



Saurav Chemicals Limited

Works: Derabassi-Barwala Road, Village **Bhagwanpura**, Tehsil Derabassi,
District Sahibzada Ajit Singh Nagar, Punjab, India -140507
Tel.: +91-1762-506091 & 522180
Website: www.sauravchemicals.com, CIN: U24112PB1993PLC014017

SCL-III/MoEF&CC/ 1940

25-May-2021

The Advisor,

Ministry of Environment, Forests & Climate Change
Northern Regional Office
Bays No. - 24-25, Sector 31-A,
Dakshin Marg, Chandigarh 160030

Subject: Submission of Six Monthly Compliance Status Report for the period from Oct - 2020 to Mar - 2021: M/s Saurav Chemicals Limited), Village Bhagwanpura, Barwala Road, Derabassi, Distt-Mohali (PB.)

Dear Sir,

This is regarding six monthly compliance status reports for the period of Oct-20 – Mar-21 (including one CD).

We are a Zero Liquid Discharge Unit since April 2016 & we have been successfully operating the plant on the same principle. We have got Water Consent on Zero Liquid Discharge Plant basis in the month of June 2016.

Please find below Six Monthly Compliance Report for the period Oct - 2020 to Mar-2021.

Sr. No	Compliance Description	Remarks
I	Statutory Compliance	
1	The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of diversion of forest land for non-forest purpose involved in the project.	Complied. Copy of forest clearance attached herewith as Annexure-I.
2.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	Not applicable As the project is not located in the eco sensitive zone.

For SAURAV CHEMICALS LTD.


Authorised Signatory

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Corp. Office: Plot No. 370, Industrial Area, Phase-II, Panchkula, Haryana, India-134109, Tel.: +91-172-5054817-18



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3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)	Not applicable in the view of (ii) above.
4	The project proponent shall obtain the necessary permission from Central Ground Water Authority/competent authority concerned, in case of drawl of ground water and also in case of surface water required for the project. In case of non-grant of permissions by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from competent authority.	Complied. Permission for ground water abstraction has been obtained from PWRDA, Chandigarh. Copy of the same is attached as Annexure-II.
5	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab State Pollution Control Board/Committee.	Complied. CTE valid until 15/04/2022 as per copy of authorization. Copy enclosed of the same as Annexure - III. CTO under the Air Act -1981 having validity up-to 31-03-2025 & the Water Act 1974 having validity up-to 30-09-2024 has already been obtained. Copy of CTO is attached as Annexure - IV & V.
6	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied. Valid until 30.09.2024 as per copy of authorization. Copy enclosed of the same enclosed as Annexure-VI.
7	The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of rules.	Noted & Complied. For SAURAV CHEMICALS LTD.



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8	The project proponent shall comply with the CLU conditions imposed by competent authority, if any.	Our Unit is running since 2004 & at that time there was no need of CLU.
9	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.	Noted & complied.
II Air Quality monitoring and preservation		
1.	The project proponent shall install 24x7 continuous monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB & CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Continuous Online monitoring system installed. (Parameter report is attached as Annexure – VII).
2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Fugitive emissions monitoring report is attached as Annexure – VIII.
3	The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM 10 and PM 2.5 in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x emissions) within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	We have installed one ambient air quality monitoring system to monitor the PM ₁₀ , PM _{2.5} , SO ₂ & NO _x . Analysis report is attached as Annexure – IX & X (third party analysis approved by PPCB & in-house analysis).
4	To control source and fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through the stack of adequate height as per CPCB/SPCB guidelines.	We do not have coal fired boiler.

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5	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Complied. Covered sheds with pucca floor provided for storage of raw material.
6	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21 st July, 2010 and amended from time to time shall be followed. 16 th November, 2009	Noted & all time complied.
7	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. 826 (E) dated 16 th November, 2009 shall be complied with	Noted & being complied.
8	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant of regulations and guidelines in this regard.	DG sets have been provided acoustic enclosure having adequate stack height.
9	Ambient air & noise levels should conform to prescribed standards both during day & night. Incremental pollution loads on ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines, maintain the record for the same and all the mitigation measures should be taken to bring down the levels within the prescribed standards.	To reduce the noise levels in critically area we have provided acoustic enclosures. We have being monitored the noise levels in and around the plant premises & monitored data is attached as Annexure - XI.
III	Water quality monitoring and preservation	
1.	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises,	We have installed the online continuous effluent monitoring system, web cameras & flow meters at required locations.
2	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	Complied: The industry is achieving zero liquid discharge.
3	The effluent discharge shall conforms to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	Noted & being complied. In-house testing results are attached as Annexure - XII & monitoring report from Third party lab is attached as Annexure - XIII.

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4	Total fresh water requirement shall not exceed the 125 KLD. Prior permission shall be obtained from the concerned regulatory authority/CGWA with regards to renewal of NOC. Further, additional 44 KLD water requirements for green belt shall be met from GMADA STP as treated waste water of 4 MLD as per the agreement.	Noted & being complied. Last one year monthly average bore well withdrawal data is attached as Annexure – XIV.
5	Process effluent/any waste water shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Complied. Separate channel system has been provided for effluent & storm water system. So there is no chance for mixing of effluent with storm water.
6	The company shall store the rainwater from roof tops of the buildings and utilize the same for different industrial operations within the plant.	Rain water harvesting within the project premises is not allowed by Punjab Pollution Control Board. Copy of the same is attached as Annexure – XV.
7	Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.	Ready mixed concrete is being used to reduce the water demand.
8	Provide electromagnetic flow meter at intake of water supply from at the borewell for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used for re-using the treated wastewater back into the system and for horticulture purpose/greenbelt etc.	Magnetic flow meters at intake of water, ETP inlet & RO permeate water has been provided and flow meters data is being sent to PPCB on monthly basis. Flow data sheet for the month of April-21 is attached as Annexure – XVI.
9	A proper record regarding ground water abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.	Agreed and being complying. Proper record of meters has been maintained on daily basis.
10	Fixtures for showers, toilet flushings and drinking should be low flow either by use of aerators or pressure reducing devices or sensor-based control.	Waterless urinals and push tap has been provided in whole premises of the plant and in some areas sensor base tap system is provided to reduce the pressure & flow of water.
11	Separation of drinking water supply, treated sewage supply and treated permeate line leading back to process water should be done by the use of different colors.	Noted & being complied. For SAURAV CHEMICALS LTD.

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IV	Noise monitoring and prevention	
1	Acoustic enclosure shall be provided to DG set for controlling the noise pollution	Acoustic enclosures provided at all DG sets to control the noise pollution.
2	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 source of noise generation.	Complied. As per the monitoring report attached as Annexure – XI.
3	The ambient noise levels should conform to the standards prescribed under EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Noted & being complied.
V	Energy Conservation measures	
1	The energy sources for lighting purposes shall preferably be LED based.	LED system is provided for lighting arrangements.
2	The project proponent shall make efforts to ensure the reduction of overall power demand which may be met by solar system including the provision of solar water heating or through any other innovative environment friendly techniques.	Complied. Solar power system has been provided for the lighting arrangements.
VI	Waste management	
1	All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Noted.
2	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens barricading and debris chute shall be installed at the site during construction including plastic/ tarpaulin sheet covers for truck bringing in sand & material at site.	Noted & shall be taken care off.
3	Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate water resources. The dump sites for such material must be secured, so that they should not leach into the ground water.	Noted & shall be taken care off. For SAURAV CHEMICALS LTD. 

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4	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arrestors shall be provided on tank farm and solvent transfer through pumps.	Complied. We have provided tanks & drums for storage of hazardous chemicals. Flame arrestors also provided on tank farm area & all storage tank. Flame proof pumps are provided for transferring of flammable solvents.
5	Process organic residue and spent carbon, if any shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to TSDF.	Organic residue, spent carbon & spent solvents is being sent to co-processing units authorized by Punjab Pollution Control Board & ETP sludge, evaporation salt sent to TSDF Nimbua site through proper Manifest system.
6	The project proponent shall abide by the provisions of Solid waste Management Rules, 2016 (amended from time to time), if applicable.	Noted & being complied.
7	<p>The company shall undertake waste minimization measures as below:</p> <ul style="list-style-type: none">a. Metering and control of quantities of active ingredients to minimize waste.b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.c. Use of automated filling to minimize spillage.d. Use of Close Feed system into batch reactors.e. Venting equipment through vapor recovery system.f. Use of high pressure hoses for equipment cleaning to reduce wastewater generation. <p>More than 1200 numbers of trees already been planted, and rest 672 plants will be planted in monsoon of year 2021 and 2022.</p>	<ul style="list-style-type: none">a. Noted & complied.b. Noted & complied.c. Noted.d. Noted & complied.e. Noted & Complied.f. Noted & complied. <p>We have installed 450 more plants in plant premises. Total 1650 trees yet planted. Rest is being planted upto 2022.</p>

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VII	Green Belt	
1	The green belt of 10 m width shall be developed in more than 33% of total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Total 1872 trees to be planted without accounting the shrubs and protect the same with the tree guard made of concrete. More than 1200 numbers of trees has already been planted and rest 672 plants will be planted in monsoon of year 2021 and 2022.	Photographs of plantation are enclosed herewith. So far, we have installed 450 more plants in plant premises. 1650 no. of tress have been planted as of date. Rest of the plantation will be completed by 2022.
VIII	Safety, Public hearing and Human health issues	
1.	Emergency preparedness plan based on Hazard Identification & Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied. Approved On-site & Off-site emergency plan by Factory Inspector & shall be implemented. Same is attached as Annexure – XVII.
2	The unit shall make the arrangement of protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per norms.	Complied. The unit has valid fire safety certificate. Copy of the same attached as Annexure – XVIII. Adequate fire system has been provided such as portable fire extinguishers, smoke detectors, etc.
3	The PP shall provide Personal Protective Equipments (PPE) as per the norms of Factory Act.	Complied. PPE requirement of different areas are identified & same is being issued as per the Factory Act.
4	Training shall be imparted to all employees on safety and health aspects of chemical 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.	Agreed and being complying. Training imparted to all employees. We have conducted health check up twice in a year for all the employees. Medical check-up data is Attached as Annexure – XIX & Contract agreement is also attached as Annexure – XX.

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5	Provision shall be made for housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted.																																									
6	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factory Act.	We have conducted health check up twice in a year of all employees. Medical check-up data is Attached as Annexure – XIX & Contract agreement is also attached as Annexure – XX.																																									
7	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed on public places.	Separate area is marked for parking of raw materials & finished products inside the plant premises.																																									
8	A first aid room will be provided in the project both during construction and operation phase of the project.	Noted.																																									
IX Corporate Environment Responsibility																																											
1.	The project proponent shall comply with the provisions contained in the Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The company will be responsible of Corporate Environment Responsibility within 5 year of time. As the project cost is Rs. 67.0 Crores, therefore 1% of project cost i.e. Rs. 67.0 Lacks needs to be reserved for CER activity as per the office memorandum of CER dated 01-05-2018. The activities cover is as under:																																										
<table border="1"><thead><tr><th rowspan="2">DESCRIPTION</th><th rowspan="2">ACTIVITY PROPOSED</th><th rowspan="2">ENVIRONMENT ASPECT</th><th rowspan="2">COST</th><th colspan="2">Timeline</th><th rowspan="2">Compliance</th></tr><tr><th>Start</th><th>End</th></tr></thead><tbody><tr><td>1. Govt. Middle School Saidpura</td><td>Water coolers in school</td><td>Sanitation</td><td>Rs 2.5 Lacs</td><td>May-21</td><td>--</td><td rowspan="2">Agreed and shall be complied within the due course of time</td></tr><tr><td></td><td>Plantation of trees all around the boundary wall of schools</td><td>Aesthetic & Pollution Control</td><td>Rs 2.5 Lacs</td><td>Jun-21</td><td>Jun-23</td></tr><tr><td>2. Govt. Middle School Rampur Sainia</td><td>Solar panel in school</td><td>Energy saving/Resource Conservation</td><td>Rs 12.0 Lacs</td><td>Nov-21</td><td>--</td><td rowspan="3">For SAURAV CHEMICALS LTD Authorised Signatory</td></tr><tr><td>3. Govt. Elementary School Kuranwala</td><td>Separate Toilets for boys and girls in school</td><td>Sanitation</td><td>Rs. 12.0 Lacs</td><td>May-22</td><td>June-22</td></tr><tr><td></td><td>Health and environment</td><td>Education</td><td>2.5 Lacs</td><td>Jun-21</td><td>Jun-21</td></tr></tbody></table>		DESCRIPTION	ACTIVITY PROPOSED	ENVIRONMENT ASPECT	COST	Timeline		Compliance	Start	End	1. Govt. Middle School Saidpura	Water coolers in school	Sanitation	Rs 2.5 Lacs	May-21	--	Agreed and shall be complied within the due course of time		Plantation of trees all around the boundary wall of schools	Aesthetic & Pollution Control	Rs 2.5 Lacs	Jun-21	Jun-23	2. Govt. Middle School Rampur Sainia	Solar panel in school	Energy saving/Resource Conservation	Rs 12.0 Lacs	Nov-21	--	For SAURAV CHEMICALS LTD Authorised Signatory	3. Govt. Elementary School Kuranwala	Separate Toilets for boys and girls in school	Sanitation	Rs. 12.0 Lacs	May-22	June-22		Health and environment	Education	2.5 Lacs	Jun-21	Jun-21	
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	camps				
	Other requirements	---	2.5 Lacs	---	---
Kheri Jatan	Water Treatment plant, and pipeline for agricultural field	Sanitation	Rs 23.0 Lacs	Jun-20	Jun-21
	Cleaning of Pond	Rain water harvesting	Rs 10.0 Lac	Jun-20	Jun-21
	Total		67 Lacs		

The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.

