

R.S. CHEMICALS  
Manf. Of Formaldehyde

Head Office: H. No. 85, Sector 4,  
Rohtak, Haryana, PIN- 124001  
Mob No: 9050804528, 9416350098  
(GSTIN: 06AAXFR1454J1ZP)

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Date- 06.06.2024

To,  
The Director,  
Northern Regional Office,  
Ministry of Environment, Forest & Climate Change  
Bays No. 24-25. Sector-31 A11/22/2023  
Dakshin Marg, Chandigarh-160030

**Sub:** Compliance of stipulated Environmental conditions/safeguards for the period “October 2023-March 2024” and Monitoring reports of May 2024 for Formaldehyde Manufacturing Unit located at Village Kunjal Jatan, Tehsil Radaur, District Yamuna Nagar, Haryana by M/s R. S. Chemicals.

**Ref. No.:** Environment Clearance letter no. SEIAA(128)/HR/2021/691 dated 13.07.2021

Dear Sir,

With reference to the Environment Clearance letter no. SEIAA(128)/HR/2021/691 issued by State Environment Impact Assessment Authority, Haryana, submitting compliance with the specific and general conditions/safeguards.

In view of above, we submitting a copy of the following information/documents for your kind perusal:

1. Point – wise compliance of the stipulated environmental conditions/safeguards.
2. Lab monitoring analysis reports.

We fully assure you that, we will comply with all specific and general conditions/safeguards as specified in the above said Environment Clearance letter.

Thanking you,  
Yours sincerely,

For M/s R. S. Chemicals

**For R. S. CHEMICALS**

(Authorized Signatory)

  
Partner

**Copy to:**

- The Chairman, Haryana State Pollution Control Board, C-11, sector-6, Panchkula, Haryana.
- The Member secretary, SEIAA, Bays 55-58, Parytan Bhawan, I<sup>st</sup> Floor Sector-2, Panchkula, Haryana

Yours faithfully,

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Site Office: Vill Kunjal Jattan, Damla, Tehsil: Radaur, Yamunanagar, Haryana, PIN: 135001.

**HALF YEARLY ENVIRONMENT COMPLIANCE**  
**REPORT**

**SESSION: OCTOBER 2023 TO MARCH 2024**

EC NO. *SEIAA(128)/HR/2021/691* DATED *13-07-2021*

FOR

**“Formaldehyde Manufacturing Unit”**

AT

Khasra no: 14/12/2, 12/3, 13/1/1 Village Kunjal Jatan,  
Tehsil Radaur, District Yamuna Nagar, Haryana

BY

**M/s R. S. Chemicals**

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**ANNEXURE A**  
**COMPLIANCE REPORT**

**Formaldehyde Manufacturing Unit**  
**located at khasra no: 14/12/2, 12/3, 13/1/1 Village Kunjal Jatan,**  
**Tehsil Radaur, District Yamuna Nagar, Haryana**

**COMPLIANCE REPORT**

**SPECIFIC AND STATUTORY CONDITIONS AS PER THE ENVIRONMENTAL CLEARANCE LETTER NO: No. SEIAA(I28)/HR/2021/691, Dated 13-07-2021, (ANNEXURE I) FOR CONSTRUCTION AND OPERATION PHASES OF THE PROJECT PERIOD OCTOBER 2023-MARCH 2024**

Lab monitoring reports for the month of May 2024 for Ambient Air, Ambient Noise, Soil, Stack Emission, DG Set Noise and Drinking Water are attached as an *Annexure II*.

**SPECIFIC CONDITIONS:**

S.NO.	CONDITIONS	COMPLIANCE
1.	The PP shall get the mandatory registration of boiler as per the Boiler Act 1923 and rules 1950 from the Chief Boiler Inspector.	<b>Complied:</b> There is a baby boiler installed at the project site hence no need for registration of boiler as per Boiler act 1923 and rules 1950 from the chief Boiler Inspector.
2.	The PP shall ensure effective functioning of safety, drain valve, monitoring instruments of critical parameter through regular checks and maintain the record for it.	<b>Complied:</b> All safety measures have been taken.
3.	The PP shall ensure the compliance of safety provisions for the transportation of methanol and formaldehyde from the source of procurement and to the sale point.	<b>Complied:</b> It has been ensured that compliance of safety provisions for transportation of methanol and formaldehyde from the source of procurement and to the sale point.
4.	The PP shall display the emergency information panel at front and back or both sides of the vehicle while transportation as per the Central motor vehicle rules 1989.	<b>Complied:</b> Emergency information panel has been displayed at front and back or both sides of the vehicle while transportation as per the Central motor vehicle rules 1989.
5.	The PP shall ensure all the safety measures for the workers at the project site and also ensure that methanol and formaldehyde shall not be misused/consumed by the workers as these chemicals are highly dangerous and could lead to blindness or even death.	<b>Complied:</b> Safety measures has been ensured for the workers at the project site that methanol and formaldehyde will not be misused/consumed by workers as these chemicals are highly dangerous. <ul style="list-style-type: none"> <li>• Fire NOC has been obtained from Fire Station officer Yamuna nagar vide memo no. FS/2022/5 dated- 09/04/2022. The copy of the same is attached as an <i>Annexure-III</i>.</li> </ul>
6.	The PP shall ensure that the underground tanks constructed for the purpose of storage of methanol shall comply with the existing provisions of the safety measures and shall be safely transmitted through full proof method of safety into the reactors.	<b>Complied:</b> There are four Underground tanks constructed for purpose of storage of methanol with all the precautions measures. <ul style="list-style-type: none"> <li>• The certificate for storage of Methanol has been obtained from Petroleum and explosive safety Organization (PESO) vide <b>letter no. P/NC/HN/15/1958(P441379) dated-</b></li> </ul>

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit**  
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		<b>22.10.2020.</b> The copy of the same is attached as an <b>Annexure-IV.</b>
7.	The PP shall ensure that no leakage shall take place from the underground tanks as the leakage destroys the underground water.	<b>Noted:</b> All the safety provisions/measures has been followed to prevent leakage of methanol at the project site.
8.	The PP shall obtain authorization for boilers and their renewal from time to time from competent Authority.	<b>Noted:</b>
9.	The PP should install sensors to measure the methanol vapors in the project area and also ensure the installation of online monitoring system for fugitive emission i.e. CH <sub>3</sub> OH, VOC, CCO, CO <sub>2</sub> , NO <sub>x</sub> , SO <sub>x</sub> etc and connect to server of CPCB/HSPCB. Continuous online (24X7) monitoring system for stack emissions shall be installed for Measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For 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.	<b>Noted:</b> We will install sensor to measure the methanol vapors in the project site and also ensued the installation of online monitoring system for fugitive emission.
10.	The PP agrees that they will shift to the gas based generator set as and when the gas is available and HSD will be used presently in the DG set and appropriate APCM will be used in the generator sets.	<b>Noted:</b> We will use gas based generator set and HSD is being used presently in the DG set with appropriate APCM. The test report of DG noise and stack emission is attached and referred as an <b>Annexure-II.</b> <ul style="list-style-type: none"> <li>• The photographs of DG set installed at the project site is attached as an <b>Annexure-V.</b></li> </ul>
11.	The PP shall take the floor wash. Chemicals spill etc. of the project to the ETP and shall be properly treated before being used and also ensure that these spills shall not be mixed with rain water. Effluent shall be treated in the ETP and should adhere to the HSPCB/CPCB Guidelines.	<b>Complied:</b>

