pyt.

Deller 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

1SO-9001:2015 CERTIFIED LABORATORY ISO-14001:2015 CERTIFIED LABORATORY ISO-45001:2018 CERTIFIED LABORATORY

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
Date of start of testing

27.12.2022 28.12.2022

Date of end of testing Duration of sampling

10.01.2023 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	$< 0.1 \text{ mg} / \text{Nm}^3$	=======================================	SCS/SOP/SE/41

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar

(Technical Manager) Authorised Signatory



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Mo.: 9414080354, 9166770354, Fax: 0141-2523723, E-mail- scsenviroservices@gmail.com, dsparihar@scsenvirosm, Website: www.scsenviro.in

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 10.01.2023

Date of end of testing 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	$< 0.1 \text{ mg} / \text{Nm}^3$		SCS/SOP/SE/41

Per pro SCS Enviro Services Pvt. Ltd.,

Jeoreens

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-44001:2015 CERTIFIED LABORATORY ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20221226/49	Date of Registration: 26.12.2022
Report No. SCS/OCIPL/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 : 28.12.2022

Date of start of testing 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	$< 0.1 \text{ mg} / \text{Nm}^3$	P	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 28.12.2022

Date of start of testing 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	$< 0.1 \text{ mg} / \text{Nm}^3$	7	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 Duration of sampling

10.01.2023 30 Minutes

Type of Industry

Bulk Drugs Industry

Weather conditions Name of Location

Sunny

Stack attached to SC-308

Parameter required

: VOC'S

RESULTS

Parameter	Observed Value	Standard Value	Protocol
Volatile Organic Compounds as VOC's	$< 0.1 \text{ mg} / \text{Nm}^3$	-	SCS/SOP/SE/41

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. 17. 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-9801:2015 CERTIFIED LABORATORY ISO-14001:2015 CERTIFIED LABORATORY ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20221226/52	Date of Registration: 26.12.2	
Report No. SCS/OCIPL/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 28.12.2022

Date of start of testing Date of end of testing

10.01.2023

Duration of sampling

30 Minutes

Type of Industry Weather conditions Bulk Drugs Industry
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	$< 0.1 \text{ mg} / \text{Nm}^3$	#	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/20221226/53	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 10.01.2023

Date of end of testing 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	$< 0.1 \text{ mg} / \text{Nm}^3$		SCS/SOP/SE/41

Per pro SCS Enviro Services Pvt. Ltd.,

Decemb

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



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- July

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, Tehsili

Kotputali, Jaipur

Date of Monitoring

27.12.2022

Date of start of testing

28.12.2022

Date of end of testing
Duration of sampling

10.01.2023 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	$< 0.1 \text{ mg} / \text{Nm}^3$	*	SCS/SOP/SE/41

Per pro SCS Enviro Services Pvt. Ltd.,

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



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- · 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-8001:2015 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
Date of end of testing

28.12.2022 10.01.2023

Duration of sampling

30 Minutes

Type of Industry
Weather conditions

Bulk Drugs Industry

Name of Location

Sunny

Paramatan naminad

Stack attached to SC-312

Parameter required

VOC'S

RESULTS

Parameter	Observed Value	Standard Value	Protocol
Volatile Organic Compounds as VOC's	$< 0.1 \text{ mg} / \text{Nm}^3$		SCS/SOP/SE/41

Per pro SCS Enviro Services Pvt. Ltd.,

Joecens

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 Date of end of testing : 28.12.2022 : 10.01.2023

Duration of sampling
Type of Industry

30 Minutes 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	$< 0.1 \text{mg} / \text{Nm}^3$		SCS/SOD/SE/A1

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/20221226/57	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 Date of start of testing Date of end of testing

27.12.2022 28.12.2022 10.01.2023

Duration of sampling

30 Minutes
Bulk Drugs Industry

Type of 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.,

Joeleens

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/20221226/58	Date of Registration: 26.12.2022	
Report No. SCS/OCIPL/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, RIICO Industrial Area, Keshwana Rajpoot, Tehsili