2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/violation of the environmental/forest/wildlife norms/ conditions. The company shall have defined system of reporting infringements/deviations/violation of the environmental/forest/wildlife norms/ conditions to all shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.					EHS policy is already available & attached as Annexure - XXI.
3	A separate Environmental Cell both at project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to head of the organization.					Noted. We have already full-fledged Environment Cell to look after all environment related activities & same is attached as Annexure - XXII.
4.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. The project proponent shall adhere to the comments made in the Environment management Plan and shall spend minimum amount of Rs. 8.5 Crore as a Capital expenditure and Rs. 8 lacs per annum as recurring expenditure as proposed in the EMP as under:					
	SR. NO.	PARTICULARS	APPR OX. CAPI TAL	APPROX. RECURRING COST ANNUALLY	PARAMETERS COVERED	COMPLIANCE

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		COST (Crore)	(LAC)		
1	MULTI- CYCLONE & SCRUBBERS	Rs 2.50	Rs 2.5	SPM, CO ₂ , NO _x and ACID MIST	NOTED AND SHALL BE COMPLIED.
2	MULTI EFFECT EVAPORATOR (MEE)	Rs 3.00	Rs 1.5	----	
3	INCINERATOR	Rs 1.50	Rs 1.5	SPM, CO, ACID MIST	
4	EFFLUENT TREATMENT PLANT	Rs 1.40	Rs 2.0	pH, TSS, TDS, COD, BOD, O/G, Phenolic Compound, Ammonical Nitrogen & Bio- assay	
5	GREEN BELT DEVELOPME T	Rs. 0.1	Rs.0.5	Saplings, transportation, fertilizers, horticulturist etc.	
TOTAL		Rs. 8.5	Rs 8.0	----	
5	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.				Noted.
IX	Validity of Environmental Clearance				
1	The environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.				Noted.
X	Miscellaneous				
1	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, by the project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.				Noted & being complied. Storage of Diesel from Chief Controller of Explosives is obtained & attached as Annexure – XXIII.
2	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab				Noted.
3	The environmental safeguards contained in the application of the promoter/mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.				Noted.
4	The project proponent shall make public the environmental clearance granted for their project along with environmental conditions and safeguards at their cost by prominently advertizing it at least two local				Agreed & Complied. Advertisement has been published in two local newspapers & copy of the same is attached as Annexure –

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Punjab, India -140507, Tel.: +91-1762-522312 & 522211

Corp. Office: Plot No. 370, Industrial Area, Phase-II, Panchkula, Haryana, India-134109, Tel.: +91-172-5054817-18

Authorised Signatory



Saurav Chemicals Limited

Works: Derabassi-Barwala Road, Village Bhagwanpura, Tehsil Derabassi,
District Sahibzada Ajit Singh Nagar, Punjab, India -140507
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	newspapers of the District or State, of which one shall be in vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	XXIV.
5	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Agreed.
6	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted & same shall be complied.
7	The project proponent shall monitor the criteria pollutants level: namely PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Noted and shall be complied.
8	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest & Climate Change at environment clearance portal.	After getting the Environmental Clearance, this is the very first six-monthly compliance report we are submitting.
9	The project proponent shall submit the environment statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted & being complied & attached as Annexure-XXV.
10	The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production/operation by the project.	Noted & Complied.
11	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board & the State Government.	Noted & complying with the consent conditions.
12	The project proponent shall abide by the commitments and recommendations made in the EIA/EMP report, commitment during Public Hearing and also that during	Noted & complying In the public hearing held in the year, following major issues were


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	<p>their presentation to the SEAC and SEIAA.</p> <p>For SAURAV CHEMICALS LTD.</p> <p> Authorised Signatory</p>	<p>raised by the public:</p> <ol style="list-style-type: none">I. No parking area for the vehicles coming to the industries is provided by the industries, which causes traffic nuisance.II. Tube well should be deep so that the upper water table from which the people extract water, is not affected.III. Shelter at bus stop Village Kuranwala should be made.IV. Employment to the local people should be given 32%. <p>The point wise compliance made by the industry with regard to above, is as under:</p> <ol style="list-style-type: none">a) The industry has provided separate parking areas for cars, two wheelers and trucks inside the industrial premises. The parking areas of cars and two wheelers are being kept under the continuous surveillance by the staff of the industry and the same is regulated by automatic gate. The trucks coming to the units are first parked on the service road
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<p>For SAURAV CHEMICALS LTD.</p> <p> Authorised Signatory</p>	<p>of the unit outside the industrial premises, which is the dedicated passage for the unit. Thereafter, the trucks are parked at the earmarked place inside the premises for unloading/loading of goods/raw materials/products.</p> <p>b) In compliance to the objection raised by the public, the industry has dug out tube well at the depth of about 500 feet, so that with the abstraction of water by the industry, there should not be any impact on the drawdown of water in the first as well as second strata of water.</p> <p>c) A permanent structure based bus shelter has been provided as facilitate for the people of village Kuranwala, Tehsil Derabassi, Distt. SAS Nagar.</p> <p>d) In compliance to the commitment made in the</p>
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		public hearing, about 32% of the total employment of the unit has been given to the local area people.
13	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted & Agreed.
14	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted & Agreed.
15	The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted & Agreed.
16	The SEIAA/Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted & Agreed.
17	The Regional Office of this Ministry or Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office and PPCB by furnishing the requisite data/information/monitoring reports.	Agreed for extending full cooperation
18	The above conditions shall be enforced, inter-alia under the provisions of the Water (prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other order passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.	Noted & Complied. Public Liability Insurance Policy is attached as Annexure – XXVI.
19	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Noted.
XI	ADDITIONAL CONDITIONS	
1	As proposed, the project proponent shall provide effluent	For Sampling of WFDs effluent

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	treatment plant to treat the high TDS stream with MEE. The treated waste water will be used in the process for core/non-core activities within the premises to achieve the Zero Liquid Discharge.	existing MEE plant & all HTDS effluent is being treated through MEE. After treatment, all treated water is being used for Boiler feed & Cooling tower make-ups.
2	The project proponent shall provide STP of adequate capacity for the treatment of domestic effluent/sewage and shall utilize whole of this treated effluent for horticulture, plantation and green area.	We have treated all sewage water mixed with Low TDS effluent & same is being treated in our existing Effluent treatment plant & further treated in Reverse osmosis system. After treatment, all treated water is being used for Boiler feed & Cooling tower make-ups.
3	The project proponent shall make necessary arrangement for the recovery and reuse of the steam condensate resulting from the indirect steam applications and shall not allow to discharges such effluents into drain.	Noted & complied. We have installed separate pumps i.e. operated without any electrical connection to recover the steam condensate to recycle back to boiler.
4	The project proponent shall provide advanced scrubbing systems with proper neutralizing media to handle the acidic/alkaline emissions from storage, handling & processing activities. Whenever required, packed bed scrubbers will also be provided. The suction and scrubbing systems shall also be designed to handle the inherent odors from such units.	Noted & complied. We have provided three nos. of scrubbers with proper neutralizing media to handle the acidic/alkaline emissions during storage, handling & process activities. Analysis results of the scrubbers are attached as Annexure - XXVII.
5	The project proponent shall provide the Air Pollution Control Devices as proposed by the PPCB to control the emissions generated from the boiler within the prescribed parameter.	Noted.
6	Artificial Rain Water recharging/rainwater harvesting shall be carried out as required by CGWA. However, recharging structures shall not be provided within the plant premises to avoid any intentional or unintentional discharge of trade or domestic effluent.	Noted & Agreed.
7	The project proponent shall practice rainwater harvesting to maximum possible extent outside premises. For this 1 village pond having volume @ 106260m ³ , located at Village Fatehpur, Tehsil Derabassi & District Mohali respectively shall be adopted for de-silting to recharge	We have adopted 1 village pond having volume @ 106260m ³ , located at Village Fatehpur, Tehsil Derabassi & District Mohali respectively & regular de-silting is

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
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	<p>the rain water. As an additional safety measure, the stream carrying waste water of the village diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided in different parts, the overflow of each chamber shall be allowed to enter into another chamber will ultimately lead to purification of water and collected into pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.</p>	<p>being done to recharge the rain water. As an additional safety measure, the stream carrying waste water of the village diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided in different parts, the overflow of each chamber shall be allowed to enter into another chamber will ultimately lead to purification of water and collected into pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.</p>
8	<p>The project proponent shall conduct the following studies and submit the same to SEIAA, Punjab, Regional Office of MoEF&CC, Chandigarh and PPCB with the six monthly report:</p> <ol style="list-style-type: none">The project proponent shall conduct AAQ data (except monsoon) at locations for PM10, PM2.5, SO2, NOx, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based on CPCB guidelines and take into account the pre dominant wind direction, population zone and sensitive receptors including reserved forests. AAQ data should include VOC, other process specific like NH3, Chlorine, HCl, HBr, H2S, HF etc.The project proponent shall conduct AAQ measurements for 12 weeks of all stations as per frequency given in the NAQPM of Nov. 2009 along with min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations.The project proponent shall monitor surface water	<p>Noted and will be complied</p> <p>SAURAV CHEMICALS LTD.</p> <p> Authorised Signatory</p>

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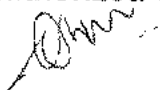


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	<p>quality of nearby river (60m upstream & downstream) and other surface drains at 8 locations as per CPCB/MoEF&CC guidelines.</p> <p>d. The project proponent shall monitor the Ground water for heavy metals in addition to routine parameters pre-monsoon and post monsoon. At least 3 samples i.e. one from within the premises and two from outside the premises of the project shall be taken.</p> <p>e. The project proponent shall conduct Noise levels monitoring report at 8 locations within the study area.</p> <p>f. The project proponent shall conduct Soil characteristics as per CPCB guidelines.</p> <p>g. The project proponent shall conduct determination of atmospheric inversion level at the project site and the site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.</p>	
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Thanking you,
Yours faithfully,
for SAURAV CHEMICALS LTD.
Authorized Signatory


Vinayak Bhat
(Unit Head)
Saurav Chemicals Ltd.
Village- Bhagwanpura, Derabassi, Barwala Road,
Dist. - Mohali, Punjab- 140507
Mobile NO: 09915248822
Mail ID: vinayak.bhat@sauravchemicals.com

Copy to: Ministry of Environment, Forests & Climate Change (IA Division)
Government of India, Paryavaran Bhavan,
CGO Complex, Lodhi Road, New Delhi-110003

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ANNEXURE - I

Government of Punjab
Deptt. of Forests & Wildlife Preservation
(Forest Branch)

No. 34/95 /2005-Pt.III/7103

Conservator of Forests (C),
Government of India,
Ministry of Environment & Forests,
Northern Regional Office,
Bays No. 24-25, Sector 31-2,
Chandigarh.

Chandigarh, dated 24/7/05

Subject:- Diversion of 0.20 ha. of forest land for highway for road
from main road Dorahassi-Barnala to 1/3 Sanyal Chaurah, Loc. VII,
Shagwanpura Unit (III), Distt. Patiala, Punjab.

Sir,

I am directed to refer to above subject and forward
herewith a project proposal in the prescribed proforma alongwith
relevant map for diversion of 0.20 ha. of forest land for road
from main road Dorahassi-Barnala to 1/3 Sanyal Chaurah, Loc. VII,
Shagwanpura Unit (III), Distt. Patiala, Punjab under Forest Conservation
Act, 1906. The user agency has deposited an amount of Rs. 11,000/- towards
compensatory afforestation and Rs. 5,400/- as Net Present Value (Total Rs.
16,400/-) vide Bank Draft No. 030225-22, dated 12-06-2005 with Divisional
Forest Officer, Patiala.

It is, therefore, requested that the approval of Govt.
of India under Forest Conservation Act, 1906 to divert the forest
area for non-forestry purpose may be conveyed as per rules.

Yours faithfully,

Asst. Secretary to Govt. of Punjab,
Deptt. of Forests & Wildlife Preservation

No. 34/95 /2005-Pt.III/

Chandigarh, dt. 24/7/05

A copy is forwarded to the Principal Chief Conservator of
Forests, Punjab, Chandigarh S.O. No. 177 dated 24/7/05
for information.

Asst. Secretary to Govt. of Punjab,
Deptt. of Forests & Wildlife Preservation.

For SAURAV CHEMICALS LTD.

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PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY

SCO 149-152, SECTOR 17, CHANDIGARH - 160017

ad interim PERMISSION FOR EXTRACTION OF GROUNDWATER

ANNEXURE - II

Name of Unit	Saurav Chemicals Limited		
Activity of Unit	Industrial		
Address of Unit	Saurav Chemicals Ltd., Derabassi Barwala Road, Village Bhagwanpura, Derabassi, SAS Nagar (Mohali), Punjab.		PIN Code: 140507
Assessment Unit (Block):	Derabassi	Category: Yellow	
District:	SAS Nagar		
Correspondence Address:	Saurav Chemicals Ltd., Village Bhagwanpura, Derabassi, SAS Nagar (Mohali), Punjab.		PIN Code: 140507
Unit ID	0930100027		
Permission Number	PWRDA/02/2021/L2/8	Dated: 02.02.2021	
Project Status:	Existing		
Permission Type:	<i>ad-interim</i> Permission		
Validity Period:	For a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this <i>ad interim</i> permission, whichever is earlier.		
Ground Water Extraction Permitted: 125 m ³ /day			
Fresh Water		Saline Water	
m ³ /day	m ³ /month*	m ³ /day	m ³ /month*
125	3,750	-	-

*Note:- Month is taken as 30 days for calculation of charges.