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12.	The PP shall ensure the zero liquid discharge shall be undertaken and the effluent of ETP shall be used inside the factory, no waste/treated water shall be discharged outside the premises.	<b>Complied:</b> Total water requirement is 23 KLD out of which 21 KLD for industrial use, 1.50 KLD for domestic use and 0.50 KLD for greenbelt development purpose and there is a very small quantity of wastewater generated for which a septic tank has been provided at the project site and treated water from septic tank is being used in greenbelt. Hence, Total water is being used within the industrial activity and there is a zero liquid discharge at the project site.
13.	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	<b>Complied:</b> Consent to establish has been obtained from HSPCB vide <i>letter no. HSPCB/Consent/: 313096621YAMCTE141900703 dated-13/08/2021 valid upto 12/08/2026.</i> The copy of CTE is attached as an <i>Annexure-VI.</i> Consent to Operate has been obtained from HSPCB vide <i>letter no. HSPCB/Consent/:313096622YAMCTO19364474 Dated-07/02/2022 valid upto 30/09/2026.</i> The copy of CTO is attached as an <i>Annexure-VII.</i>
14.	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	<b>Complied:</b> There has been no solid waste generation. Only kitchen waste is being generated and managed in bin system.
15.	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be maintained through stack of adequate height as per CPCB/SPCB guidelines.	<b>Complied:</b> Suitable pollution control measures has been installed at the project site. • Test report of ambient air quality and DG noise & stack emission is attached and referred as an <i>Annexure-II.</i>
16.	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	<b>Complied:</b> There is very less amount of wastewater has been generated from project site for which septic tank has installed and treated water from septic tank is being used in greenbelt development within the project site.
17.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	<b>Complied:</b> Hazardous chemicals has been stored in tanks, drums and flame arresters is being provided on tank farm and solvent to transfer through pumps.

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18.	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 the TSDF.	<b>Complied.</b>
19.	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.	<b>Complied.</b>
20.	Separate wet and dry bins must be provided at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.	<b>Noted:</b>
21.	No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sq.m of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 1368.24 sqm (35% of total plot area) shall be provided for green area development.	<b>Noted:</b> No tree cutting was done at the project site.
22.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before	<b>Noted:</b> The Project Proponent had obtained all necessary clearance/permission from all relevant agencies.

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	commencement of work. All the construction shall be done in accordance with the local building byelaws.	
23.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipment's etc. as per National Building Code including protection measures from lightening etc.	<b>Complied:</b> Approval of firefighting scheme has been obtained from fire Department vide memo no. <b>FS/2022/5 dated- 09/04/2022.</b> The copy of the same is attached and referred as an <b>Annexure-III.</b>
24.	The company shall undertake waste minimization measures as below:- (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 vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation	<b>Complied:</b> The company is being undertake waste minimization measures as below:- (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 vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation
25.	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	<b>Complied:</b> Emission limit and stack height has been in conformity with the extant regulation and CPCB guidelines. Acoustic enclosures have been provided. Noise Monitoring report enclosed as an <b>Annexure-II.</b>
26.	The unit shall make the arrangement for protection of possible fire hazards during Manufacturing process in material handling. Fire fighting system shall be as per the norms.	<b>Complied:</b> All the possible arrangements has been taken for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system is as per norms.
27.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<b>Complied:</b> Occupational health surveillance of the workers has been done on a regular basis and records maintained as per the Factories Act.

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28.	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 outside on public places.	<b>Complied:</b> There has been provided adequate space for Vehicles for raw materials and finished products.
29.	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	<b>Complied:</b> Storage of raw materials has been either stored in soil or in covered areas to prevent dust pollution and other fugitive emissions.
30.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.	<b>Complied:</b> Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
31.	PP will achieve Zero liquid Discharge (ZLD). A water balance is enclosed.	<b>Complied:</b> Zero liquid discharge (ZLD) has been followed at the project site.
32.	The Proposed capacity of 1 no. of DG set is 125 K V A & 1 No. of boiler is 10 kg/Hr (steam) with HSD as fuel, follow the related Guidelines of graded Response Action Plan (GRAP), National Clean Air Programmed (NCAP) & strictures/injunctions passed by Hon'ble EPCA,NGT in regard of operation and nature of fuel for DG sets. The same stands for the running of DG sets during construction phase.	<b>Complied:</b> All the rules and related guidelines of graded Response Action Plan (GRAP), National Clean Air programmed (NCAP) has been followed.

**PART A. STATUTORY COMPLIANCE**

S.NO.	CONDITIONS	COMPLIANCE
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986. in case of the diversion of forest land for non-forest purpose involved in the project.	<b>Noted:</b> No forests land is present near the project site. • Forests NOC obtained from Forests department Haryana vide a <b>letter no. 1930 dated- 07.08.2019</b> . The copy of the same is attached as an <b>Annexure- VIII</b> .
ii.	The project proponent shall obtain clearance from the National Board for wildlife, if applicable.	<b>Noted:</b>
iii.	The Project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and	<b>Noted:</b> No schedule-I species is found in the study area.

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit  
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	approved by the Chief Wildlife Warden. The recommendation 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-1 species in the study area).	
iv.	The project proponent shall obtain Consent to establish/operate under the provision of air (Prevention & Control pollution) Act, 1981 and the water (Prevention & control of pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	<b>Complied:</b> Consent to Establish has been obtained from HSPCB vide letter no. HSPCB/Consent/:313096621YAMCTE14190703 dated- 13/08/2021. The copy of the same is attached & referred as an <b>Annexure-VI</b> . • Consent to Operate has been obtained from HSPCB vide letter no. <b>HSPCB/Consent/:313096622YAMCTO19364474 Dated- 07/02/2022</b> . The copy of the same is attached and referred as an <b>Annexure-VII</b> .
v.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as attended from time of time.	<b>Noted:</b> Baby boiler is being used for manufacturing of formaldehyde at the project site.
vi.	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.	<b>Noted:</b> The company is being 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 will be as per the Motor Vehicle Act (MVA), 1989.

**I. AIR QUALITY MONITORING AND PRESERVATION:**

S.NO.	CONDITIONS	COMPLIANCE
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system	<b>Noted:</b> We will install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986.

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	from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories	
ii.	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.	<b>Noted:</b> The project proponent will monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
iii.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant of the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOX in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	<b>Complied:</b> Test report of Ambient Air quality monitoring of May 2024 is attached and referred as an <i>Annexure-II</i> .
iv.	To control source and the 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 stack of adequate height as per CPCB/SPCB guidelines.	<b>Complied:</b> Test report of Ambient Air quality monitoring of May 2024 is attached and referred as an <i>Annexure-II</i> .
v.	Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	<b>Complied:</b> Raw materials has been stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
vi.	National Emission Standard for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608 (E) dated 21st July, 2010 and amended form time to time shall be followed.	<b>Noted:</b> National Emission Standard for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608 (E) dated 21st July, 2010 and amended form time to time will be followed.