Kotputali, Jaipur

Date of Monitoring
Date of start of testing

: 27.12.2022 : 28.12.2022 : 10.01.2023

Date of end of testing Duration of sampling

30 MinutesBulk Drugs Industry

Type of 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	$< 0.1 \text{ mg} / \text{Nm}^3$	99	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/20221226/59	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, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:

Kotputali, Jaipur

Date of Monitoring

27.12.2022 28.12.2022

Date of start of testing Date of end of testing

: 10.01.2023

Duration of sampling

30 Minutes **Bulk Drugs Industry**

Type of 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	$< 0.1 \text{ mg} / \text{Nm}^3$	3	SCS/SOP/SE/41

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)



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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. \$168(5) Delad 16.11.2019 Valid upto 14.11.2023 150-8001:2015 CERTIFIED LABORATORY 180-14601:2016 CERTIFIED LABORATORY 150-45001:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/SN/20230322/22-26	
Sample 10 110.: SCS/SIV/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
Date of end of testing

22.03.2023 22.03.2023 22.03.2023

Duration of sampling
Type of Industry

10 Minutes each
Bulk Drugs Industry

Parameter required RESULTS

: DG Set Noise

Name of Location	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 toss 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

Per pro SCS Enviro Services Pvt. Ltd.,

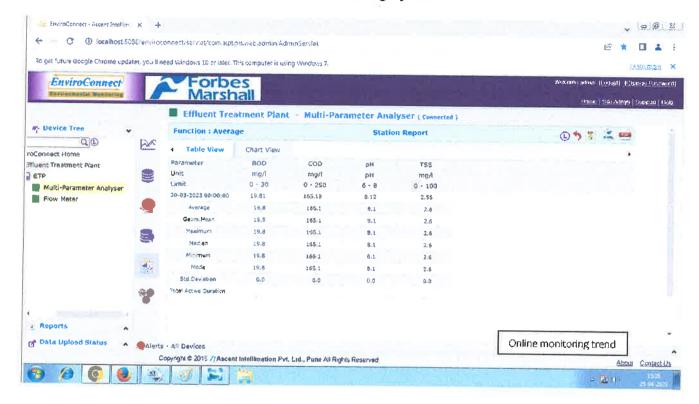
Dr. D. S. Parihar (Technical Manager) Authorised Signatory



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Online Monitoring System











4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 141-5159600Fax: 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	С	ategory	Quantity/	Hazardous Waste
	Hazardous waste	Sch	Code	Unit	Disposal Practice
1	Flue gas cleaning residue			3.00	CTDF Udaipur
		l	35.1	MT PER ANNUM	
2	Chemical sludge from waste			75.00	CTDF Udaipur
	water treatment	I	35.3	MT PER ANNUM	
3	Concentration or evaporation			1500.00	CTDF Udaipur
	residues	I	37.3	MT PER ANNUM	
4	Used or spent oil			2.00	Sales to Registered
		I	5.1	KL/ANNUM	Recycler

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







4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 141-5159600Fax: 0141-5159697

Registered

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

Date:-

30/03/2021

Unit ld: 6

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 Poilution 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



4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 141-5159600Fax: 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

- 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.
- 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.
- 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.





4, Institutional Area, Jhalana Doongarl, Jaipur-302 004

Phone: 141-5159600Fax: 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.
- 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.
- 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 isssued by the MoEF or CPCB or State Board related to collection, disposal, reception, storage & treatment of hazardous waste.