Fees and Charges Paid:

A. Application Fees for Groundwater Extraction:

Volume of Groundwater Extraction Applied For per day (in m ³ /day)	Fees Deposited (in Rs.)
125	16,000/- (20% Covid-19 rebate applied)

B. Advance Deposit equivalent to two months of charges for the permitted quantity of groundwater extraction:

Category of Area	Extraction Permitted: (m ³ /day)	125	Amount Deposited (Rs.)
Yellow	Charges for two months		
	<10 m ³ /day	10-100 m ³ /day	>100 m ³ /day
	3,600	75,600	27,000
			84,960 (20% Covid-19 rebate applied)

C. Tube-well Registration Fee paid:

No. of existing tube-wells	No. of Proposed tube-wells	No. of total tube-wells	Registration Fee applicable per tube-well	Total Registration Fee Paid (Rs.)
01	Nil	01	10,000/-	8,000/- (20% Covid-19 rebate applied)

D. Total Amount Paid (Rs.):

Application Fee	Advance Deposit	Tube-well Registration Fee	Total (Rs.)
16,000/-	84,960/-	8,000/-	1,08,960/-

NOTE: This permission is granted in terms of the Draft Punjab Guidelines for Groundwater Extraction and Conservation published on November 12, 2020 under section 15 of the Punjab Water Resources (Regulation and Management) Act 2020 and is subject to the conditions given overleaf.

Dated: 02nd February, 2021

Place: CHANDIGARH

Signature

Jobanpreet Singh, A.O Level-2
Punjab Water Regulation and Development Authority

For SAURAV CHEMICALS LTD.

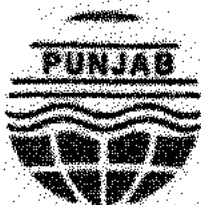
Authorised Signatory

ad interim PERMISSION CONDITIONS

- 1) The permission is valid for a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this ad interim permission, whichever is earlier. The unit will apply again for Permission within one month after the publication of the final Guidelines
- 2) Since, this Permission has been issued on the basis of self-assessment by the applicant and without any site inspection or verification of documents submitted by the applicant, hence the Authority may inspect the unit and documents at any time. In case any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the permission granted immediately and may revoke or modify the permission after giving a notice to the Unit.
- 3) The unit shall comply with the provisions of the Punjab Water Resources (Management and Regulation) Act, 2020, and the Regulations and Directions issued thereunder.
- 4) A Unit operational prior to 12/11/2020 shall be liable to pay groundwater extraction charges w.e.f. 12th Nov, 2020. A unit which is yet to begin operations shall be liable to pay the charges from the date of commencement of extraction of groundwater.
- 5) The unit shall install a water meter at each of its extraction structures within 60 days of issue of this permission letter (Refer Para 7.1 of the Draft Guidelines.)
- 6) Till the installation of water meter the Unit shall pay the full amount for the entire volume of groundwater permitted.
- 7) The Unit shall self-record the water meter readings in the format set by the Authority on the first working day of every month and submit the same and pay the applicable charges to PWRDA by 10th of every month.
- 8) Units permitted to extract 50m³/day or more groundwater shall communicate water level data to PWRDA in the first week of every month. (Refer para 7.2 of the Draft Guidelines)
- 9) This Permission does not absolve the unit of its obligations to obtain other required statutory and administrative clearances from appropriate authorities.
- 10) The issue of this Permission does not imply that other statutory or administrative clearances shall necessarily be granted to the unit by the concerned authorities.
- 11) This Permission is being issued without any prejudice to the directions of any court of law in cases related to groundwater or any other related matters.
- 12) Water conservation credit claims (if any) will be examined and verified separately.
- 13) In view of the Covid-19 epidemic, the Groundwater Charges in the Draft Guidelines
- 14) Since, the unit has not paid the GST Hence, it will be bound to deposit the same within 7 days as and when required by the Authority.

For SAURAV CHEMICALS LTD.


Authorised Signatory



PUNJAB POLLUTION CONTROL BOARD

Invest Punjab, Udyog Bhawan, Sector 17, Chandigarh

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R12SAS41640

Application No : 15277741

To,

Parveen Goyal
Village Bhagwanpura, Barwala Road
Derabassi, Mohali-140507

Subject: Grant of "Consent to Establish"(NOC) for Expansion of an existing industrial unit u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining 'Consent to Establish'(NOC) for Expansion of an existing industrial plant u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to expand the existing industrial unit to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.

1. Particulars of Consent to Establish (NOC) for Expansion granted to the Industry

Certificate No.	CTE/Exp/SAS/2021/15277741
Date of issue :	16/04/2021
Date of expiry :	15/04/2022
Certificate Type :	Expansion
Previous CTE/CTO No. & Validity :	CTOW/Renewal/SAS/2020/12073478 From: 11/05/2020 To: 31/03/2021

2. Particulars of the Industry

Name & Designation of the Applicant	Parveen Goyal, (Cmd)
Address of Industrial premises	Saurav Chemicals Ltd., Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar-140507
Existing Capital Investment of the industry	1220.0 lakhs
Capital Investment for Expansion Project	6700 lakhs
Category of Industry	Red
Type of Industry	Drugs and Pharmaceuticals
Scale of the Industry	Large
Office District	Sas Nagar
Consent Fee Details	Rs. 105600 /- vide UTR. No. N014211374284808 dated 14/01/2021

For SAURAV CHEMICALS LTD.

Authorised Signatory

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Saurav Chemicals Ltd., Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar, 140507

Page1

Raw Materials (Name with quantity per day)

RCMH @30MT/Year
 dcb @74MT/Year
 6, 8-Dichloro ethyl carpylate @60MT/Year
 Activated carbon @32MT/Year
 Sodium hydroxide flakes @45.9MT/Year
 Sulphuric acid @24.3MT/Year
 Sulphur Powder @8.4MT/Year
 Sodium Sulphide Flakes (60%)
 @36.9MT/Year
 Tetra butyl ammonium bromide (TBAB)
 @7.63MT/Year
 Hyflow @93.04MT/Year
 2-Butyl-3-(4-Hydroxyl-3,5-diiodo
 benzoyl)benzofuran @9.52MT/Year
 Erythromycin Thicyanate @133.5MT/Year
 DEAE.C.HCl @6.01MT/Year
 Potassium Carbonate @7.24MT/Year
 Eno. Carbon @71.66MT/Year
 SIPA @30MT/Year
 Raney Nickel @12.9MT/Year
 Pivalic Acid @10.8MT/Year
 DIONA @50MT/Year
 2-Amino-4-chlorophenol @44.8MT/Year
 Sodium hydrosulphite @8.8MT/Year
 2-Methoxy propene @22.63MT/Year
 40% Dimethylamine solution
 @35.75MT/Year
 Sodium bisulphite @236.5MT/Year
 85% Formic Acid @24.5MT/Year
 Hexamethyl disilazane (HMDS)
 @23.4MT/Year
 Hexamethyl disilazane (HMDS)
 @23.4MT/Year
 Sodium bicarbonate @17.5MT/Year
 Methyl (2S)-(2-chlorophenyl)-(2-thiphen-2-
 yl)ethylamino)acetate hydrochloride
 (Coupled amine) @55.5MT/Year
 Formaldehyde @166.8MT/Year
 Sodium sulphate @1.85MT/Year
 Benzene sulphonic acid (BSA)
 @12.24MT/Year
 Sodium hydroxide @371.44MT/Year
 Paraformaldehyde @6.6MT/Year
 Sodium carbonate @5.5MT/Year
 8-Hydroxyl Quinoline @1.23MT/Year
 D-Serine @62.4MT/Year
 1,4-Dioxane @652.5MT/Year
 Hydroxylamine Hydrochloride
 @41.4MT/Year
 Ketoprofen @38.4MT/Year
 N-Octyl-D-glucamine @9.08MT/Year
 NMP @38.67MT/Year
 Thimyl chloride @316.9MT/Year
 Citric Acid @21.76MT/Year
 Tropine @5MT/Year
 Tromethamine @15.68MT/Year
 Diethyl carbamyl chloride @18MT/Year
 Ethyl 2-(3-FORMYL-4-
 ISOBUTOXYPHENYL)-4-
 METHYLTHIAZOLE-5-CARBOXYLATE
 @45MT/Year
 Cupric acetate monohydrate @0.9MT/Year
 DL-mandelic acid @6MT/Year
 Acetonitrile @70.8MT/Year
 Methyl bromide @4.6MT/Year
 Sodium chloride @3.2MT/Year
 Sodium methoxide @0.39MT/Year
 Sulphuric acid @1.2MT/Year
 Benzyl chloride @4.14MT/Year
 Phosphorus oxychloride @9.24MT/Year

For SAURAV CHEMICALS LTD.

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Saurav Chemicals Ltd., Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar, 140307

3-(1-cyanoethyl)benzoic acid (CEBA) @40MT/Year
 Anhydrous Aluminium Chloride @52MT/Year
 Ketoprofen nitrile @40MT/Year
 Hydrochloric acid (Conc. HCl) @9.84MT/Year
 Morpholine @2.8MT/Year
 Petether (60-800) @10.05MT/Year
 n-Butyl acetate @3.27MT/Year
 Ethyl acetate @6614.9MT/Year
 Heptane @10MT/Year
 Pyrrole @2.67MT/Year
 2-(4-Bromomethyl)phenyl propionic acid (BMPA) @126MT/Year
 Benzene @42MT/Year
 Cyclopropane-1, 1-dicarboxylic acid @4.62MT/Year
 Sodium dithionite @0.09MT/Year
 Acetic anhydride @4.52MT/Year
 DMSO @73.27MT/Year
 Chloroform @394.39MT/Year
 Potassium carbonate (anhydrous) @3.36MT/Year
 Potassium hydroxide powder @1.33MT/Year
 Diisopropyl ether (DIPE) @2.44MT/Year
 Hydroquinone @0.07MT/Year
 o-Xylene @98.4MT/Year
 5% Pd-C @0.32MT/Year
 Ethylene Dichloride @75.6MT/Year
 Tetra Hydrofuran (THF) @139.8MT/Year
 Magnesium oxide @0.07MT/Year
 Methyl-2-oxo cyclopentan carboxylate (M2CPC) @80MT/Year
 2-Chloro-methyl-4-(3-methoxy propoxy-3-methyl pyridine) @17.82MT/Year
 2-Mercapto Benzimidazole @7.69MT/Year
 BMO @169MT/Year
 STB (Sodium tertiary butoxide) @11.8MT/Year
 3-amino-1-adamantanol @30.3MT/Year
 2-Methyl THF @128MT/Year
 Imidazole @18.86MT/Year
 Acetoxy ethyl bromide (Crude) @570MT/Year
 NMP (N-methyl pyrrolidine) @62MT/Year
 L-prolinamide @28.57MT/Year
 2,6-dimethyl pyridine @31.71MT/Year
 Sodium nitrate @15.78MT/Year
 Chloroacetyl chloride @28.29MT/Year
 Sulphur Powder @1.8MT/Year
 Potassium iodide @0.84MT/Year
 Phosphorus oxychloride @76.29MT/Year
 Vinyl acetate @145.95MT/Year
 Tetralene @12.16MT/Year
 4-Methyl-2-cyanopinyl (OTBN) @48.1MT/Year
 Potassium carbonate granules @57MT/Year
 Sodium bromate @6.55MT/Year
 2,2-Azobisisobutyronitrile (AIBN) @2.4MT/Year
 Tertiary butyl aceto acetate (TBAA) @60MT/Year
 Isopropyl alcohol @1319.88MT/Year
 Acetoacetanilide AAA @1390MT/Year
 Acetyl bromide @20.1MT/Year
 Sodium hydro sulphite @5.04MT/Year
 Calcium Oxide @10MT/Year
 TEBA Chloride @8.4MT/Year

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	Liquid bromine @61.29MT/Year Toluene @11898.19KL/Year Sodium dithionatevvvv @4.5MT/Year Para Nitro Toluene (PNT) @7.1MT/Year Cyclohexane @853.6MT/Year Hexane @8.3KL/Year Methylene dichloride @2140.26MT/Year Acetonitrile @70.8KL/Year Dimethyl formamide @169.8MT/Year Absolute alcohol @24227KL/Year Methanol @10587.88KL/Year Acetone @1894.35KL/Year Methyl tertiary butyl ether (MTBE) @103.8KL/Year
Products (Name with quantity per day)	Atorvastatin @1.224MT/Year Fexofenadine Hydrochloride @24MT/Year Pentazocin hydrochloride @12MT/Year Sertraline hydrochloride @18MT/Year Clopi Form-2 @30MT/Year Clopi Form-1 @30MT/Year D-Cycloserene @30MT/Year Diethylcarbamazine Citrate @60MT/Year Febuxostat @30MT/Year Pregablin @30MT/Year Atorvastatin @30MT/Year Sertraline Hydrochloride @30MT/Year Vidagliptin @30MT/Year BromoButyric Acid @30MT/Year CLA @30MT/Year Alpha Lipoic acid @30MT/Year Atropine Sulphate @0.24MT/Year Chlorozoxazone @39.96MT/Year ClopiBsylate @30MT/Year Dextetopropfen trometamol @39.96MT/Year Homatropine Hydrobromide @0.96MT/Year Homatropine Methylbromide @5.04MT/Year Ketoxolac Tromethamine @3.48MT/Year Levofloxacin hemihydrates @39.96MT/Year Loxoprofen Sodium @99.96MT/Year Rab-prazole Sodium @9.96MT/Year Rebamipide @99.96MT/Year Cefexocib @50.04MT/Year Clarithromycin @50.04MT/Year Flurbiprofen @9.96MT/Year Rosuvastatin @9.96MT/Year Strontium Ranelate @20.04MT/Year Ketoprofen from CEBA @39.96MT/Year Ketoprofen from Keto Nitrile @39.96MT/Year Tris Buffer @9.96MT/Year Acetoxy EthylBromide @500.04MT/Year Mono-P-Nitrobenzyl malonate manesium salt @50.04MT/Year Para Nitro Benzyl Alcohol (PNBA) @99.96MT/Year Para Nitro benzyl bromide (PNBBR) @500.04MT/Year HBr 48% @500.04MT/Year Para Nitrobenzyldehyde(PNBD) @5.04MT/Year 4-Bromomethyl quinolone-2(1H)-one(BMQ) @99.96MT/Year 4-Bromomethyl 2cynopiphenyl(BMC) @50.04MT/Year Amiodarone Hydrochloride @9.96MT/Year
By-Products, if any,(Name with quantity per day)	As per the application form.
Details of the machinery and processes	As per the application form.