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vii.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R No. 826 (E) dated 16th November, 2009 shall be complied with.	<b>Noted:</b> The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R No. 826 (E) dated 16th November, 2009 will be complied with.
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**II. WATER QUALITY MONITORING AND PRESERVATION**

S.NO.	CONDITIONS	COMPLIANCE
i.	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 (applicable in case of the projects achieving ZLD).	<b>Complied:</b>
ii.	As already committed by the project proponent. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD)	<b>Complied:</b> There is no wastewater discharge outside the premise and ZLD is being followed.
iii.	The effluent discharge shall conform 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.	<b>Noted:</b> The effluent discharge will conform 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.
iv.	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	<b>Complied:</b> Total water requirement is 23 KLD and will not exceed without prior permission of CGWA.
v.	Process effluent/any wastewater 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.	<b>Complied:</b> No wastewater is being generated at the project site.
vi.	The Company shall harvest rainwater from the rooftops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	<b>Complied:</b> Rainwater harvesting tanks has been provided at the project site to recharge the ground water and utilize the same for different industrial operations within the plant. <ul style="list-style-type: none"> <li>Photograph of rainwater harvesting pit is attached as an <b>Annexure- IX</b>.</li> </ul>

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit**  
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vii.	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 regulations and the guidelines in this regard.	<b>Complied:</b> DG set of 125 kVA of HSD has been installed at the project site with APCS and stack height of 6 m above roof top of the project site. The test report of DG noise & stack emission is attached and referred as an <i>Annexure-II</i> .
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**III. NOISE MONITORING AND PREVENTION:**

S.NO.	CONDITIONS	COMPLIANCE
i.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	<b>Complied:</b> Acoustic enclosure has been provided to DG set for controlling noise pollution. The geotagged photograph of DG set is attached and referred as an <i>Annexure-V</i> .
ii.	The overall noise levels in and around the plant areas shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	<b>Complied:</b> The overall noise levels in and around the plant areas is being kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
iii.	The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986, viz. 75dB (A) during day time and 70 dB (A) during night time.	<b>Noted:</b> The ambient noise levels is being conform to the standards prescribed under E (P) A Rules, 1986, viz. 75dB (A) during day time and 70 dB (A) during night time. <ul style="list-style-type: none"> <li>The test report of ambient noise is attached and referred as an <i>Annexure-II</i>.</li> </ul>

**IV. ENERGY CONSERVATION MEASURES**

S.NO.	CONDITIONS	COMPLIANCE
i.	The energy sources for lighting purposes shall preferably be LED based	<b>Complied:</b> LED based lights has been installed at the project site for energy conservation.
ii.	The PP will follow guidelines of ECBC required for industrial projects.	<b>Noted:</b> The PP will follow guidelines of ECBC required for industrial projects.

**V. WASTE MANAGEMENT**

S.NO.	CONDITIONS	COMPLIANCE
i.	Hazardous chemicals shall be stored in tanks" tank farms, drums, carboys etc. Flame arresters shall be provided on	<b>Complied:</b> Hazardous chemicals has been stored in tanks, trums, carboys etc.

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	tank farm and the solvent transfer through pumps.	
ii.	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 the TSDF.	<b>Complied:</b>
iii.	The company shall undertake waste minimization measures as below:- (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 the other process. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapors recovery system. (f) Use of high pressure houses for equipment clearing to reduce wastewater generation.	<b>Complied:</b>

**VI. GREEN BELT**

S.NO.	CONDITIONS	COMPLIANCE
i.	The green belt 15-10 m width shall be developed in more than 33% of the 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.	<b>Complied.</b> Total green area of 1368.24 sq.m i.e. 35 % of total plot area has been developed at the project site.

**VII. SAFETY, PUBLIC HEARING AND HUMAN HEALTH ISSUES**

S.NO.	CONDITIONS	COMPLIANCE
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	<b>Complied:</b> Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan has been implemented.

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit**  
**located at khasra no: 14/12/2, 12/3, 13/1/1 Village Kunjal Jatan,**  
**Tehsil Radaur, District Yamuna Nagar, Haryana**

**COMPLIANCE REPORT**

ii.	The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	<b>Complied:</b> The PP has been carried out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
iii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after the completion of the project	<b>Complied:</b>
iv.	Occupational health surveillance of the worker shall be done on a regular basis and records maintained as per the Factories Act.	<b>Complied:</b>

**VIII. CORPORATE ENVIRONMENT RESPONSIBILITY**

S.NO.	CONDITIONS	COMPLIANCE
i.	The project proponent shall comply with the provisions regarding Corporate Environment Responsibility.	<b>Noted:</b> The project proponent will comply with the provisions regarding Corporate Environment Responsibility.
ii.	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/deviation/violation of the environmental/forest/wildlife norms/conditions and /or shareholders/ stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six monthly report.	<b>Noted:</b>

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit  
located at khasra no: 14/12/2, 12/3, 13/1/1 Village Kunjal Jatan,  
Tehsil Radaur, District Yamuna Nagar, Haryana**

**COMPLIANCE REPORT**

iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization .	<b>Noted:</b> A separate Environmental Cell both at the project and company head quarter level, with qualified personnel will be set up under the control of senior Executive, who will directly to the head of the organization .
iv.	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 and 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.	<b>Noted:</b> Action plan for implementing EMP and Environmental conditions along with responsibility matrix of the company will be prepared and will be duly approved by the competent authority.
v.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	<b>Noted:</b> Self-environmental audit is being conducted annually.
vi.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Formaldehyde Plant shall be implemented.	<b>Noted:</b> All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Formaldehyde Plant is being implemented.

**IX. MISCELLANEOUS**

S.NO.	CONDITIONS	COMPLIANCE
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or state, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently	<b>Noted:</b> The project proponent has been make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or state, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit  
located at khasra no: 14/12/2, 12/3, 13/1/1 Village Kunjal Jatan,  
Tehsil Radaur, District Yamuna Nagar, Haryana**

**COMPLIANCE REPORT**

ii.	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.	<b>Noted:</b> The copies of the environmental clearance will 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.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	<b>To be Complied:</b> The project proponent is being uploaded the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
iv.	The project proponent shall monitor the criteria pollutants level namely: PM10, SO <sub>2</sub> , NO <sub>x</sub> (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	<b>To be Complied:</b> The project proponent is being monitor the criteria pollutants level namely: PM10, SO <sub>2</sub> , NO <sub>x</sub> (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.
v.	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 and climate change at environment clearance portal.	<b>To be Complied:</b> The project proponent is being submitted six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and climate change at environment clearance portal.
vi.	The project proponent shall submit the environmental 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.	<b>Noted:</b> The project proponent will submit the environmental 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.
vii.	The project proponent shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development	<b>Complied:</b> The project proponent has been informed the Regional office as well as the Ministry, 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.

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit  
located at khasra no: 14/12/2, 12/3, 13/1/1 Village Kunjal Jatan,  
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**COMPLIANCE REPORT**

	work and start of production operation by the project.	
viii.	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board and the State government.	<b>Noted:</b> The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board and the State government.
ix.	The project proponent shall abide by the all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	<b>Complied:</b> The project proponent has been abide by the all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
x.	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).	<b>Complied:</b> No further expansion or modifications in the plant has been carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
xi.	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.	<b>Complied:</b> 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.
Xii	The Ministry may revoke or suspend the clearance, if implementation any of the above conditions is not satisfactory	<b>Noted:</b> The Ministry may revoke or suspend the clearance, if implementation any of the above conditions is not satisfactory.
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions'	<b>Noted:</b> The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.
xiv.	The Regional Office of this Ministry shall monitor compliance of the stipulate conditions. The project authorities should extend full cooperation to the officer (s) of the Regional office by furnishing the requisitedata./information/monitoring reports.	<b>Noted:</b> The Regional Office of this Ministry shall monitor compliance of the stipulate conditions. The project authorities will extend full cooperation to the officer (s) of the Regional office by furnishing the requisite data./information/monitoring reports

**M/s R. S. Chemicals**

**Formaldehyde Manufacturing Unit  
located at khasra no: 14/12/2, 12/3, 13/1/1 Village Kunjal Jatan,  
Tehsil Radaur, District Yamuna Nagar, Haryana**

**COMPLIANCE REPORT**

xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Presentation & 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.	<b>Noted:</b> The above conditions shall be enforced, inter-alia under the provisions of the Water (Presentation & 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.
xvi.	The Project Proponent should intimate to the Authority as well as to the quarter concerned in case of any change in the present communication address.	<b>Noted:</b> The Project Proponent will intimate to the Authority as well as to the quarter concerned in case of any change in the present communication address.