4. Institutional Area, Ihalana Doongari, Jaipur-302 004

Phone: 141-5159600Fax: 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 environmental angle only, and does not absolve the project proponent from the statutory obligations prescribed under any other law or 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 againt 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 BoardJaipur(North) to ensure the compliance
- 2 Master File

Group Incharge







UDAIPUR CHAMBER OF COMMERCE & INDUSTRY

उदयपुर चैम्बर ऑफ कॉमर्स एण्ड इण्डस्टी

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

UCCI/HWM-440/2017-18 - 65

20th September, 2017

Otsuka Chemical (India) Pvt. Ltd. Plot No. SP-3 – 10 & 11, RHCO 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	Categ	ory	
OANO	Hazardous Waste	Schedule	Code	Quantity/Unit
ll-	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 Choudhary

President

1) Member Secretary, Rajasthan State Pollution Control Board, Jaipur

2) Regional Officer, Rajasthan State Pollution Control Board. Josephi

3) Ramky Enviro Engineers Ltd., Udaipur



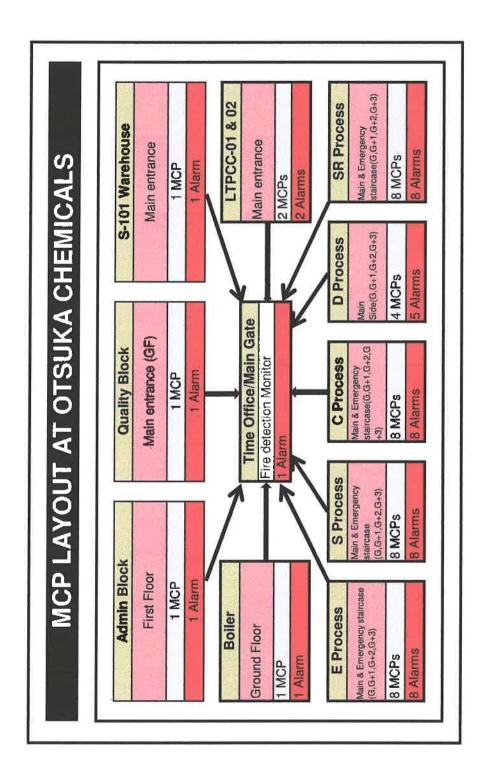
CO AMBER BILAWAN, MEWAR INDUSTRIAL AREA, MADRICUDARGUR - 313000 (Rsj.)

TEL. (0294) 2491060, 2497215. Website www.ucrindaipm.com

E-mail neciseoglastmadacen, iafon accindapor com

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HEALTH REGISTER (In respect of person employed in occupation declared

Tadav (D) Mr. Kumak Name of certifying (a) Mr. Land

To Mar 23

From Oct 2.2

Surgeon

अर्धि (गद बन्धंपुद्ध स्र) Age (kst birthday)

Occupation Mature of Job of या सवा सेक अब कारण महर्म होट्रे/स्थानान्यहा κεφεουτοι τε τη Κεφερουτοι (Εθγική Καρτί (Εφγική) Κα हुन मित्र कार कार्य कार्य हुन कि दिन्छ फिक भीवे CILIER WORK Cale of leaving transfer to Mack linesend vio मीति कि क्रीपृत् Date of employment

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Name of Worker

कार्यकत्तां का नाम

Work No. कार्क सं

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Form 19 R.F. Rule 14

HEALTH REGISTER (In respect of person employed in occupation declared

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To 12,23 From Oct 22 Surgeon

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Form 19 R.F. Rule 14

HEALTH REGISTER (In respect of person employed in occupation declared

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(b) Mr. Talar 00

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(C) Mr.

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HEALTH REGISTER (In respect of person employed in occupation declared

Form 19 R.F. Rule 14

to be dangerous operation U/S 87)

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From,

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(C) Mr.

Name of certifying (a) Mr. Dr. Mand. Kumsen. Yarlan. (b) Mr.

नियाता: 2338007 नयकार उपक्रम सिवेश लाइन अहणर

From Surgeon From Cat 22 to Mar 23

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(b) Mr. Kinnan Vaine of certifying (a) Mr. Dr. Huich

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(C) Mr.

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Form 19 R.F. Rule 14

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HEALTH REGISTER (In respect of person employed in occupation declared

to be dangerous operation U/S 87)

Name of certifying (a) Mr.

Surgeon

Form 19 R.F. Rule 14

Yadav (b) Mr 2 Dr. Alich Kumal

निर्माताः 2338007 नवकार उपक्रम मिषकः सद्देन, अञ्चर

From. To Hay From. Oct 22

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用几 HEALTH REGIST

(In respect of person employed in occupation declared

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From Oct.