For SAURAV CHEMICALS LTD.

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
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Details of the Effluent Treatment Plant	Trade Effluent (LTDS) @90.0 KLD (including Domestic Effluent @ 10 KLD) to be treated in Effluent Treatment Plant (ETP) of capacity 100 KLD. Hight TDS Trade Effluent (HTDS) to be sent to Multi Effect Evaporator (MEE).
Mode of Disposal of Effluent	Zero Liquid Discharge (ZLD) Technology - Entire quantity of treated wastewater to be reused back into the process within the premises of the unit(i.e. cooling tower makeup, boiler makeup, flushing etc.)
Standards to be achieved under Water (Prevention & Control of Pollution) Act, 1974	As prescribed by the CPCB/Board/ MoEF&CC.
Sources of emissions and type of pollutants	02 no. Boilers of capacity 3 TPH each - SPM Process emission 1 - Acid mist Process emission 2 - Acid mist 03 no. DG sets of capacity 380 KVA each - SPM 01 no. DG set of capacity 600 KVA - SPM
Mode of disposal of emissions with stack height	02 no. Boilers of capacity 3 TPH each - stacks of height 32 m A.G.L. Process emission 1 - stack of height 3 m A.R.L. Process emission 2 - stack of height 3 m A.R.L. 03 no. DG sets of capacity 380 KVA each - separate stacks of height 4 m A.R.L. 01 no. DG set of capacity 600 KVA - stack of height 4 m A.R.L.
Quantity of fuel required in TPD	02 no. Boilers of capacity 3 TPH each - Briquettes@10Metric Tonnes/Day, each. 03 no. DG sets of capacity 380 KVA each - HSD @ 1680 lt/day, each. 01 no. DG set of capacity 600 KVA - HSD @ 2400 lt/day.
Type of Air Pollution Control Devices to be installed	Water Scrubber as APCD with boiler-1 of capacity 3 TPH Water Scrubber as APCD with boiler-2 of capacity 3 TPH Canopies alongwith stacks of adequate heights with all the DG sets.
Standars to be achieved under Air (Prevention & Control of Pollution) Act, 1981	As prescribed by the CPCB/Board/ MoEF&CC.

For SAURAV CHEMICALS LTD.


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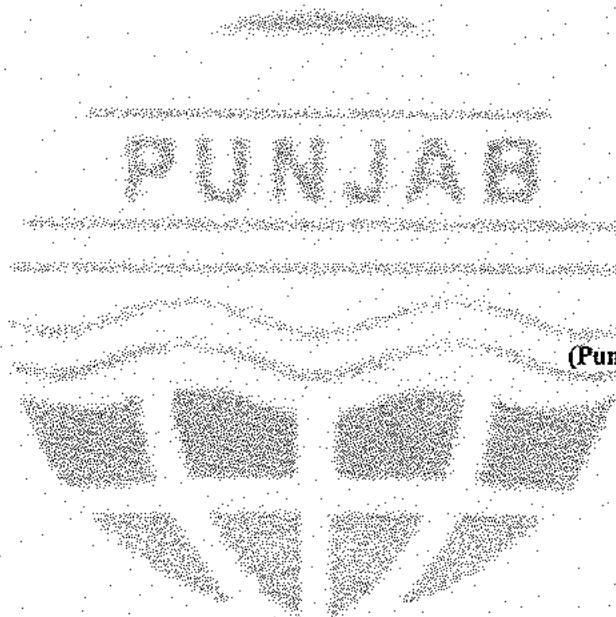
18/04/2021

(Guneet Sethi)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:
Environmental Engineer, Regional Office, SAS Nagar.



18/04/2021

(Guneet Sethi)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

For SAURAV CHEMICALS LTD.

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A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952.
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate.
8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

Specifications of the port-holes shall be as under:-

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (D_e) shall be calculated from the following equation to determine upstream, downstream distance:-
$$D_e = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.
 - ii) The sampling port shall be 7 to 10 cm in diameter
9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

(i) Stack height for boiler plants


S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	Less than 2 ton/hr.	9 meters or 2.5 times the height of neighboring building whichever is more
2.	More than 2 ton/hr. to 5 ton/hr.	12 meters
3.	More than 5 ton/hr. to 10 ton/hr.	15 meters
4.	More than 10 ton/hr. to 15 ton/hr.	18 meters
5.	More than 15 ton/hr. to 20 ton/hr.	21 meters
6.	More than 20 ton/hr. to 25 ton/hr.	24 meters
7.	More than 25 ton/hr. to 30 ton/hr.	27 meters
8.	More than 30 ton/hr.	30 meters or using the formula $H = 14 Q_g^{0.3}$ $H = 74 (Q_p)^{0.24}$ Where Q_g = Quantity of SO_2 in Kg/hr. Q_p = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

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Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-250 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA) 0.5$$

where h = height of the building in meters where the generator set is installed.

10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.
11. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.
 - (i) Once in Year for Small Scale Industries
 - (ii) Four in a Year for Large/Medium Scale Industries.
 - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
12. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.
13. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board.
 - (i) Once in Year for Small Scale Industries
 - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
14. The pollution control devices shall be interlocked with the manufacturing process of the industry.
15. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
16. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.
17. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
18. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
19. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
20. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
 - (i) Where unavoidable to prevent loss of life or some property damage or
 - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
21. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.

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22. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
23. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
24. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
25. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
26. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
27. The industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified
28. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water.
29. The industry shall submit a detailed plan showing therein, the distribution system for conveying waste-waters for application on land for irrigation along with the crop pattern to be adopted throughout the year.
30. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
31. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.
32. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
33. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.
34. The industry shall maintain the following record to the satisfaction of the Board :-
 - (i) Log books for running of air pollution control devices or pumps/motors used for it.
 - (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.
 - (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.
35. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.
36. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.
37. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry

18/04/2021

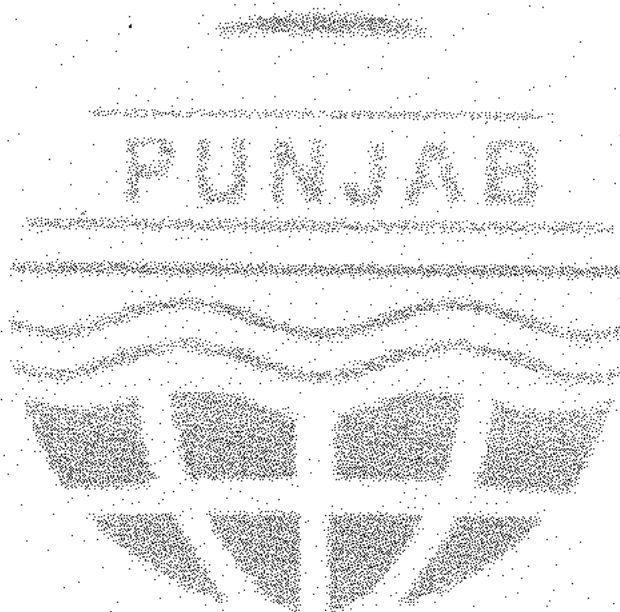
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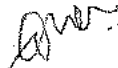

(Guneet Sethi)
Environmental Engineer
For & on behalf
of

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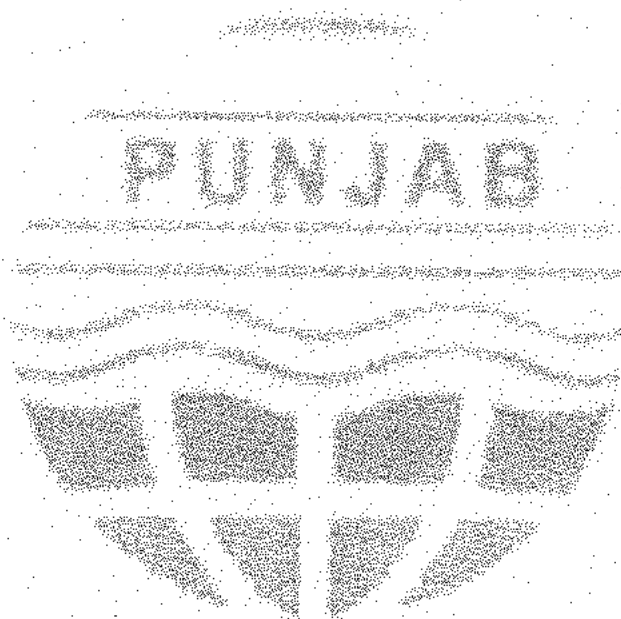
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B. SPECIAL CONDITIONS



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1. The industry shall comply with the conditions imposed in the environmental clearance granted to it for enhancing its production capacity of API and intermediate bulk drug production from 4.6 TPM to 233.7 TPM by the SEIAA, Punjab vide no. SEIAA/ M.S./2020/3370 dated 05/11/2020.
2. The industry shall obtain permission from PWRDA for abstraction of groundwater and comply with the guidelines issued by PWRDA from time to time.
3. The industry shall strictly adopt Zero Liquid Discharge technology at all times and shall reuse the entire quantity of treated trade effluent back into the process, as per the proposal submitted by it. No effluent shall be discharged outside the premises of the unit, under any circumstances.
4. Total freshwater requirement shall not exceed 125 KLD. Further, additional 44 KLD water requirement for green belt shall be met from GMADA STP as treated wastewater, as per the proposal submitted by the industry.
5. The promoter shall not discharge the effluent into any drain/choe/nallah, in any case.
6. The industry shall install Online Continuous Emission Monitoring System (OCEMS) in its premises, as per the guidelines laid down by CPCB, from time to time.
7. The industry shall comply with the provisions of the Manufacturing, Storage and Import of Hazardous Chemical Rules, 1989. 6. The industry shall comply with the provision of the Hazardous Waste Management Rules 2016.
8. The industry shall provide thick green belt along its boundary wall, so as to attenuate the odour problem (if any), which may arise due to operation of the unit.
9. The industry shall ensure that no nuisance is created in the area due to its operations and no public complaint(s) is(are) received.
10. The industry shall get the revised building plan under the Factories Rule, 1952 from the competent authority or the authorized person of the Department of Labours.
11. The industry shall not acquire any additional land area for installation of additional proposed machinery.
12. The industry shall comply with the guidelines issued by the Central Groundwater Authority from time to time.
13. The industry has been approved by the Board from pollution angle and the industry shall obtain the statutory clearances / permissions from all other concerned departments.
14. The industry shall not discharge the waste water collected in the existing lagoon into choe / drain /river Ghaggar or in inland surface water at any time or any other unauthorized place by any unauthorized means and get it disposed through the effluent treatment systems proposed by the industry & maintain record of the same and submit a copy of the same to the Board.
15. The industry shall not discharge any trade & domestic effluent (treated or untreated) into choe / drain /river Ghaggar or in inland surface water at any time or any other unauthorized place by any unauthorized means and shall reuse the treated effluent in the plant in accordance with the water balance submitted by it.
16. The industry shall get the approved building plan under the Factories Rule, 1952 from the competent authority or the authorized person of the Department of Labours.
17. The industry shall handle the hazardous waste(s) strictly in accordance with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and guidelines issued by Central Pollution Control Board / Ministry of Environment & Forests and Climate Change, New Delhi.
18. The industry shall ensure regular lifting of hazardous waste and also ensure that the quantity of hazardous waste generated per year shall not be stored beyond 90 days (extendable upto 180 days) in its premises at any time. Further, the industry shall provide adequate storage space for all the categories of hazardous waste generated from its premises, in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
19. The industry shall ensure the compliance of provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to him and Rules, Circulars & Directions issued by the Board from time to time.
20. The Consent is being issued to the industry based upon the documents/ information submitted by it

For SAURAV CHEMICALS LTD.


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alongwith the online application form. The Board would be at liberty to take penal action against the industry/project proponent and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.

21. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the industry.