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**M/s R. S. Chemicals**

**ANNEXURE I**  
**EC LETTER**

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HARYANA  
Bay No. 55-58, Prayatan Bhawan, Sector-2, PANCHKULA.

Tel: 0172-2565232, 4043956

E-mail: [seiaa-21.env@hry.gov.in](mailto:seiaa-21.env@hry.gov.in)

No. SEIAA(128)/HR/2021/691

Dated: 13/07/2021

To

M/s R. S. Chemicals  
H. No. 85, Sector-4,  
Rohtak-124001

**Subject:** EC for "Formaldehyde Manufacturing Unit" located at Village Kunjal Jatan, Tehsil Radaur, District Yamuna Nagar, Haryana.

[1] This letter is in reference to your application dated 09.03.2021 addressed to Member Secretary, SEIAA, Haryana received on 19.03.2021 and subsequent letter dated 27.03.2021 seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Form-1A, Conceptual plan and EIA Report and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MoEF & CC, GoI vide their Notification dated 30.01.2019, in its meetings held on 25/26/27/03/2021 to grant Environment Clearance to the project.

[2] It is inter-alia, noted that the project involves the EC for "Formaldehyde Manufacturing Unit" located at Village Kunjal Jatan, Tehsil Radaur, District Yamuna Nagar, Haryana. The details of the project as given below:

Sr. No.	Particulars	Details		
		Particulates	Latitude	Longitude
	Online Proposal Number	SIA/HR/IND2/61701/2020		
1.	Latitude & Longitude			
		A	30° 5'55.94"N	77°10'48.91"E
		B	30° 5'55.90"N	77°10'51.19"E
		C	30° 5'54.19"N	77°10'51.16"E
		D	30° 5'54.02"N	77°10'48.86"E
		E	30° 5'55.89"N	77°10'49.99"E
2.	Plot Area	0.966 Acres or 3909.27 sqm		
3.	Proposed Ground Coverage	457.01 sqm		
4.	Total Built Up area	457.01 sqm		
5.	Total Green Area with %	1368.24 sqm (35% of total plot area)		
6.	Power Requirement	50 KW		
7.	Power Backup	01 no. of DG -125 KVA capacity & 01 no. of Transformer-50 KW capacity		
8.	Total Water Requirement	23 KLD		
9.	Domestic Water Requirement	1.5 KLD		
10.	Fresh Water Requirement	23 KLD		
11.	Treated Water	Nil		

12.	Waste Water Generated		0.5 KLD from process & 1.29 KLD from Domestic + Flushing will be treated in soak pits.
13.	Total Cost of the project:	Land Cost	4 Cr. (Total Project Cost)
		Construction Cost	
14.	EMP Budget	Capital Cost (In Lakhs)	49.11
		Recurring Cost (In Lakhs)/Year	3.80
15.	Incremental Load in respect of:	i) PM 2.5	29.2 µg/m <sup>3</sup>
		ii) PM 10	55.9 µg/m <sup>3</sup>
		SO <sub>2</sub>	9.4 µg/m <sup>3</sup>
		iv) NO <sub>2</sub>	18.6 µg/m <sup>3</sup>
		v) CO	121.3 µg/m <sup>3</sup>
16.	Construction Phase:	Power Back-up	-
		Water Requirement & Source	1.5 KLD, from bore well after taking permission from CGWA
		STP (Modular)	Soak Pits

S. No.	Tank Size	Capacity	Product	Class
1.	3.0* 10.50	70	Methanol	A
2.	3.0* 10.50	70	Methanol	A
3.	3.0* 10.50	70	Methanol	A
4.	3.0* 10.50	70	Methanol	A

**Table 2 : Budget Allocated for EMP**

S.No.	Environmental Attributes	Component	Capital Cost (In Lakhs)	Recurring Cost (In Lakhs)/Year
1	Air	Stack with Online Monitoring System	7.0	1.4
		APCD scrubber	5.0	0.5
		Multi cyclone dust Separator (Boiler)	6.0	0.6
		Solvent Recovery System	4.3	0.43
		Development of paved road outside the premises of proposed site	3.0	0.3
2	Noise & Ecology	Green Belt Development	1.44	0.16
3	Rainwater Harvesting	Rain Water Tank	5.0	0.25
4	Effluent Treatment Plant	Effluent Treatment Plant	8.0	0.16
5	Surface Water	Restoration of pond/Johad in village Kunjal Jattan	2.0	-
6	Socioeconomic	Installation of RWH pit in a Govt. high school, village Kunjal Jattan, Haryana	4.0	-
		Development of smart class in a Govt. high school, village Kunjal Jattan, Haryana	1.5	-
		Installation of 6 solar lights in Govt. high school, village Kunjal Jattan & nearby areas of project site (@ Rs.14,500 per light)	0.87	-
		Public liability insurance in case of death or injury to any person (other than a workman) or damage to	1.0	-

		any property resulted from an accident due to the hazardous substance used in the proposed project as per the Schedule, section 3(1) of The Public Liability Insurance Act, 1991		
<b>Total</b>	<b>49.11</b>	<b>3.8</b>		

[3] The State Expert Appraisal Committee, Haryana after due consideration of the relevant documents submitted by the project proponent and additional clarification furnished in response to its observations, have recommended the grant of environmental clearance for the project mentioned above, subject to compliance with the stipulated conditions. Accordingly, the State Environment Impact Assessment Authority in its **128<sup>th</sup> meeting held on 26.05.2021** decided to agree with the recommendations of SEAC to accord necessary environmental clearance for the project under **Category 5(f)** of EIA Notification 2006 subject to the **strict compliance with the following stipulations depicted below:-**

**Specific Conditions:-**

1. The PP shall get the mandatory registration of boiler as per the Boiler Act 1923 and rules 1950 from the Chief Boiler Inspector.
2. The PP shall ensure effective functioning of safety, drain valve, monitoring instruments of critical parameter through regular checks and maintain the record for it.
3. The PP shall ensure the compliance of safety provisions for the transportation of methanol and formaldehyde from the source of procurement and to the sale point
4. The PP shall display the emergency information panel at front and back or both sides of the vehicle while transportation as per the Central motor vehicle rules 1989.
5. The PP shall ensure all the safety measures for the workers at the project site and also ensure that methanol and formaldehyde shall not be misused/consumed by the workers as these chemicals are highly dangerous and could lead to blindness or even death.
6. The PP shall ensure that the underground tanks constructed for the purpose of storage of methanol shall comply with the existing provisions of the safety measures and shall be safely transmitted through full proof method of safety into the reactors.
7. The PP shall ensure that no leakage shall take place from the underground tanks as the leakage destroys the underground water
8. The PP shall obtain authorization for boilers and their renewal from time to time from competent Authority.
9. The PP should install sensors to measure the methanol vapors in the project area and also ensure the installation of online monitoring system for fugitive emission i.e. CH<sub>3</sub>OH, VOC, CO, CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub> etc and connect to server of CPCB/HSPCB. Continuous online (24X7) monitoring system for stack emissions shall be installed for Measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For 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.
10. The PP agrees that they will shift to the gas based generator set as and when the gas is available and HSD will be used presently in the DG set and appropriate APCM will be used in the generator sets.
11. The PP shall take the floor wash, chemicals spill etc. of the project to the ETP and shall be properly treated before being used and also ensure that these spills shall not be mixed with rain water. Effluent shall be treated in the ETP and should adhere to the HSPCB/CPCB Guidelines.