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Name of certifying (a) Mr.

Form 19 R.F. Rule 14

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(C) Mr.

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HEALTH REGISTER (In respect of person employed in occupation declared

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HEALTH REGISTER

(In respect of person employed in occupation declared

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Serial No.

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From Oct 22

Surgeon

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HEALTH REGISTER (In respect of person employed in occupation declared

Yedav. (b) Mr. Kumak Name of certifying (a) Mr. Dr. Amult

ė Mar. 2-3 Age (last birthday)

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From Oct 24

Surgeon

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Name of Worker कार्यकत्तां का नाम

Work No. कार्य सं.

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From.

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HEALTH REGISTER (In respect of person employed in occupation declared

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(b) Mr. Name of certifying (a) Mr. Dr. Auch From . Oct 22

Surgeon

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

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

Drinking water distribution nearby vicinity





Drinking water distribution nearby vicinity





Drinking water distribution nearby vicinity







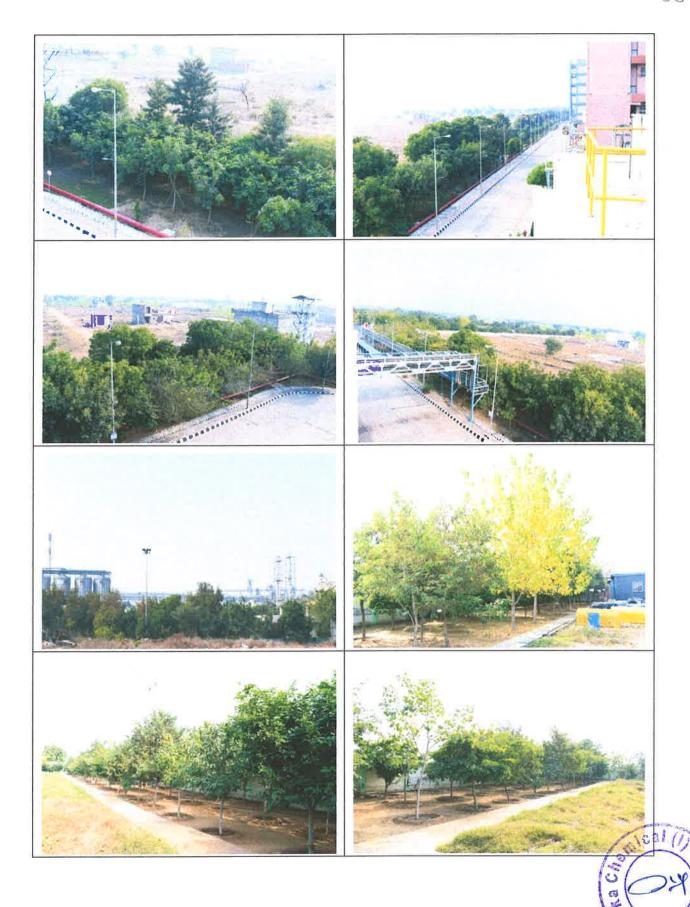
GREEN BELT DEVELOPMENT

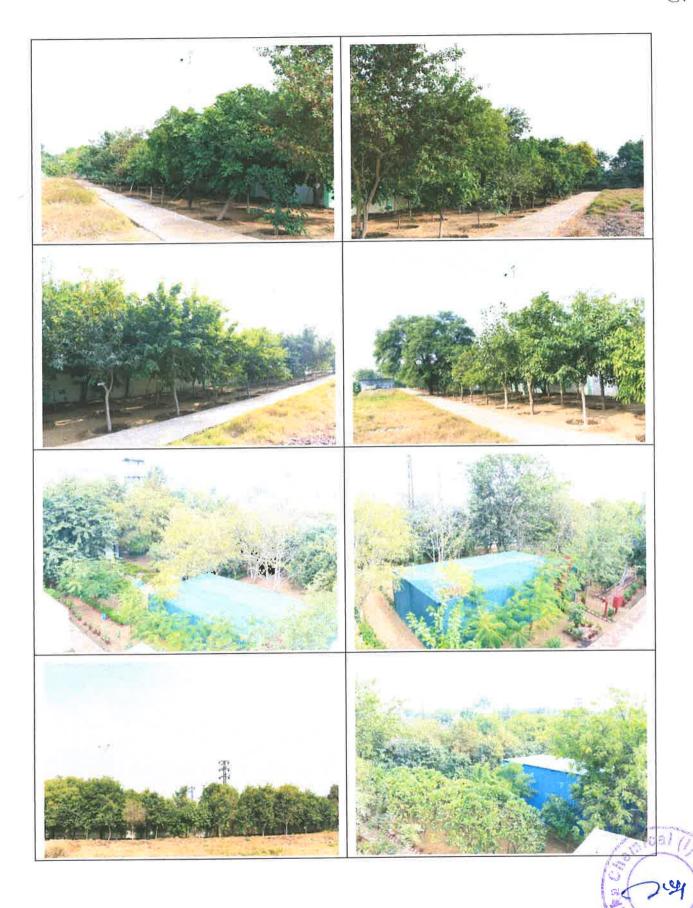
The objective of the green cover or plantation in industry is to reduce the air pollution, restoring water balance, checking soil erosion, attenuate noise pollution and improvement in the overall environment & aesthetics of the plant site.

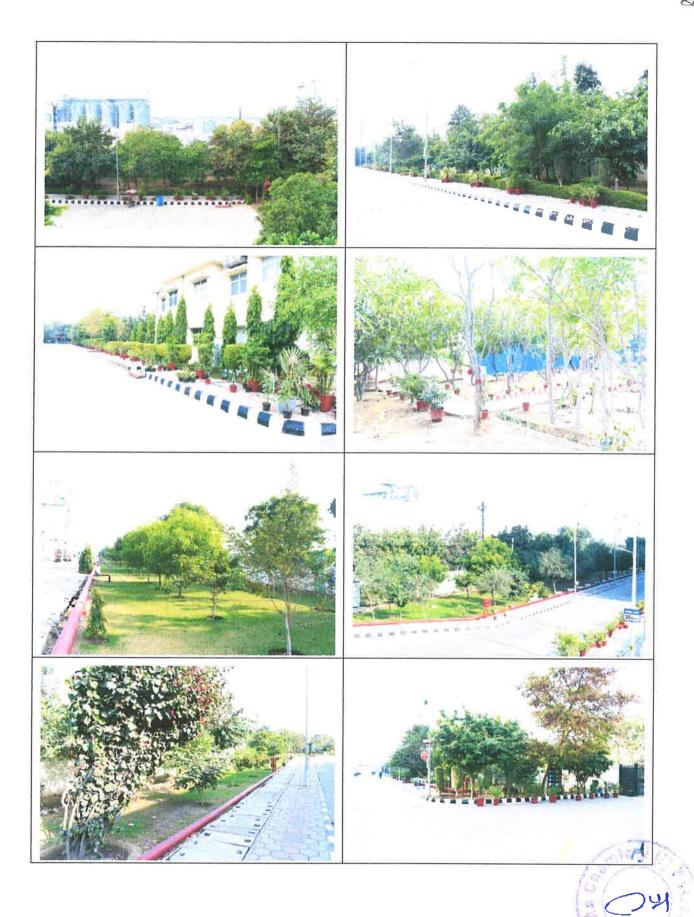
33.0% i.e. 29,040 Sqm area of total plot area is developed as green belt. Wide green belt is provided all around the boundary wall of project site. The industry has put in serious effort to create the greenery and the number of trees, plants, shrubs and herbs has increased considerably. At present, more 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**.