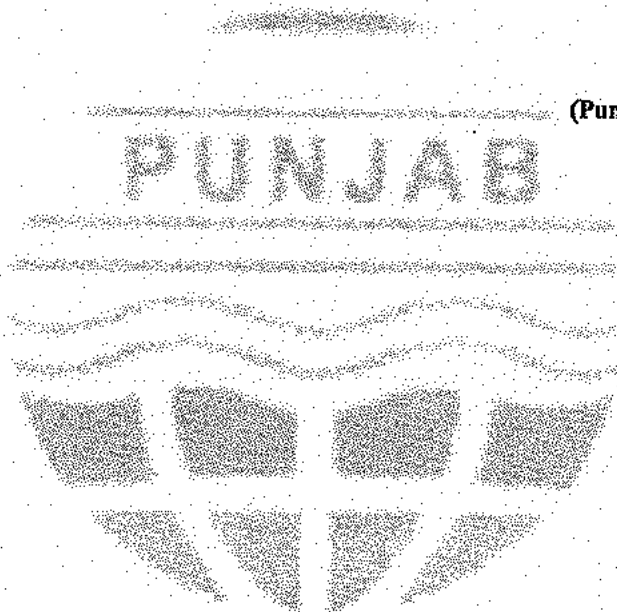
18/04/2021

(Guneet Sethi)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



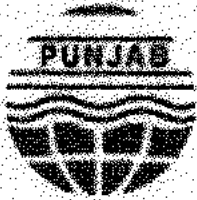
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PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: RI2SAS41640

Application No : 15546695

To,

Parveen Goyal
Village Bhagwanpura, Barwala Road
Derabassi, Mohali-140507

Subject: Renewal of Consent to Operate under section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

Consent to Operate Certificate No.	CTOA/Renewal/SAS/2021/15546695
Date of issue :	16/04/2021
Date of expiry :	31/03/2025
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOA/Renewal/SAS/2020/12056938 From: 11/05/2020 To: 31/03/2021

2. Particulars of the Industry

Name & Designation of the Applicant	Parveen Goyal, (Cmd)
Address of Industrial premises	Saurav Chemicals Ltd., Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar-140507
Capital Investment of the Industry	1220.0 lakhs
Category of Industry	Red
Type of Industry	Drugs and Pharmaceuticals
Scale of the Industry	Large
Office District	Sas Nagar

For SAURAV CHEMICALS LTD.

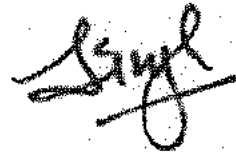
Authorised Signatory

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Saurav Chemicals Ltd., Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar, 140507

Page 1

All the term and conditions same as mentioned in the original consent no. CTOA/Renewal/SAS/2020/12056938 dated 11/5/2020, valid upto 31/03/2021 issued to the industry vide Board's letter no. 1886 dated 11/5/2020. This extension letter may be appended with the original consent letter issued to the industry.



16/04/2021

(Kuldeep Singh)
Environmental Engineer

For & on behalf

of

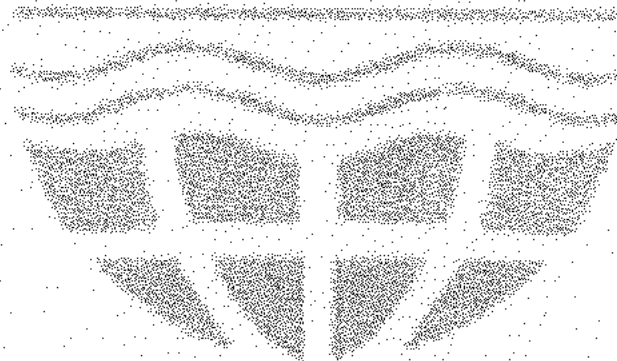
(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar.



16/04/2021

(Kuldeep Singh)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

For SAURAV CHEMICALS LTD.

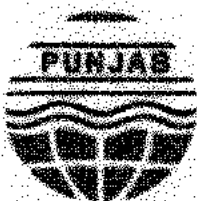


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Saurav Chemicals Ltd., Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar, 140507

Page 2



PUNJAB POLLUTION CONTROL BOARD
 Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala
 Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R12SAS41640

Application No : 12073478

To,

Parveen Goyal
 Village Bhagwanpura, Barwala Road
 Derabassi, Mohali-140507

Subject: Renewal of Consent to Operate under section 25 of the Water (Prevention & Control of Pollution) Act, 1974

1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry

Consent to Operate Certificate No.	CTOW/Renewal/SAS/2020/12073478
Date of issue :	11/03/2020
Date of expiry :	30/09/2024
Certificate Type :	Renewal
Previous CTO No. & Validity :	R16SASCTOW4052883 From: 14/06/2016 To: 31/03/2020

2. Particulars of the Industry

Name & Designation of the Applicant	Parveen Goyal, (Cnd)
Address of Industrial premises	Saurav Chemicals Ltd. Unit-3, Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar-140507
Capital Investment of the Industry	1211.0 lakhs
Category of Industry	Red
Type of Industry	Drugs and Pharmaceuticals
Scale of the Industry	Medium
Office District	Sas Nagar

For SAURAV CHEMICALS LTD.

 Authorised Signatory

All the term and conditions same as mentioned in the original/ earlier consent no. R16SASCTOW4052883 dated 14/06/2016, valid upto 31/03/2020 issued to the industry vide Board's letter no. 4435 dated 12/05/2015. This extension letter may be appended with the original consent letter , subsequent/earlier granted/ extension letters issued to the industry and additional condition as under:

1. This consent shall be extended further upon submission of certificate by industry of its location in industrial area/ approved zone.



11/05/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

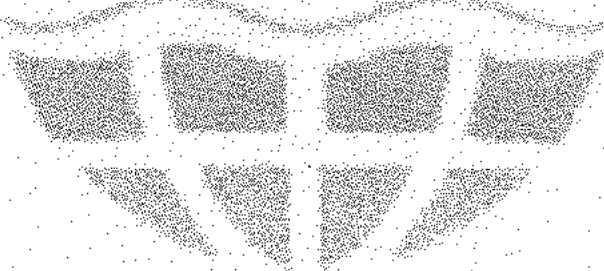
(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar. He is requested to send the recommendations regarding returning of Bank Guarantee after consulting hard file and after ensuring the compliance and protocol prescribed by the Board for the release of bank guarantees so that the same may be put up to the competent authority for the disposal of BGs.



11/05/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

For SAURAV CHEMICALS LTD.

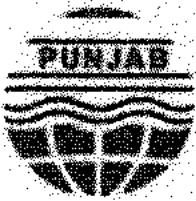


Authorised Signatory

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Saurav Chemicals Ltd. Unit-3, Village Bhagwanpura, Barwala Road, Derabassi, Sas Nagar, 140507

Page 2



PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID : R12SAS41640

Application No : 10943349

To,

Parveen Goyal
Village Bhagwanpura, Barwala Road
Derabassi, Mohali-140507

Subject: Renewal of Authorization for operating a facility for Collection, Generation, Storage, Reuse, Recycling, Recovery, Pre-processing, Co-processing, Disposal, of Hazardous Wastes as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 .

1. Particulars of Authorization granted to the Industry

Authorization No	HWM/renew/SAS/2019/10943349
Previous Authorization No	HWM/FRESH/SAS/2019/9720202
Date of issue :	30/09/2019
Date of expiry :	30/09/2024
Previous Authorization Date of Issue :	01/04/2019
Previous Authorization Date of Expiry :	30/09/2019
Authorization Type :	renew

2. Particulars of the Industry

Name & Designation of the Applicant	Parveen Goyal, (CMD)
Address of Industrial premises	Saurav chemicals ltd. unit-3, Village bhagwanpura, barwala road, Derabassi, Sas nagar-140507
Capital Investment of the Industry	1094.0 lakhs
Category of Industry	Red
Type of Industry	Drugs and Pharmaceuticals
Scale of the Industry	Medium
Office District	Sas nagar

For SAURAV CHEMICALS LTD.


Authorised Signatory

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Saurav chemicals ltd. unit-3, Village bhagwanpura, barwala road, Derabassi, Sas nagar, 140507

3. Terms and Conditions

All the term and conditions same as mentioned in the original authorisation no. HWM/Fresh/SAS/2019/9720202 dated 1/4/2019, valid upto 30/9/2019 issued to the industry vide Board's letter no. 1823 dated 1/4/2019. This extension letter may be appended with the original authorisation letter issued to the industry with an additional condition as under:

- a. The industry shall dispose of hazardous waste of different categories to the authorized recycler / pre-processor / TSDF, Nimbuan timely.
- b. The industry shall maintain the record of hazardous waste generated from the premises as well as disposal of hazardous waste and submit the same in this office on quarterly basis.
- c. The contaminated site, i.e. unit godown should not be used for any agricultural purpose until the concentration of Bromide is brought to the level similar to that of Bromide in nearby farmer field in absence of standard limit.
- d. The industry shall extend the validity of its bank guarantee of Rs.15.00 lacs for another one year and submit the same with Environmental Engineer, Regional Office, SAS Nagar within 7 days.



30/09/2019

(Rakesh Kumar)
Environmental Engineer

For & on behalf
of


(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar



30/09/2019

(Rakesh Kumar)
Environmental Engineer

For & on behalf
of

(Punjab Pollution Control Board)

For SAURAV CHEMICALS LTD.


Authorised Signatory

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Saurav chemicals ltd. unit-3, Village bhagwampura, barwala road, Derabassi, Sas nagar. 140507

Parameter Report

Generated On 2021-05-20 10:09:25 Generated By rakeshgoyal@sauravchemicals.com
 Period 2021-05-20 00:00:00 - 2021-05-20 10:09:00 Station Type CAAQMS
 Stations Emission Parameters CAAQMS TOC, CAAQMS VOC

S.No.	Time	Emission CAAQMS TOC (mg/m ³)(avg)	Emission CAAQMS VOC (mg/m ³)(avg)
1	2021-05-20 00:00:00:000	1.6	0.06
2	2021-05-20 00:15:00:000	1.6	0.06
3	2021-05-20 00:30:00:000	1.6	0.06
4	2021-05-20 00:45:00:000	1.6	0.06
5	2021-05-20 01:00:00:000	1.6	0.05
6	2021-05-20 01:15:00:000	1.6	0.05
7	2021-05-20 01:30:00:000	1.6	0.05
8	2021-05-20 01:45:00:000	1.62	0.05
9	2021-05-20 02:00:00:000	1.7	0.04
10	2021-05-20 02:15:00:000	1.7	0.04
11	2021-05-20 02:30:00:000	1.7	0.04
12	2021-05-20 02:45:00:000	1.7	0.04
13	2021-05-20 03:00:00:000	1.7	0.06
14	2021-05-20 03:15:00:000	1.7	0.06
15	2021-05-20 03:30:00:000	1.7	0.06
16	2021-05-20 03:45:00:000	1.7	0.06
17	2021-05-20 04:00:00:000	1.7	0.05
18	2021-05-20 04:15:00:000	1.7	0.05
19	2021-05-20 04:30:00:000	1.7	0.05
20	2021-05-20 04:45:00:000	1.66	0.05
21	2021-05-20 05:00:00:000	1.4	0.06

For SAURAV CHEMICALS LTD.

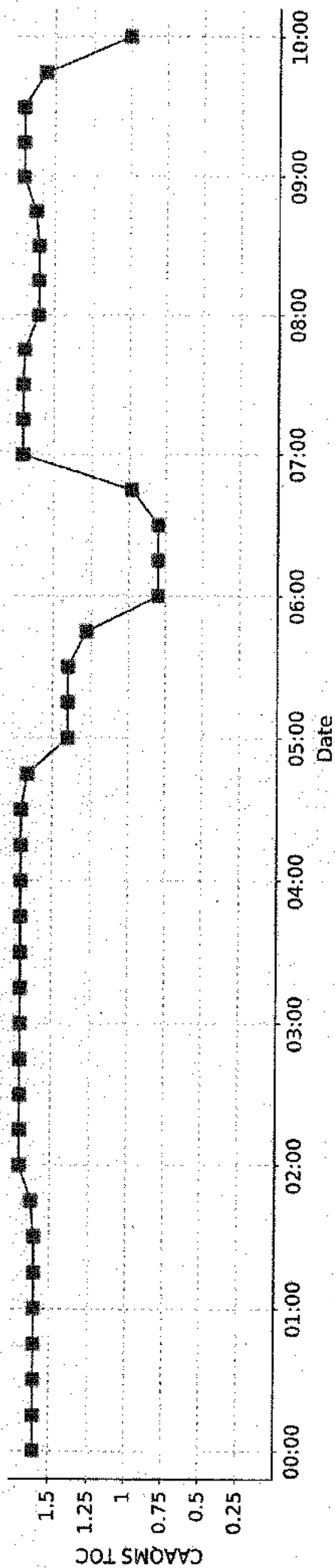

 Authorised Signatory

S.No.	Time	Emission CAAQMS TOC (mg/hm ³)(avg)	Emission CAAQMS VOC (mg/hm ³)(avg)
22	2021-05-20 05:15:00:000	1.4	0.06
23	2021-05-20 05:30:00:000	1.4	0.06
24	2021-05-20 05:45:00:000	1.28	0.06
25	2021-05-20 06:00:00:000	0.8	0.06
26	2021-05-20 06:15:00:000	0.8	0.06
27	2021-05-20 06:30:00:000	0.8	0.06
28	2021-05-20 06:45:00:000	0.98	0.06
29	2021-05-20 07:00:00:000	1.7	0.06
30	2021-05-20 07:15:00:000	1.7	0.06
31	2021-05-20 07:30:00:000	1.7	0.06
32	2021-05-20 07:45:00:000	1.69	0.06
33	2021-05-20 08:00:00:000	1.6	0.05
34	2021-05-20 08:15:00:000	1.6	0.05
35	2021-05-20 08:30:00:000	1.6	0.05
36	2021-05-20 08:45:00:000	1.62	0.05
37	2021-05-20 09:00:00:000	1.7	0.06
38	2021-05-20 09:15:00:000	1.7	0.06
39	2021-05-20 09:30:00:000	1.7	0.06
40	2021-05-20 09:45:00:000	1.56	0.06
41	2021-05-20 10:00:00:000	1.0	0.06