12. The PP shall ensure the zero liquid discharge shall be undertaken and the effluent of ETP shall be used inside the factory, no waste/treated water shall be discharged outside the premises.
13. Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
14. Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
15. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be maintained through stack of adequate height as per CPCB/SPCB guidelines.
16. Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
17. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
18. 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 the TSDF.
19. 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.
20. Separate wet and dry bins must be provided at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
21. No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 1368.24 sqm (35% of total plot area) shall be provided for green area development.
22. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
23. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipment's etc. as per National Building Code including protection measures from lightening etc.
24. The company shall undertake waste minimization measures as below:-
  - (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 vapour recovery system.
  - (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
25. For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
26. The unit shall make the arrangement for protection of possible fire hazards during

manufacturing process in material handling. Fire fighting system shall be as per the norms.

27. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
28. 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 outside on public places.
30. Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
32. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
33. PP will achieve Zero liquid Discharge (ZLD). A water balance is enclosed.
34. The Proposed capacity of 1 no. of DG set is 125 K V A & 1 No. of boiler is 10 kg/Hr (steam) with HSD as fuel, follow the related Guidelines of graded Response Action Plan (GRAP), National Clean Air Programmed (NCAP) & strictures/injunctions passed by Hon'ble EPCA/NGT in regard of operation and nature of fuel for DG sets. The same stands for the running of DG sets during construction phase.

#### A. Statutory Compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for wildlife, if applicable.
- iii. The Project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendation 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-1 species in the study area).
- iv. The project proponent shall obtain Consent to establish/operate under the provision of air (Prevention & Control pollution) Act, 1981 and the water (Prevention & control of pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- v. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vi. 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.

#### I Air quality monitoring and preservation:

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. 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.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.

13/7/24

- iv. To control source and the 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 stack of adequate height as per CPCB/SPCB guidelines.
- v. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emission Standard for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608 (E) dated 21st July, 2010 and amended form time to time shall be followed.
- vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R No. 826 (E) dated 16th November,2009 shall be complied with

### **PII. Water quality monitoring and preservation:**

- i. 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 (applicable in case of the projects achieving ZLD).
- ii. As already committed by the project proponent. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
- iii. The effluent discharge shall conform 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.
- iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- v. Process effluent/any wastewater 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.
- vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- vii. 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 regulations and the guidelines in this regard.

### **III . Noise monitoring and prevention:**

- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant areas shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- iii. The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986, viz. 75dB (A) during day time and 70 dB (A) during night time.

### **IV . Energy Conservation measures**

- i. The energy sources for lighting purposes shall preferably be LED based
- ii. The PP will follow guidelines of ECBC required for industrial projects

### **V . Waste management**

- i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- ii. 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 the TSDF.
- iii. The company shall undertake waste minimization measures as below:-

- 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 the other process.
- c) Use of automated filling to minimize spillage.
- d) Use of Close Feed system into batch reactors.
- e) Venting equipment through vapors recovery system.
- f) Use of high pressure houses for equipment clearing to reduce wastewater generation.

**VI. Green Belt:**

- i. The green belt of 5-10 m width shall be developed in more than 33% of the 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.

**VII. Safety, Public hearing and Human health issues:**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour 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 structure to be removed after the completion of the project.
- iv. Occupational health surveillance of the worker shall be done on a regular basis and records maintained as per the Factories Act.

**VIII. Corporate Environment Responsibility:**

- i. The project proponent shall comply with the provisions regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved 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/deviation/violation of the environmental/forest/wildlife norms/conditions and /or shareholders/stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization .
- iv. 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 and 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.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Formaldehyde Plant shall be implemented.

13/7/21

## IX. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. 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.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely: PM10, SO<sub>2</sub>, NO<sub>x</sub> (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.
- v. 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 and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental 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.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State government.
- ix. The project proponent shall abide by the all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- x. 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).
- xi. 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.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.
- xiv. The Regional Office of this Ministry shall monitor compliance of the stipulate conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Presentation & 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.

- xvi. The Project Proponent should intimate to the Authority as well as to the quarter concerned in case of any change in the present communication address.

  
 13/7/21  
 Member Secretary,  
 o/c State Level Environment Impact  
 Assessment Authority, Haryana, Panchkula. ✓

Endst. No. SEIAA (128)/HR/2021/692-698 Dated: 13/07/2021

A copy of the above is forwarded to the following:

1. ✓ Director (IA Division), MoEF & CC, GoI, Indra Paryavaran Bhavan, Zor bagh Road- New Delhi-110003.
2. ✓ Chairman, State Environment Impact Assessment Authority Haryana Bay's No. 55-58, Prayatan Bhawan, sector-2, Panchkula
3. ✓ Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula.
4. ✓ Director General, Environment & Climate Change Department, Haryana, SCO 1-3, Sector-17 D, Chandigarh-160017
5. ✓ Director General, Town & Country Planning Haryana, Plot No. 3, Sector - 18A, Madhya Marg, Chandigarh- 160018.
6. ✓ Regional Office, Ministry of Environment, Forests & Climate Change, Govt. of India, Bay's no. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160018.
7. ✓ Concerned File/ Office Copy

  
 13/7/21  
 Member Secretary,  
 o/c State Level Environment Impact  
 Assessment Authority, Haryana, Panchkula ✓

**ANNEXURE II**  
**TEST REPORTS**

### TEST REPORT

TEST REPORT NO.:	OEL/0524/A-0024	DATE OF REPORT:	28.05.2024
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### AIR MONITORING AND ANALYSIS REPORT

<b>Name And Address of Customer</b>	: M/S R.S. CHEMICALS KHASRA NO. 14/12/12, 121/3, 13/1/1 VILLAGE KUNJAL JATAN, TEHSIL RADAUR DISTRICT YAMUNA NAGAR,HARYANA		
<b>Date of Monitoring</b>	: 20.05.2024		
<b>Duration of Monitoring</b>	: 20.05.2024	To	21.05.2024
<b>Time of Monitoring</b>	: 6.12 AM	To	6.12 AM (CO for 1.0 Hrs.)
<b>Sample ID No</b>	: OEL/A-0024		
<b>Sampling Done By</b>	: LAB STAFF		
<b>Sampling Location</b>	: PROJECT SITE		
<b>Sampling Method</b>	: AS PER IS		
<b>Sampling Machine Placed At Height</b>	: 1.5 METER FROM GROUND LEVEL		
<b>Analysis Start Date</b>	: 22.05.2024		
<b>Analysis End Date</b>	: 26.05.2024		
<b>Weather Condition</b>	: CLEAR	Ambient Temperature: 39.0 °C	
<b>Equipment Used</b>	Respirable Dust Sampler (PM 10) + Fine Particulate Matter (PM 2.5)		

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	127.92	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	57.76	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	7.7	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	12.71	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.83	For 1 Hrs.=4	IS 5182 (Part-10)

\*\*\*\*\*End of Test Report\*\*\*\*\*



For OCEAO-ENVIRO RESEARCH & ANALYTICAL LABORATORIES (INDIA) PVT. LTD

*Himanshu Goel*  
**Himanshu Goel**  
**AUTHORIZED SIGNATORY** Director

**Note:**

1. The results indicated only refer to the tested samples and listed applicable parameters.
2. No Complaint will be entertained if received after 7 days of issue of test Report.
3. Our liability is limited to invoice value only.
4. The same sample shall be destroyed after 15 days & Biological/ Perishable sample shall be destroyed after issue of test report
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TEST REPORT					
TEST REPORT NO.:	OEL/0524/N-0024			DATE OF REPORT:	28.05.2024
NOISE MONITORING REPORT					
<b>Name And Address of Customer</b>		: M/S R.S. CHEMICALS KHASRA NO. 14/12/12, 121/3, 13/1/1 VILLAGE KUNJAL JATAN, TEHSIL RADAUR DISTRICT YAMUNA NAGAR, HARYANA			
<b>Date of Monitoring</b>		: 20.05.2024			
<b>Monitoring Start Date</b>		: 20.05.2024			
<b>Monitoring End Date</b>		: 21.05.2024			
<b>Duration of Monitoring</b>		: 24 HOURS			
<b>Sample ID No</b>		: OEL/N-0024			
<b>Monitoring Done By</b>		: LAB STAFF			
<b>Sampling Location</b>		: PROJECT SITE			
<b>Sampling Method</b>		: AS PER IS			
<b>Category of Area</b>		: RESIDENTIAL AREA			
<b>Weather Condition</b>		: CLEAR Ambient Temperature: 30.0 °C			
S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	46	55	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	38	45	IS: 9989
<b>Remark:</b> Day time is reckoned in between 06.00 A.M. and 10.00 P.M. Night time is reckoned in between 10.00 P.M. and 06.00 A.M.					
*****End of Test Report*****					

  
 CHECKED BY

For OCEAO-ENVIRO Research & Analytical Laboratories (India) Pvt. Ltd.