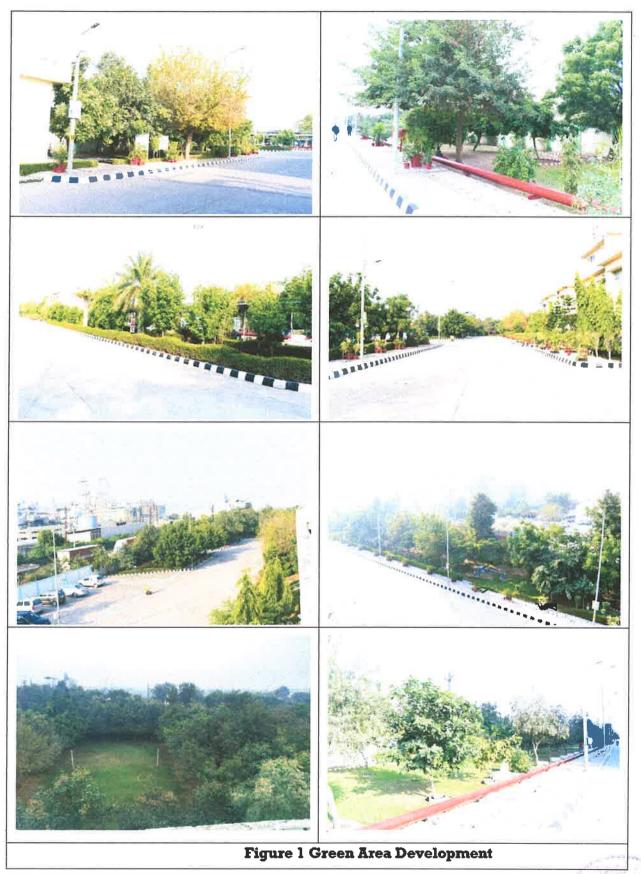


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Table 1.1, Species planted in the Industry

5. 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
20	Total	2548
S. No.	Shrub name	Quantity
1	Mosami	5
	Neemhu	1 9
2	Neembu	9 200
2 3	Champa	200
3 4	Champa Karunja	200 13
2 3 4 5	Champa Karunja Gulmohar	200 13 20
2 3 4 5 6	Champa Karunja Gulmohar Beri	200 13
2 3 4 5 6 7	Champa Karunja Gulmohar Beri Anar	200 13 20 6
2 3 4 5 6 7 8	Champa Karunja Gulmohar Beri Anar Kaner	200 13 20 6 5
2 3 4 5 6 7 8	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree	200 13 20 6 5 60
2 3 4 5 6 7 8 9	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus	200 13 20 6 5 60 11
2 3 4 5 6 7 8 9 10	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree	200 13 20 6 5 60 11 140
2 3 4 5 6 7 8 9 10 11	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree	200 13 20 6 5 60 11 140
2 3 4 5 6 7 8 9 10 11 12 13	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree Panda	200 13 20 6 5 60 11 140 130 49
2 3 4 5 6 7 8 9 10 11	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree Panda Mehandi	200 13 20 6 5 60 11 140 130 49
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree Panda Mehandi Frans tree	200 13 20 6 5 60 11 140 130 49 8
2 3 4 5 6 7 8 9 10 11 12 13 14	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree Panda Mehandi Frans tree Chandani	200 13 20 6 5 60 11 140 130 49 8 2
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree Panda Mehandi Frans tree Chandani Molshree kishmish tree	200 13 20 6 5 60 11 140 130 49 8 2 15 14
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree Panda Mehandi Frans tree Chandani Molshree kishmish tree	200 13 20 6 5 60 11 140 130 49 8 2 15 14 7
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Champa Karunja Gulmohar Beri Anar Kaner Chiku tree Ficus Bougainvillea tree Panda Mehandi Frans tree Chandani Molshree kishmish tree	200 13 20 6 5 60 11 140 130 49 8 2 15 14 7 12

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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

MDEF&CC RECOGNIZED LABORATORY vide 5.0.
5788(E) Daked 18.11.2018 Valid uplo 14.11.2023
180-901:2015 CERTIFIED LABORATORY
180-48019.591 GERTIFIED LABORATORY
180-45001;2016 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, RIICO Industrial Area, Keshwana Rajpoot, Tehsil:

Kotputali, Jaipur

Date of Monitoring

: 22.03.2023 : 22.03.2023

Date of start of testing Date of end of testing

: 22.03.2023

Duration of sampling

: 24 Hrs.