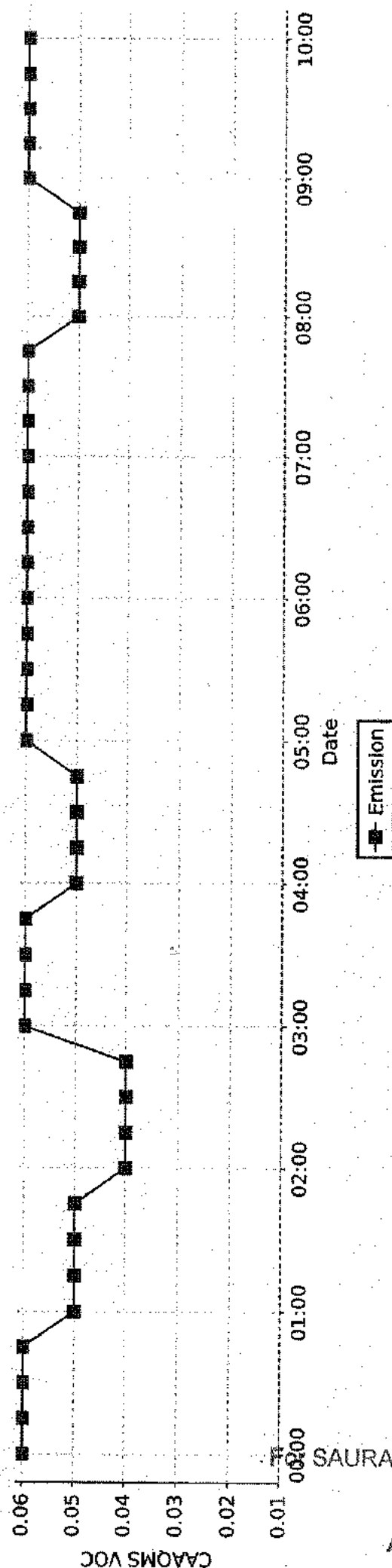
For SAURAV CHEMICALS LTD

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Emission-CAAQMS TOC Chart



Emission-CAQMS VOC Chart



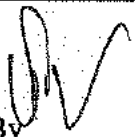
SAURAV CHEMICALS LTD

Authorised Signatory

ANNEXURE-VIII

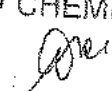
WORK PLACE MONITORING (OCT-20 to MAR-21)

Sr. No.	Date	Location	Checked for	Result in PPM
1.	14.10.20	Solvent Recovery plant	Toluene	11.4
2.	14.10.20	Sertraline	Ammonia	7.7
3.	14.10.20	Solvent Recovery plant	Methanol	8.4
4.	14.10.20	Sertraline	Hydrochloric acid	ND
5.	16.11.20	Sertraline	Hydrochloric acid	0.4
6.	16.11.20	Solvent Recovery plant	Methanol	11.3
7.	16.11.20	Solvent Recovery plant	Toluene	16.2
8.	16.11.20	Sertraline	Ammonia	14.8
9.	12.12.20	Solvent Recovery plant	Toluene	6.7
10.	12.12.20	Sertraline	Hydrochloric acid	0.1
11.	12.12.20	Sertraline	Ammonia	15.9
12.	12.12.20	Solvent Recovery plant	Methanol	11.3
13.	09.01.21	Solvent Recovery plant	Methanol	16.4
14.	09.01.21	Sertraline	Hydrochloric acid	0.6
15.	09.01.21	Sertraline	Ammonia	8.4
16.	09.01.21	Solvent Recovery plant	Toluene	14.7
17.	22.02.21	Sertraline	Hydrochloric acid	0.5
18.	22.02.21	Solvent Recovery plant	Methanol	20.6
19.	22.02.21	Sertraline	Ammonia	17.2
20.	22.02.21	Solvent Recovery plant	Toluene	9.8
21.	06.03.21	Sertraline	Hydrochloric acid	0.6
22.	06.03.21	Solvent Recovery plant	Toluene	15.6
23.	06.03.21	Solvent Recovery plant	Methanol	17.9
24.	06.03.21	Sertraline	Ammonia	12.3

Analyzed By 

Checked by 

For SAURAV CHEMICALS LTD.


Authorised Signatory

Ambient Air Quality Monitoring Report- OCT- 2020

DATE	RUN-TIME (Minute)	LOCATION	RESULTS (µg/m ³)				REMARKS
			PM Sampling		Run time 8 Hrs		
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	
04/10/20 to 05/10/20	1344	Near Main Gate	64.2	25.9	24.8	33.3	OK
12/10/20 to 13/10/20	1368	Near Boiler	68.1	27.2	29.0	32.8	OK
19/10/20 to 20/10/20	1368	Near ETP area	54.1	23.7	24.1	36.0	OK
26/10/20 to 27/10/20	1289	Near Canteen	60.7	28.3	32.6	25.9	OK

Analyzed By

Checked By

For SAURAV CHEMICALS LTD.

Authorised Signatory

Ambient Air Quality Monitoring Report- NOV- 2020

Air Quality Monitoring Report - NOV - 2020							
DATE	RUN-TIME (Minute)	LOCATION	RESULTS (µg/m ³)				REMARKS
			PM Sampling		Run time 8 Hrs		
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	
03/11/20 to 04/11/20	1276	Near Main Gate	64.9	40.5	37.6	39.2	OK
12/11/20 to 13/11/20	1312	Near ETP Area	53.0	30.1	26.4	29.1	OK
19/11/20 to 20/11/20	1360	Near Canteen	58.7	28.9	26.1	28.9	OK
26/11/20 to 27/11/20	1198	Near Boiler	54.8	37.1	27.6	31.5	OK

Analyzed By

Checked By

For SAURAV CHEMICALS LTD.

Authorised Signatory

Ambient Air Quality Monitoring Report- DEC-2020

Environmental Quality Monitoring Report - DEC-2020

DATE	RUN-TIME (Minute)	LOCATION	RESULTS ($\mu\text{g}/\text{m}^3$)				REMARKS
			PM Sampling		Run time 8 Hrs		
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	
04/12/20 to 05/12/20	1176	Near ETP Area	45.5	24.4	22.3	26.8	OK
10/12/20 to 11/12/20	1310	Near Main Gate	49.7	26.9	26.7	30.1	OK
17/12/20 to 18/12/20	1344	Near Canteen	49.9	23.8	27.5	29.3	OK
25/12/20 to 26/12/20	1468	Near Boiler	50.4	28.4	29.3	28.7	OK

Analyzed By

Checked By

For SAURAV CHEMICALS LTD.

Authorised Signatory

Ambient Air Quality Monitoring Report- JAN- 2021

DATE	RUN-TIME (Minute)	LOCATION	RESULTS (µg/m ³)				REMARKS
			PM Sampling		Run time 8 Hrs		
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	
02/01/21 to 03/01/21	1344	Near ETP Area	54.3	23.3	27.4	28.3	OK
09/01/21 to 10/01/21	1368	Near Main Gate	46.1	21.2	22.7	28.9	OK
16/01/21 to 17/01/21	1236	Near Canteen	44.7	25.7	28.2	29.9	OK
23/01/21 to 24/01/21	1310	Near Boiler	41.6	29.3	26.9	28.6	OK

Analyzed By

Checked By

For SAURAV CHEMICALS LTD.

Authorised Signatory

Ambient Air Quality Monitoring Report- FEB- 2021

DATE	RUN-TIME (Minute)	LOCATION	RESULTS (µg/m ³)				REMARKS
			PM Sampling		Run time 8 Hrs		
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	
07/02/21 to 08/02/21	1346	Near ETP Area	44.9	25.7	27.2	26.9	OK
14/02/21 to 15/02/21	1378	Near Main Gate	41.6	31.3	29.3	36.4	OK
21/02/21 to 22/02/21	1444	Near Canteen	44.7	29.4	23.7	30.3	OK
27/02/21 To 28/02/21	1377	Near Boiler	43.7	30.2	25.4	27.0	OK

Analyzed By

Checked By

For SAURAV CHEMICALS LTD.

Authorised Signatory

Ambient Air Quality Monitoring Report- MAR- 2021

DATE	RUN-TIME (Minute)	LOCATION	RESULTS (µg/m ³)				REMARKS
			PM Sampling		Run time 8 Hrs		
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	
05/03/21 to 06/03/21	1289	Near Boiler	51.4	26.7	21.5	28.4	OK
12/03/21 to 13/03/21	1360	Near ETP	49.6	26.4	26.0	28.1	OK
19/03/21 to 20/03/21	1398	Near Main Gate	55.0	25.7	24.8	29.5	OK
26/03/21 to 27/03/21	1412	Near Canteen	44.8	26.9	25.5	30.4	OK

Analyzed By

Checked By

For SAURAV CHEMICALS LTD.

Authorised Signatory

Test Report

Document QF : 2501

Page 1 of 2

ANNEXURE-X

Issued To Saurav Chemicals Ltd. (Unit-3) Village: Bhagwanpura, Derabassi Barwala Road, Derabassi, Distt. SAS Nagar Dera Bassi	Sample Reg. No. : E01-2011280720 Sample Reg. Date : 28-11-2020 Report Date : 07-12-2020 Report No. : ICE-2012070159 NABL ULR No. : TC592620000009623F Customer Ref. No. : WO Letter Dated : 10.11.2020
--	---

Test Report as per	: NAAQS 2009
General Information	
Location of Sampling Point	: Near Main Gate
Date of Monitoring	: 27-11-2020
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 0.038
Volume of air sampled, m ³	: 53.4
Avg. Ambient Temperature, °C	: 24

TEST RESULTS

Description

Description	Ambient Air Quality Monitoring
-------------	--------------------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	89
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

V. Saini For SAURAV CHEMICALS LTD.

Vikrant
07-12-2020
Reviewer

Saurabh Sharma
07-12-2020
Saurabh Sharma
Authorized Signatory

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Saurav Chemicals Ltd. (Unit-3) Village: Bhagwanpura, Derabassi Barwala Road, Derabassi, Distt. SAS Nagar Dera Bassi	Sample Reg. No. :E01-2011280720 Sample Reg. Date :28-11-2020 Report Date :07-12-2020 Report No. :ICE-2012070159 NABL ULR No. :TC592620000009623F Customer Ref. No.: WO Letter Dated :10.11.2020
--	--

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ :1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ :1.0)


represents Customer Defined Fields

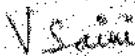
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056


REMARKS :N/A

*****End Of Report*****

For SAURAV CHEMICALS LTD.


Authorised Signatory


Vikrant
07-12-2020
Reviewer


07-12-2020
Saurabh Sharma
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.

ANNEXURE - XI

NOISE LEVEL MONITORING DATA

Sr. No.	DATE OF MONITORING	LOCATION	RESULT dB(A)	REMARKS
1.	14.10.2020	Old Intermediate	57.4	-
2.	14.10.2020	Old Intermediate (F.F)	49.3	-
3.	14.10.2020	Pharma -I	52.1	-
4.	14.10.2020	Maintenance near work shop	50.7	-
5.	14.10.2020	Pharma -2 (1 st F)	47.2	-
6.	14.10.2020	Pharma -2 (II nd F)	48.3	-
7.	14.10.2020	Utility near compressor	74.2	Ear plug provided
8.	14.10.2020	Utility (Near D.G set)	77.7	Ear plug provided
9.	14.10.2020	Pharma-3	48.9	-
10.	16.11.2020	Old Intermediate	48.0	-
11.	16.11.2020	Pharma -IV	64.1	-
12.	16.11.2020	Pharma -1	53.5	-
13.	16.11.2020	Pharma -1 (1 st F)	50.2	-
14.	16.11.2020	Pharma -2	51.8	-
15.	16.11.2020	Pharma -2 (II nd F)	54.7	-
16.	16.11.2020	Utility near compressor	71.8	Ear plug provided
17.	16.11.2020	Utility (Near D.G set)	79.3	Ear plug provided
18.	16.11.2020	Pharma -3	57.7	-
19.	16.11.2020	Pharma -3 (1 st F)	53.1	-
20.	16.11.2020	Pharma -2 (1 st F)	55.7	-

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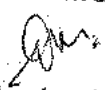
NOISE LEVEL MONITORING DATA

Sr. No.	DATE OF MONITORING	LOCATION	RESULT dB(A)	REMARKS
21.	12.12.2020	Old Intermediate	58.2	-
22.	12.12.2020	Old Intermediate (II nd F)	64.4	-
23.	12.12.2020	New Intermediate	53.1	-
24.	12.12.2020	New Intermediate (I st F)	47.5	-
25.	12.12.2020	Pharma -2(F.F)	53.2	-
26.	12.12.2020	Pharma -2 (II nd F)	50.5	-
27.	12.12.2020	Pharma -1	49.6	-
28.	12.12.2020	Pharma -3	52.7	-
29.	12.12.2020	Utility near compressor	73.4	Ear plug provided
30.	12.12.2020	Utility (Near D.G set)	77.5	Ear plug provided
31.	09.01.2021	Maintenance work shop	62.3	-
32.	09.01.2021	Pharma -3 (I st F)	57.3	-
33.	09.01.2021	Pharma -IV	61.4	-
34.	09.01.2021	Pharma -IV (F.F)	53.8	-
35.	09.01.2021	Pressure vessel area	60.2	-
36.	09.01.2021	SRP	62.9	-


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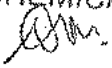
NOISE LEVEL MONITORING DATA

Sr. No.	DATE OF MONITORING	LOCATION	RESULT dB(A)	REMARKS
37.	22.02.2021	Old Intermediate	56.8	-
38.	22.02.2021	Old Intermediate (II nd F)	54.8	-
39.	22.02.2021	New Intermediate	57.9	-
40.	22.02.2021	New Intermediate (F.F)	61.5	-
41.	22.02.2021	Pharma -2(1 st F)	65.2	-
42.	22.02.2021	Pharma -2 (II nd F)	57.3	-
43.	22.02.2021	Utility near compressor	79.2	Ear plug provided
44.	22.02.2021	SRP(1 st F)	48.6	-
45.	22.02.2021	Utility (Near D.G set)	75.8	Ear plug provided
46.	22.02.2021	Maintenance work shop	64.8	-
47.	06.03.2021	Old Intermediate	58.9	-
48.	06.03.2021	Old Intermediate (1 st F)	61.3	-
49.	06.03.2021	Pharma -1	55.4	-
50.	06.03.2021	Pharma -1 (1 st F)	52.9	-
51.	06.03.2021	Pharma -2	63.7	-
52.	06.03.2021	Pharma -2 (II nd F)	59.0	-
53.	06.03.2021	Pharma -3	58.3	-
54.	06.03.2021	Pharma -3 (1 st F)	62.0	-
55.	06.03.2021	Pharma -IV	56.8	-

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For SAURAV CHEMICALS LTD.