  
 Himanshu Goel  
 Director  
**AUTHORIZED SIGNATORY**

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### TEST REPORT

TEST REPORT NO.:	OEL/0524/S-0024	DATE OF REPORT:	28.05.2024
<b>SOIL SAMPLE ANALYSIS REPORT</b>			
<b>Name And Address of Customer</b>	: M/S R.S. CHEMICALS KHASRA NO. 14/12/12, 121/3, 13/1/1 VILLAGE KUNJAL JATAN, TEHSIL RADAUR DISTRICT YAMUNA NAGAR,HARYANA		
<b>Date of Sampling</b>	: 20.05.2024		
<b>Analysis Start Date</b>	: 22.05.2024		
<b>Analysis End Date</b>	: 26.05.2024		
<b>Sample ID No</b>	: OEL/S-0024		
<b>Sampling Done By</b>	: LAB STAFF		
<b>Sampling Description</b>	: SOIL		
<b>Sampling Location</b>	: NEAR PROJECT SITE		
<b>Sampling Method</b>	: AS PER IS		
<b>Sample Quantity</b>	: 2.0 Kg.		
<b>Packing Condition</b>	: SEALED		
<b>Packed In</b>	: ZIPPED POLY BAG		
<b>Weather Condition</b>	: CLEAR	Ambient Temperature: 39.0 °C	

S. No.	Test Parameter	Unit	Result	Test Method
1	pH	...	7.41	IS 2720 (Part-26)
2	Electrical Conductivity (EC)	µs/cm	242	IS 14767
3	Organic Matter (OM)	%	1.52	IS 2720 (Part-22)
4	Cation Exchange Capacity (CEC)	meq/100g	26	IS 2720 (Part-24)
5	Sodium (Na)	mg/kg	143	APHA-3125B
6	Potassium (K)	mg/kg	52	APHA-3125B
7	Calcium (Ca)	mg/kg	925	APHA-3125B
8	Magnesium,(Mg)	mg/kg	281	IS 2720-24 (1976)

\*\*\*\*\*End of Test Report\*\*\*\*\*



For Oceao-Enviro Research & Analytical Laboratories (India) Pvt. Ltd.

  
 Himanshu Goel  
 AUTHORIZED SIGNATORY Director

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## TEST REPORT

TEST REPORT NO.:	OEL/0524/SW-0019	DATE OF REPORT:	28.05.2024
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### WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer	:	M/S R.S. CHEMICALS KHASRA NO. 14/12/12, 121/3, 13/1/1 VILLAGE KUNJAL JATAN, TEHSIL RADAUR DISTRICT YAMUNA NAGAR, HARYANA
Date of Sampling	:	20.05.2024
Analysis Start Date	:	22.05.2024
Analysis End Date	:	26.05.2024
Sample ID No	:	OEL/SW-0019
Sampling Done By	:	LAB STAFF
Sampling Description	:	GROUND WATER
Sampling Location	:	NEAR PROJECT SITE
Sampling Method	:	AS PER IS
Sample Quantity	:	2.0 <sup>+</sup> 0.5 Ltr
Packing Condition	:	SEALED
Packed In	:	P.V.C AND GLASS BOTTLE
Weather Condition	:	CLEAR
		Ambient Temperature: 40.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Desirable	Permissible	

#### Chemical and Physical Parameters:-

1	pH	...	7.4	6.5 - 8.5	No Relaxation	APHA 4500-H+
2	Turbidity	NTU	<1.2	1	5	APHA 2130-B
3	Total Dissolved Solids (TDS)	mg/L	548	500	2000	APHA 2540-C
4	Chlorine (Residual)	mg/L	<0.12	0.2	1	APHA 4500:(Cl)-B
5	Fluoride (F)	mg/L	0.3	1	1.5	APHA 4500:(F-) -D
6	Total Alkalinity (CaCO <sub>3</sub> )	mg/L	138	200	600	APHA 2320-B
7	Total Hardness (CaCO <sub>3</sub> )	mg/L	265	200	600	APHA 2340-C
8	Calcium (Ca)	mg/L	41	75	200	APHA 3500:(Ca)-B
9	Chloride (Cl)	mg/L	44	250	1000	APHA 4500:(Cl-) -B
10	Nitrate (NO <sub>3</sub> )	mg/L	1.6	45	No Relaxation	APHA 4500:(NO <sub>3</sub> -)-B
11	Sulphate (SO <sub>4</sub> )	mg/L	34.9	200	400	APHA 4500:(SO <sub>4</sub> )-E
12	Conductivity	µs/cm	801	Not Specified	Not Specified	APHA 2510-B
13	Chromium (Cr+6)	mg/L	<0.06	Not Specified	Not Specified	APHA 3500:(Cr)-B
14	Iron (Fe)	mg/L	0.31	1	No Relaxation	APIIA-3120B



For OCEAO-ENVIRO RESEARCH & ANALYTICAL LABORATORIES (INDIA) PVT. LTD. \*\*\*\*\*End of Test Report\*\*\*\*\*

AUTHORIZED SIGNATORY *Shu Goel*  
Director

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**OCEAO-ENVIRO RESEARCH & ANALYTICAL  
LABORATORIES (INDIA) PVT. LTD  
(ISO CERTIFIED LAB)**



Plot No. 218, Second Floor, Sector-11, Vasundhara, Ghaziabad U.P. 201012  
Email: [info@oceaoenviro.com](mailto:info@oceaoenviro.com) | website: [www.oceaoenviro.com](http://www.oceaoenviro.com) | Ph: 0120-4338047

ISO 45001

<b>TEST REPORT</b>					
TEST REPORT NO.:	OEL/0524/DGN-0030			DATE OF REPORT:	28.05.2024
<b>DG SET NOISE MONITORING REPORT</b>					
<b>Name And Address of Customer</b>	:	M/S R.S. CHEMICALS KHASRA NO. 14/12/12, 121/3, 13/1/1 VILLAGE KUNJAL JATAN, TEHSIL RADAUR DISTRICT YAMUNA NAGAR, HARYANA			
<b>Date of Monitoring</b>	:	20.05.2024			
<b>Duration of Monitoring</b>	:	0.0 MIN	To	16.0 MIN	AT 1 MINUTES INTERVAL EACH POINT
<b>Sample ID No</b>	:	OEL/DGN-0030			
<b>Monitoring Done By</b>	:	LAB STAFF			
<b>Sampling Method</b>	:	AS PER IS			
<b>Monitoring Location</b>	:	1.0 METER AWAY FROM ACOUSTIC ENCLOSURE- DG.SET 125 KVA			

No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
<b>1</b>	DG Noise Level	dB (A)	70	75	IS: 9876