Type of Industry Name of Location : Bulk Drugs Industry: Near Material Entry Gate

Parameter required

: Near Material Entry : Ambient Noise

Results

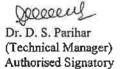
Silence

Parameter	Results dB (A)								
	Day Time	Night Time							
Leq	63.8	60.3							
Category of Zones	Leq in	ı dB(A)							
	Day	Night							
Industrial	75	70							
Commercial	65	55							
Residential	55	45							

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- 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.,





- 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.



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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	3 3
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

CIN: U24239DL2006PTC144368



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) Rvt. Ltd.

Dr. K. K Khemani

Vice President

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



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 lohexol

250 MT/ Annum

(iv) Year of Establishment

2008

(v) Date of last environmental statement submitted:

Sep. - 2021

PART - B

Water and Raw Material Consumption

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

Cooling +Boiler	613.3 KLD	
Domestic	17.4 KLD	
Process	49.9 KLD	

	Process water consumption per unit of product output		
Name of products	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)	rges from prescribed
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	•	-	1.50
Odour	Unobjectionable	Unobjectionable	•

RESULTS FROM 18 TPH BOILER STACK

Pollutants	Quantity of Poliutants 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

KEGGETO T KOM MOMENTATION				
Pollutants	Quantity of Pollutaπts discharged Kg / day	Concentration of Pollutants discharges (Mass / Volume)	% of variation from prescribed standards with	
Particulate Matter	1.48	16.85	-66.3	
HCI	3.33	37.8	-24.4	
SO ₂	1.92	21.8	-89.1	
CO	5.34	60.7	-39.3	
NOx	15.32	174.15	-56.5	
HF	0.11	1.3	-67.5	
Total Organic Carbon	0.12	1.4	-93.0	

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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	Nii		Nil			
	Chemical Sludge from waste water treatment	65.3 MT	Chemical Sludge from waste water treatment	57.2 MT		
(b) From pollution control	Concentration or evaporation residue (solid)	1224.7 MT	Concentration or evaporation residue (solid)	1229.4 MT		
facilities	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

	Total Quantity (Kg.)		
Hazardous Wastes	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	Hazardous Waste	Solid Waste
terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of 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.

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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

RESOLIO I ROM DO CET-M OTAGIC				
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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(2a) Raw Material Consumption: GCLE

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 (GCLE)	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	lohexol	-	2.777	
3-Amino-1,2-Propanedoil		-	3.951	
Glacial Acetic Acid		-	1.832	
Hydrogen		-	5.989	
NaCl		-	2.285	
lodine		-	0.409	
Sodium Disulphide		-	7.251	
NaOH		-	0.006	
Acetic Anhydride		-	10.775	
Sodium Metal		-	1.7400	
3 Chloro 1 2 proponediol		-	1.618	

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- 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.

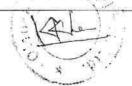
Running & maintenance of pollution control facility	Rs.7,26,01,432/
Cost of Disposal of ETP Sludge to Udaipur (Payment made to Ramky Enviro Engineers)	de Rs.1,10,15,171/
3. Development & Maintenance of Garden.	Rs.26,45,000/
4. New tree procurement for green belt enhancement	Rs. 2,18,000
5. Compliance & 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 Jhinjihinyali,
 Jaisalmer, to reduces the carbon foot print & energy saving.
- Investment proposal for sludge dryer for ETP sludge qty. reduction.

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PART -

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.

- 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.
- 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.
- There is no Noise Pollution. The noise level is well within the limits of pollution control board prescribed for industrial Zone parameter limits.
- The company takes Environment Management and Pollution Control as an essential part of its management function with water conservation initiative.
- Our approach to the environment management is very clear and staff member are well trained about it's aspects.
- 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.

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