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ANNEXURE - XII

ETP DAILY MONITORING DATA SHEET OCT - 2020

DATE	SAMPLE LOCATION	pH	TDS mg/L	COD mg/L	Oil & Grease mg/L	Remarks
03.10.20	ETP INLET	8.6	3190	2670	11.6	
	ETP OUTLET	7.3	180	32	Nil	
	MEE INLET	7.	47900	52800	ND	
	MEE OUTLET	9.0	970	2720	ND	
07.10.20	ETP INLET	8.4	2840	3400	9.7	
	ETP OUTLET	7.2	190	56	Nil	
12.10.20	ETP INLET	8.8	3140	2910	9.4	
	ETP OUTLET	7.4	170	40	Nil	
	MEE INLET	7.4	58170	56940	ND	
	MEE OUTLET	8.5	1090	2560	ND	
16.10.20	ETP INLET	8.9	3410	3290	12.1	
	ETP OUTLET	7.2	200	38	Nil	
	MEE INLET	7.6	74590	48500	ND	
	MEE OUTLET	9.2	1050	3120	ND	
20.04.20	ETP INLET	8.9	2750	3400	7.7	
	ETP OUTLET	7.4	184	34	Nil	
24.10.20	MEE INLET	7.6	63200	55000	ND	
	MEE OUTLET	9.2	1280	2940	ND	
	ETP INLET	8.9	3200	3400	11.3	
	ETP OUTLET	7.3	250	28	Nil	
27.10.20	ETP INLET	8.6	3140	2750	9.8	
	ETP OUTLET	7.1	270	42	Nil	
	MEE INLET	7.5	73500	65200	ND	
	MEE OUTLET	8.5	870	4000	ND	
30.10.20	ETP INLET	9.2	2850	2000	11.8	
	ETP OUTLET	7.2	240	32	Nil	
	MEE INLET	7.4	60000	71200	ND	
	MEE OUTLET	9.5	1040	3200	ND	

Note: ND = Not done

Analyzed by

Checked by

For SAURAV CHEMICALS LTD.

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ETP DAILY MONITORING DATA SHEET NOV - 2020

DATE	SAMPLE LOCATION	pH	TDS mg/L	COD mg/L	Oil & Grease mg/L	Remarks
04.11.20	ETP INLET	8.7	2600	3200	11.4	
	ETP OUTLET	7.3	315	30	Nil	
	MEE INLET	7.3	56240	52340	ND	
	MEE OUTLET	7.8	1340	2940	ND	
07.11.20	ETP INLET	8.2	3100	2650	5.8	
	ETP OUTLET	7.2	296	42	Nil	
10.11.20	MEE INLET	7.4	77420	48000	ND	
	MEE OUTLET	8.5	960	3200	ND	
	ETP INLET	8.6	2400	2040	9.7	
	ETP OUTLET	7.4	298	37	Nil	
13.11.20	ETP INLET	8.7	3340	3800	9.7	
	ETP OUTLET	7.2	342	37	Nil	
	MEE INLET	7.2	63140	50000	ND	
	MEE OUTLET	10.2	1340	3620	ND	
17.11.20	ETP INLET	9.2	2840	2800	7.6	
	ETP OUTLET	7.2	296	32	Nil	
	MEE INLET	7.4	61490	57240	ND	
	MEE OUTLET	9.2	1120	3410	ND	
21.11.20	MEE INLET	7.4	57480	55950	ND	
	MEE OUTLET	8.9	1020	3780	ND	
	ETP INLET	8.9	2830	3190	12.5	
	ETP OUTLET	7.2	320	42	Nil	
24.11.20	ETP INLET	9.1	3090	3210	8.8	
	ETP OUTLET	7.4	280	45	Nil	
	MEE INLET	7.4	61300	67500	ND	
	MEE OUTLET	9.2	1200	2800	ND	
27.11.20	ETP INLET	8.6	2620	2460	10.3	
	ETP OUTLET	7.5	330	42	Nil	
	MEE INLET	7.6	58690	75000	ND	
	MEE OUTLET	8.2	1150	3000	ND	
30.11.20	ETP INLET	9.3	3546	2800	7.7	
	ETP OUTLET	7.3	300	37	Nil	
	MEE INLET	7.5	58000	58700	ND	
	MEE OUTLET	8.5	1160	3220	ND	

Note: ND = Not done

Analyzed by

Checked by

For SAURAV CHEMICALS LTD.

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ETP DAILY MONITORING DATA SHEET DEC - 2020


DATE	SAMPLE LOCATION	pH	TDS mg/L	COD mg/L	Oil & Grease mg/L	Remarks
04.12.20	ETP INLET	8.8	3420	2600	8.8	
	ETP OUTLET	7.3	340	60	Nil	
07.12.20	MEE INLET	7.7	65220	71590	ND	
	MEE OUTLET	8.8	1040	3610	ND	
10.12.20	ETP INLET	8.8	2820	3000	11.2	
	ETP OUTLET	7.2	340	42	Nil	
	MEE INLET	7.5	64430	56490	ND	
	MEE OUTLET	8.8	1290	3110	ND	
13.12.20	ETP INLET	9.5	2800	3220	5.9	
	ETP OUTLET	7.3	310	46	Nil	
15.12.20	ETP INLET	8.4	2930	3200	12.7	
	ETP OUTLET	7.4	336	22	Nil	
18.12.20	ETP INLET	8.5	2840	3800	10.3	
	ETP OUTLET	7.2	336	28	Nil	
	MEE INLET	7.4	65000	46200	ND	
	MEE OUTLET	9.3	1070	3690	ND	
20.12.20	ETP INLET	8.5	3270	2620	9.4	
	ETP OUTLET	7.2	310	28	Nil	
23.12.20	ETP INLET	8.7	2790	3000	10.5	
	ETP OUTLET	7.2	340	36	Nil	
	MEE INLET	7.2	61340	64000	ND	
	MEE OUTLET	8.7	1420	3200	ND	
25.12.20	ETP INLET	8.8	2510	2730	7.5	
	ETP OUTLET	7.1	300	37	Nil	
27.12.20	ETP INLET	9.1	2800	2400	11.8	
	ETP OUTLET	7.1	350	42	Nil	
28.12.20	ETP INLET	9.2	3200	2860	8.7	
	ETP OUTLET	7.1	340	28	Nil	
	MEE INLET	8.2	52300	55000	ND	
	MEE OUTLET	9.1	1240	2800	ND	
30.12.20	MEE INLET	7.4	51690	55000	ND	
	MEE OUTLET	9.5	890	2420	ND	
	ETP INLET	8.5	2800	3500	7.8	
	ETP OUTLET	7.0	348	24	Nil	

Note: ND = Not done

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For SAURAV CHEMICALS LTD.


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ETP DAILY MONITORING DATA SHEET JAN - 2021


DATE	SAMPLE LOCATION	pH	TDS mg/L	COD mg/L	Oil & Grease mg/L	Remarks
03.01.21	ETP INLET	8.5	3240	2540	9.7	
	ETP OUTLET	7.2	290	18	Nil	
	MEE INLET	7.7	71300	68700	ND	
	MEE OUTLET	8.9	1020	2400	ND	
06.01.21	ETP INLET	8.8	3200	3000	8.3	
	ETP OUTLET	7.4	280	24	Nil	
07.01.21	MEE INLET	7.4	57400	45290	ND	
	MEE OUTLET	9.5	1250	3390	ND	
09.01.21	ETP INLET	8.8	3200	3000	13.5	
	ETP OUTLET	7.4	340	32	Nil	
	MEE INLET	7.6	67540	52000	ND	
	MEE OUTLET	8.5	970	2200	ND	
11.01.21	ETP INLET	8.5	3120	2940	7.6	
	ETP OUTLET	7.2	320	37	Nil	
	MEE INLET	7.6	50000	54200	ND	
	MEE OUTLET	8.9	1240	3200	ND	
14.01.21	ETP INLET	8.6	3200	3670	10.2	
	ETP OUTLET	7.2	332	42	Nil	
17.01.21	ETP INLET	8.7	3200	4200	8.8	
	ETP OUTLET	7.4	340	44	Nil	
19.01.21	MEE INLET	7.5	65140	73220	ND	
	MEE OUTLET	8.6	1540	3400	ND	
22.01.21	ETP INLET	8.4	3400	3500	8.2	
	ETP OUTLET	7.2	360	36	Nil	
24.01.21	ETP INLET	8.6	3100	2220	5.7	
	ETP OUTLET	7.4	328	30	Nil	
26.01.21	MEE INLET	7.4	64000	68300	ND	
	MEE OUTLET	9.2	1420	4200	ND	
28.01.21	ETP INLET	8.9	3940	2910	9.4	
	ETP OUTLET	7.4	320	49	Nil	
31.01.21	ETP INLET	8.7	3600	3590	12.0	
	ETP OUTLET	7.5	348	42	Nil	

Note: ND = Not done

Analyzed by 

Checked by 


For SAURAV CHEMICALS LTD.


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ETP DAILY MONITORING DATA SHEET FEB - 2021


DATE	SAMPLE LOCATION	pH	TDS mg/L	COD mg/L	Oil & Grease mg/L	Remarks
01.02.21	ETP INLET	8.4	2740	3200	9.6	
	ETP OUTLET	7.2	340	40	Nil	
	MEE INLET	7.9	51000	56000	ND	
	MEE OUTLET	9.5	1360	2920	ND	
04.02.21	ETP INLET	9.1	3200	3650	8.4	
	ETP OUTLET	7.4	355	34	Nil	
07.02.21	ETP INLET	8.7	3240	3400	7.6	
	ETP OUTLET	7.2	290	37	Nil	
11.02.21	ETP INLET	9.2	3200	2750	8.3	
	ETP OUTLET	7.5	320	40	Nil	
	MEE INLET	7.5	73000	56000	ND	
	MEE OUTLET	9.4	870	3200	ND	
14.02.21	ETP INLET	8.5	3420	3150	10.4	
	ETP OUTLET	7.6	330	43	Nil	
17.02.21	MEE INLET	7.5	65420	48000	ND	
	MEE OUTLET	8.8	1130	2600	ND	
19.02.21	ETP INLET	7.9	2370	2420	6.6	
	ETP OUTLET	7.2	320	37	Nil	
21.02.21	MEE INLET	7.9	71300	65000	ND	
	MEE OUTLET	8.8	960	4200	ND	
24.02.21	ETP INLET	9.1	2520	3590	8.1	
	ETP OUTLET	7.2	340	54	Nil	
26.02.21	ETP INLET	9.2	3640	3200	9.4	
	ETP OUTLET	7.2	290	41	Nil	
	MEE INLET	8.1	71340	60000	ND	
	MEE OUTLET	9.0	800	3620	ND	
28.02.21	ETP INLET	8.3	2590	3000	7.7	
	ETP OUTLET	7.2	295	36	Nil	
	MEE INLET	7.9	66000	42220	ND	
	MEE OUTLET	8.6	910	2800	ND	

Note: ND = Not done

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ETP DAILY MONITORING DATA SHEET MAR - 2021


DATE	SAMPLE LOCATION	pH	TDS mg/L	COD mg/L	Oil & Grease mg/L	Remarks
02.03.21	ETP INLET	8.6	2520	2420	8.6	
	ETP OUTLET	7.2	400	23	Nil	
	MEE INLET	7.8	72590	62220	ND	
	MEE OUTLET	8.9	1480	2800	ND	
05.03.21	ETP INLET	7.9	3540	4000	7.7	
	ETP OUTLET	7.2	362	30	Nil	
08.03.21	ETP INLET	8.5	2870	2460	9.6	
	ETP OUTLET	7.3	380	34	Nil	
11.03.21	ETP INLET	8.0	3220	2420	7.9	
	ETP OUTLET	7.3	340	42	Nil	
	MEE INLET	7.5	68300	59220	ND	
	MEE OUTLET	8.7	1210	2640	ND	
13.03.21	ETP INLET	8.3	3100	3200	8.8	
	ETP OUTLET	7.3	370	36	Nil	
16.03.21	MEE INLET	7.3	51590	59300	ND	
	MEE OUTLET	9.2	1390	3820	ND	
16.03.21	ETP INLET	8.7	3740	2800	9.9	
	ETP OUTLET	7.3	390	25	Nil	
21.03.21	MEE INLET	7.5	57300	61340	ND	
	MEE OUTLET	9.1	1020	2800	ND	
23.03.21	ETP INLET	8.7	2600	3000	6.6	
	ETP OUTLET	7.2	380	24	Nil	
25.03.21	ETP INLET	8.9	2800	3600	7.8	
	ETP OUTLET	7.1	410	22	Nil	
28.03.21	MEE INLET	7.6	71590	45200	ND	
	MEE OUTLET	9.1	1000	3840	ND	
	ETP INLET	8.5	2600	3200	10.2	
	ETP OUTLET	7.2	390	26	Nil	
31.03.21	MEE INLET	7.1	56500	46200	ND	
	MEE OUTLET	8.8	890	3200	ND	
	ETP INLET	8.5	3440	3200	8.8	
	ETP OUTLET	7.5	350	28	Nil	

Note: ND = Not done

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For SAURAV CHEMICALS LTD.