**Remark:** All doors of acoustic enclosure closed and DG set running at the time of monitoring.

\*\*\*\*\*End of Test Report\*\*\*\*\*



For Oceao-Enviro Research & Analytical Laboratories (India) Pvt. Ltd

*Himanshu Goel*  
**AUTHORIZED SIGNATORY** Director

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## TEST REPORT

TEST REPORT NO.:	OEL/0524/ST-0030	DATE OF REPORT:	28.05.2024
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### STACK EMISSION MONITORING AND ANALYSIS REPORT

<b>Name And Address of Customer</b>	: M/S R.S. CHEMICALS KHASRA NO. 14/12/12, 121/3, 13/1/1 VILLAGE KUNJAL JATAN, TEHSIL RADAUR DISTRICT YAMUNA NAGAR,HARYANA		
<b>Date of Sampling</b>	: 20.05.2024		
<b>Duration of Sampling</b>	: 0.0 MIN	To	60.0 MIN
<b>Sample ID No</b>	: OEL/ST-0030		
<b>Sampling Done By</b>	: LAB STAFF		
<b>Sampling Method</b>	: AS PER IS		
<b>Stack Attached To</b>	: DG SET		
<b>Capacity Of Stack</b>	: 125.0 KVA		
<b>Type Of Fuel Used</b>	: H.S.D		
<b>Quantity of fuel used</b>	: 25 LPH		
<b>Stack Height Above Ground</b>	: 30 MTR		
<b>Stack Dia At The Top</b>	: 300 mm		
<b>Material Of Construction</b>	: M.S		
<b>Attached APCS</b>	: Acoustic Enclosure		
<b>D.G. Set Comm. Date</b>	: AFTER 01/04/2014 (> 800 KW )		
<b>Normal Operating Schedule</b>	: As per Requirement		
<b>Ambient Temperature</b>	: 25 °C		
<b>Flue Gas Temperature</b>	: 192 °C		
<b>Velocity of Flue Gases</b>	: 24.5 MTR/SEC		

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters (PM at 15% O <sub>2</sub> )	mg/Nm <sup>3</sup>	25	50	IS-11255 (Part-1)
2	Carbon Monoxide (CO at 15% O <sub>2</sub> )	mg/Nm <sup>3</sup>	13	100	IS: 13270
3	Sulphur Dioxide,(SO <sub>2</sub> )	mg/Nm <sup>3</sup>	88.5	Not Specified	IS-11255 (Part-2)
4	Non Methane Hydro Carbon(NMHC at 15% O <sub>2</sub> )	mg/Nm <sup>3</sup>	35.2	100	AS PER IS
5	Oxides of Nitrogen(NO <sub>x</sub> asNO <sub>2</sub> at 15% O <sub>2</sub> )	mg/Nm <sup>3</sup>	175	650	IS-11255 (Part-7)



For OCEAO-ENVIRO RESEARCH & ANALYTICAL LABORATORIES (INDIA) PVT. LTD.  
End of Test Report

**AUTHORIZED SIGNATORY**

H. Manshu Goel  
Director

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**ANNEXURE III**  
**FIRE NOC**

**From** Fire Station Officer  
Fire Station Yamuna Nagar

**To** M/s R S Chemicals,  
Village Kunjal Jattan Distt Yamuna Nagar  
Memo No. FS/2022/5 dated : 09/04/2022

**Subject : No Objection Certificate Under 15 mtrs. from the fire safety point of view for Group G-Industrial Building at Village Kunjal Jattan Distt Yamuna Nagar of R S Chemicals :**

Reference your Transaction Id 191102223000023 dated: 12/03/2022 on the subject cited above.

Your case for the approval of fire fighting scheme has been examined by the team of Fire Station Officers, Yamunanagar Fire Station, Yamunanagar. The means of escape and Fire Protection system were checked and found as per the National Building Code of India, Part- IV guidelines. Therefore your proposed fire fighting scheme is hereby approved as per following detail from the fire safety point of view with the following conditions:-

<b>Tower Name</b>	<b>Floor Detail</b>	<b>Terrace Height of Last Livable Floor(In Meters)</b>	<b>Ground Coverage</b>
Block-A	GROUND FLOOR	10.69	460.71
<b>Tower Name</b>	<b>Basement Level</b>	<b>Basement Area</b>	<b>Basement Remarks</b>
	na	na	na

Your site for the Renewal of the Fire NOC has been inspected by the Team of Fire Station Officers, Fire Station Yamuna Nagar from fire safety Point of View. The means of escape and Fire Protection system were checked and found as per the National Building Code of India, Part- IV guidelines.

In view of the satisfactory fire protection system / arrangement mentioned as above, this office has no objection for occupation from the Fire Safety point of view, with the following conditions:-

- 1) The owner/occupier shall keep duly trained Fire Staff in all three shifts.
- 2) The Fire Protection System tested during inspection shall be maintained properly & always should be in good working condition.
- 3) If any lapse is found in the fire protection system at the time of inspection or detected during outbreak of fire, action will be taken as per rules against you.
- 4) You are directed to apply for Renewal of NOC in future before 2 month of expiry of your NOC.
- 5) The open set back area is not checked at our end as it shall be checked by concerned building department.
- 6) The owner/occupier shall strictly follow the other applicable rules/ regulations/ byelaws laid down regarding fire safety system. If you fail to comply with any of the above terms & conditions you will be liable to be punished as per fire ordinance 2009 specially chapter- III Section 31 Sub-Section 1 & 2 of Fire Act 2009.
- 7) You have to perform quarterly Fire Drill in your building as per NBC with intimation to Fire Department and video graphy evidence to be kept as a record which shall be produced at the time of next Renewal; Officials/Residents/R.W.A. should be mentioned in the drill.
- 8) If the Infringements of Byelaws remains un- noticed the Authority reserves the right to amend the NOC as and when any such Infringements comes to notice after giving an opportunity of being heard and the Authority shall stand Indemnified against any claim on this account.

The above Renewal of NOC is valid for **One** year from the date of issue of this letter Applying renewal of the same well in time shall be the responsibility of owner/occupier.

**Remarks:- Approval by Commissioner**



FSO Yamuna Nagar  
Fire Station Yamuna Nagar  
Exercising the power of Director, Fire Services, Haryana



Digitally signed by PARMOD  
KUMAR DUGGAL  
Date: 2022.04.09 10:39:33 +05:30  
Reason: Digital Verification

**ANNEXURE IV**  
**PESO CERTIFICATE**



भारत सरकार  
Government of India  
वाणिज्य और उद्योग मंत्रालय  
Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)  
Petroleum & Explosives Safety Organisation (PESO)  
हॉल संख्या 502 एवं 507, सेक्टर-5, ब्लॉक II, पुराना सी.जी.ओ. कॉम्प्लेक्स, एन.एच.4  
फरीदाबाद - 121001  
Hall No. 502 & 507, Level 5, Block B, Old CGO Complex, NH-4,  
Faridabad - 121001

E-mail : jtccefaridabad@explosives.gov.in  
Phone/Fax No : 0129 - 2410734, 2410732

संख्या /No. : P/NC/HN/15/1958 (P441379)

दिनांक /Dated : 22/10/2020

सेवा में /To,

M/s. R.S., CHEMICALS,  
H.NO.85, SECTOR-4, ROHTAK,  
ROHTAK,  
Taluka: Rohtak,  
District: ROHTAK,  
State: Haryana  
PIN: 124001

विषय /Sub Khasra No. 14/112, V.KUNJAL JATAN, Village KUNJAL JATAN, Taluka: RADAPUR, District: YAMUNANAGAR, State: Haryana, PIN: 135001 में पेट्रोलियम वर्ग A का अधिष्ठापन  
-अनुज्ञप्ति जारी करने के बारे में।  
Petroleum Class A Installation at Khasra No. 14/112, V.KUNJAL JATAN, Village KUNJAL JATAN, Taluka: RADAPUR, District: YAMUNANAGAR, State: Haryana, PIN: 135001 Grant of License regarding.