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Test Report


Document QF : 2501

Page 1 of 3

Issued To Saurav Chemicals Ltd. (Unit-3) Village: Bhagwanpura, Derabassi Barwala Road, Derabassi, Distt. SAS Nagar Dera Bassi	Sample Reg. No. : SE01-2011280710 Sample Reg. Date : 28-11-2020 Report Date : 03-12-2020 Report No. : ICE-2012030051 NABL ULR No. : TC592620000009527F Customer Ref. No.: WO Letter Dated : 10.11.2020
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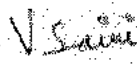
Test Report as per IS:EPA Act 1986/PCLS/2010	With Amendment No(s):
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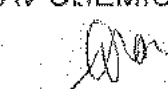
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample [#]	ETP Outlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number [#]	NA
g)	D.O.M [#]	NA
h)	Date of Expiry [#]	NA
i)	Sample Quantity [#]	2 Ltr
j)	Batch Size/Location [#]	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	28-11-2020
m)	Date of Start	28-11-2020
n)	Date of Completion	03-12-2020
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample Collected by lab rep. as per SOP/ITC/BW/030 on dated 27.11.2020
r)	Test Request Submitted By	Saurav Chemicals Ltd. (Unit-3)-Dera Bassi (Punjab)
s)	Manufactured By [#]	NA
t)	Supplied By [#]	NA

PART B : SUPPLIMENTARY INFORMATIONS

For SAURAV CHEMICALS LTD.


Vikrant
03-12-2020
Reviewer


03-12-2020
Saurabh Sharina
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Saurav Chemicals Ltd. (Unit-3) Village: Bhagwanpura, Derabassi Barwala Road, Derabassi, Distt. SAS Nagar Dera Bassi	Sample Reg. No. :E01-2011280710 Sample Reg. Date :28-11-2020 Report Date :03-12-2020 Report No. :ICE-2012030051 NABL ULR No. :TC592620000009527F Customer Ref. No.: WO Letter Dated :10.11.2020
--	--

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

PART C : TEST RESULTS

Description

Description: ETP Outlet Water

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6-8.5	7.61
b.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)	Max. 100	<1.0
c.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA:2006)	Max. 2100--	297
d.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Max. 250	8
e.	Bio-chemical Oxygen Demand, mg/l. (3 days at 27°C)	IS:3025(P-44)	Max. 30	2
f.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
g.	Lead(as Pb)(mg/l)	IS: 3025 (P-2)	Max. 0.1	BLQ(LOQ : 0.05)
h.	Arsenic(as As)(mg/L)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ : 0.05)
i.	Mercury(As Hg)(mg/L)	IS: 3025 (P-2)	Max. 0.01	BLQ(LOQ : 0.01)
j.	Chromium (as Cr ⁶⁺),(mg/L)	IS:3025(Part-52)	Max. 0.10	BLQ(LOQ:0.01)
k.	Total Chromium as Cr(mg/L)	IS: 3025 (P-2)	Max. 2.0	BLQ(LOQ : 0.05)
l.	Cyanide as CN, (mg/L)	IS:3025(P-27)	Max. 0.10	Absent
m.	Phosphate as P (mg/l)	APHA-23rd Edition	Max. 5.0	BLQ(LOQ:0.1)
n.	Sulphide(as S)(mg/L)	IS:3025(Part 29)	Max. 2.0	BLQ(LOQ:0.5)
o.	Phenolic Compounds (as C ₆ H ₅ OH) (mg/L)	IS 3025 (Part-43)	Max. 1.0	BLQ(LOQ:0.1)

For SAURAV CHEMICALS LTD.

V. Saini
Vikrant
03-12-2020
Reviewer

Saurabh Sharma
03-12-2020
Authorised Signatory Saurabh Sharma
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
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Test Report

Document QF : 2501
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Issued To	Sample Reg. No. :E01-2011280710
Saurav Chemicals Ltd. (Unit-3)	Sample Reg. Date :28-11-2020
Village: Bhagwanpura, Derabassi Barwala Road, Derabassi, Distt.	Report Date :03-12-2020
SAS Nagar	Report No. :ICE-2012030051
Dera Bassi	NABL ULR No. :TC592620000009527F
	Customer Ref. No.: WO
	Letter Dated :10.11.2020


represents Customer Defined Fields


NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA 1986/PCLS/2010


PART D : REMARKS :N/A

*****End Of Report*****

For SAURAV CHEMICALS LTD.


Authorised Signatory


Vikrant
03-12-2020
Reviewer


03-12-2020
Saurabh Sharma
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.

Water Withdrawal data from 01-Apr-20 to 31-Mar-21

ANNEXURE - XIV

Date	UOM	Month											
		Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
1	KL	0	54	101	76	76	63	60	60	45	30	42	42
2	KL	0	44	66	69	69	79	83	66	44	41	51	53
3	KL	25	84	98	85	85	61	87	67	45	50	51	48
4	KL	0	35	104	50	50	63	100	63	46	68	52	48
5	KL	0	50	105	74	74	41	65	60	50	50	51	50
6	KL	0	64	102	83	83	80	64	31	55	65	50	47
7	KL	26	67	62	83	83	71	59	54	58	52	50	43
8	KL	0	61	75	84	84	75	76	50	55	54	48	51
9	KL	30	75	45	85	85	67	64	67	52	46	50	48
10	KL	37	47	67	79	79	84	70	56	50	64	51	48
11	KL	0	88	77	77	77	75	74	84	59	47	51	55
12	KL	41	56	75	60	60	90	66	78	54	63	34	48
13	KL	41	58	87	73	73	92	64	98	49	50	38	53
14	KL	7	76	79	90	90	58	49	63	48	57	34	46
15	KL	44	82	65	78	78	62	70	39	51	55	41	39
16	KL	49	54	81	85	85	38	59	43	62	51	39	25
17	KL	40	82	70	59	59	43	95	46	59	66	48	27
18	KL	49	85	71	62	62	45	55	47	45	73	46	30
19	KL	52	72	97	57	57	90	46	49	53	28	50	54
20	KL	55	103	100	52	52	97	91	48	52	44	47	60
21	KL	60	81	98	60	60	92	50	50	45	51	48	46
22	KL	54	62	102	81	81	67	46	48	55	57	32	68
23	KL	46	102	105	87	87	66	68	47	60	62	39	50
24	KL	45	80	88	105	105	59	69	43	65	56	49	50
25	KL	47	85	98	98	98	50	75	62	82	51	52	50
26	KL	48	87	64	99	99	25	71	36	60	54	49	50
27	KL	50	85	63	107	107	80	66	49	44	29	50	60
28	KL	79	98	53	80	80	105	50	47	49	62	39	51
29	KL	49	83	69	105	105	95	61	48	50	73		50
30	KL	59	99	76	87	87	75	61	54	51	27		26
31	KL		69		105	105		53		75	88		32
Total	KL	1033	2268	2443	2475	2475	2088	2067	1653	1668	1664	1282	1448
Average	KL	34.4	73.2	81.4	79.8	79.8	69.6	66.7	55.1	53.8	53.7	45.8	46.7

For SAURAV CHEMICALS LTD.

Authorised Signatory



PUNJAB POLLUTION CONTROL BOARD
VATAVARAN BHAWAN, PATIALA

Ph: 2215793, 2215802, PBX: 2227925, 2200282, 2200557, 2200897 Extn. 209

E-mail: info@ppcbonline.com or ppcb@ch.vsnl.net.in

Web: www.ppcbonline.com or <http://www.punjabpollutioncontrolboard.org>

FAX: 0175- 2215636

ANNEXURE - SII

38

No. EE (ZP-I)/2007/PTA/LM/124/ 10735

Date: 5.9.07

Registered

To

M/s Saurav Chemicals Ltd. (Unit-III),
Vill. Bhagwanpura,
Dera Bassi-Barwala Road, Dera Bassi,
Distt. Mohali.

Sub: Regarding providing rain water harvesting system in its premises by the industry.

It is intimated that the Board is discouraging the industrial plants against providing rain water harvesting system inside the industrial plant with the apprehension that the industrial plant may misutilize the said system at any time for discharge of wastewater. Moreover, the topography of the Dera Bassi area is such that during rainy season there is every possibility of flooding of the area due to rain water, which some times carries such pollutants due to which the ground water may get contaminated. Therefore, the industry cannot be allowed to construct rain water harvesting system being a Pharmaceutical unit highly polluting in nature.

Endst. No. _____

ph
Environmental Engineer (ZP-I)

Dated. _____

A copy of the above is forwarded to the Environmental Engineer, Punjab Pollution Control Board, Nodal office, Mohali for information & necessary action w.r.t. his letter no. 2270 dated 21/5/2007.

sl
Environmental Engineer (ZP-I)

For SAURAV CHEMICALS LTD.

Am
Authorised Signatory

Different Locations of Water & treated Effluent Readings

Month: April 2021

ANNEXURE - III

Date	Borewell Withdrawl (KL)	ETP Inlet (KL)	ETP Outlet (RO Feed) (KL)	RO Permeate (trf for makeup) (KL)	RO Reject (KL)	MEE Feed (KL)	MEE Distillate (KL)
1	56	48	60	50	7	13	14
2	75	51	64	52	8	14	15
3	58	45	61	48	7	15	16
4	50	43	57	46	6	13	15
5	54	47	59	49	7	12	14
6	54	42	55	44	6	9	11
7	54	50	54	43	6	13	15
8	55	48	60	49	7	12	14
9	61	48	58	51	7	15	16
10	65	50	57	46	7	14	15
11	53	57	64	52	8	13	16
12	84	47	50	40	6	14	16
13	67	56	62	50	8	16	19
14	69	50	51	40	5	13	15
15	77	57	66	55	9	15	17
16	70	60	56	45	7	14	16
17	73	55	60	50	7	12	13
18	72	44	59	50	7	10	13
19	64	47	61	50	8	13	15
20	85	53	55	45	7	12	14
21	49	56	60	50	8	14	16
22	43	52	55	43	8	13	15
23	64	54	53	44	8	11	13
24	81	51	55	44	7	15	15
25	52	50	54	44	7	13	16
26	57	54	47	38	5	12	14
27	83	60	61	50	8	15	16
28	66	68	77	64	10	13	15
29	64	60	67	55	9	12	14
30	82	55	69	57	8	15	16

For SAURAV CHEMICALS LTD.

Authorised Signatory

ANNEXURE - XVII

OFFICE OF THE DIRECTOR OF FACTORIES, PUNJAB,
S.C.O.No. 87-88, SECTOR 17-D, CHANDIGARH.

To

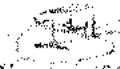
M/s Saurav Chemicals Limited,
Village - Bhagwanpura, Tehsil - Derabassi,
District - S.A.S. Nagar (Mohali).

No. DOF/G-3/283/2015/ 2F19/2-3-15
Dated: Chandigarh the;

Subject:- Approval of On-Site Emergency Plan.

The On-Site Emergency Plan of your factory was received in this office. After going through it, one copy of the On-Site Emergency Plan is sent herewith after duly approved with the following conditions:-

1. The site plan of factory shall be attached with the On-Site Emergency Plan, clearly indicating the hazardous area and assembly points.
2. The On-Site Emergency Plan will be revised whenever there is any expansion/change in the organization.
3. The mock drill will be conducted after every six months and report be sent to the Director of Factories, Punjab, Chandigarh and Deputy/ Assistant Director of Factories, S.A.S. Nagar (Mohali).
4. It shall be modified according to the directions of the Director of Factories, Punjab.



Addl. Director of Factories,
For Director of Factories, Punjab.

Endst. No. DOF/G-3/283/2015/
Dated, Chandigarh the:


A copy of above is sent to the following for information and necessary

action:-

1. Deputy Director of Factories, S.A.S. Nagar (Mohali).
2. Assistant Director of Factories (Chemical), Circle-I, S.A.S. Nagar (Mohali).


Addl. Director of Factories,
For Director of Factories, Punjab.

For SAURAV CHEMICALS LTD.


Authorised Signatory