महोदय  
/Sir(s),

कृपया आपके पत्र क्रमांक OIN621991 दिनांक 08/10/2020 का अवलोकन करें।  
Please refer to your letter No. OIN621991 dated 08/10/2020

विषयान्तर्गत अधिष्ठापन में निम्नलिखित पेट्रोलियम पदार्थों के वर्ग तथा मात्रा के संभारण के लिए पेट्रोलियम नियम, 2002 के अधीन प्ररूप - XV में स्वीकृत, दिनांक 31/12/2024 तक वैध अनुज्ञप्ति संख्या P/NC/HN/15/1958 (P441379) दिनांक 22/10/2020 भेजी जा रही है।

Licence No. P/NC/HN/15/1958 (P441379) dated 22/10/2020 granted in Form XV under the Petroleum Rules, 2002 and valid till 31/12/2024 for the storage of the following kinds and quantities of Petroleum at the subject installation is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुज्ञप्त क्षमता /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	280.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	280.00 KL

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें और अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्ति की तारीख से उससे पूर्व इस कार्यालय को प्रेषित करें।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for further renewal of the licence to this office, so as to reach on or before the date on which licence expires.

यह अनुमोदन/ अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

((आर.एन.मीना)  
(R.N.Meena))

संयुक्त मुख्य विस्फोटक निबंधक  
Jt. Chief Controller of Explosives  
फरीदाबाद/Faridabad

**ANNEXURE V**  
**PHOTOGRAPHS OF DG SETS**



 **GPS Map Camera**

Kunjal Jatan, Haryana, India  
35XJ+F49, Kunjal Jatan, Haryana 135002, India  
Lat 30.098712°  
Long 77.180608°  
22/11/23 12:55 PM GMT +05:30



**ANNEXURE VI**  
**CONSENT TO ESTABLISH**



 **GPS Map Camera**



**Kunjal Jatan, Haryana, India**  
**35XJ+F49, Kunjal Jatan, Haryana 135002, India**  
**Lat 30.098684°**  
**Long 77.180773°**  
**22/11/23 12:53 PM GMT +05:30**

**ANNEXURE VII**  
**CONSENT TO OPERATE**



# HARYANA STATE POLLUTION CONTROL BOARD

HSPCB SCO-131 Sector-17, HUDA Jagadhari Ph.01732-200137

Email:- hspcbroyr@gmail.com

Website: www.hrocmmms.nic.in E-Mail - hspcbho@gmail.com

Telephone No.: 0172-2577870-73



No. HSPCB/Consent/ : 313096621YAMCTE14190703

Dated:13/08/2021

To,

M/s : R S Chemicals  
R S Chemicals Village Kunjal Jattan, Tehsil Radaur, Distt. Yamunanagar, Haryana-  
135002.  
YAMUNANAGAR  
135002

## Sub. : Grant of consent to Establish to M/s R S Chemicals

Please refer to your application no. 14190703 received on dated 2021-07-19 in regional office Yamuna Nagar.

With reference to your above application for consent to establish, M/s R S Chemicals is here by granted consent as per following specification/Terms and conditions.

<b>Consent Under</b>	AIR/WATER
<b>Period of consent</b>	13/08/2021 - 12/08/2026
<b>Industry Type</b>	Organic Chemicals manufacturing
<b>Category</b>	RED
<b>Investment(In Lakh)</b>	400.0
<b>Total Land Area (Sq. meter)</b>	3909.0
<b>Total Builtup Area (Sq. meter)</b>	457.0
<b>Quantity of effluent</b>	
1. Trade	0.0 KL/Day
2. Domestic	0.5 KL/Day
<b>Number of outlets</b>	1.0
<b>Mode of discharge</b>	
1. Domestic	Septic tank
2. Trade	
<b>Permissible Domestic Effluent Parameters</b>	
1. NA	
<b>Permissible Trade Effluent Parameters</b>	
1. NA	mg/l
<b>Number of stacks</b>	1
<b>Height of stack</b>	

Scanned by CamScanner

1. Stack attached to Baby Boiler	16 m
<b>Permissible Emission parameters</b>	
1. NA	
<b>Capacity of boiler</b>	
1. Baby Boiler	Ton/hr
<b>Type of Furnace</b>	
1. NA	
<b>Type of Fuel</b>	
1. Electricity	Kilowatt/day

**Nirmal Kumar**  
Regional Officer, Yamuna Nagar

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Nirmal Kumar  
Date: 2021.08.13  
15:56:11 +05'30'

Haryana State Pollution Control Board.

### Terms and conditions

1. The industry has declared that the quantity of effluent shall be 0.5 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 0.5 KL/Day for Domestic and the same should not exceed .
2. The above 'Consent to Establish' is valid for 60 months from the date of its issue to be extended for another one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.
3. The officer/official of the Board shall have the right to access and inspection of the industry in connection with the various processes and the treatment facilities being provided simultaneously with the construction of building/machinery. The effluent should conform the effluent standards as applicable
4. That necessary arrangement shall be made by the industry for the control of Air Pollution before commissioning the plant. The emitted pollutants will meet the emission and other standards as laid/will be prescribed by the Board from time to time.
5. The applicant will obtain consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of the Air (Prevention & Control of Pollution) Act,1981 as amended to-date-even before starting trial production
6. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly.
7. No in-process or post-process objectionable emission or the effluent will be allowed, if the scheme furnished by the unit turns out to be defective in any actual experience
8. The Electricity Department will give only temporary connection and permanent connection to the unit will be given after verifying the consent granted by the Board, both under Water Act and Air Act.
9. Unit will raise the stack height of DG Set/Boiler as per Board's norms.
10. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.

Scanned by CamScanner

11. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, the necessary permission for siting such industry and process in an residential or institutional or commercial or agricultural area or controlled area under Town and Country Planning laws CLU or Municipal laws has to be obtained from the competent Authority in law permitting this deviation and be submitted in original with the request for consent to operate.
12. That there is no discharge directly or indirectly from the unit or the process into any interstate river or Yamuna River or River Ghaggar.
13. That the industry or the unit concerned is not sited within any prohibited distances according to the Environmental Laws and Rules, Notification, Orders and Policies of Central Pollution control Board and Haryana State Pollution Control Board.
14. That of the unit is discharging its sewage or trade effluent into the public sewer meant to receive trade effluent from industries etc. then the permission of the Competent Authority owing and operating such public sewer giving permission letter to his unit shall be submitted at time of consent to operate.
15. That if at any time, there is adverse report from any adjoining neighbor or any other aggrieved party or Municipal Committee or Zila Parishad or any other public body against the unit's pollution; the Consent to Establish so granted shall be revoked.
16. That all the financial dues required under the rules and policies of the Board have been deposited in full by the unit for this Consent to Establish.
17. In case of change of name from previous Consent to Establish granted, fresh Consent to Establish fee shall be levied.
18. Industry should adopt water conservation measures to ensure minimum consumption of water in their Process. Ground water based proposals of new industries should get clearance from Central Ground Water Authority for scientific development of previous resource.
19. That the unit will take all other clearances from concerned agencies, whenever required.
20. That the unit will not change its process without the prior permission of the Board.
21. That the Consent to Establish so granted will be invalid, if the unit falls in Aravali Area or non conforming area.
22. That the unit will comply with the Hazardous Waste Management Rules and will also make the non-leachate pit for storage of Hazardous waste and will undertake not to dispose off the same except for pit in their own premises or with the authorized disposal authority.
23. That the unit will submit an undertaking that it will comply with all the specific and general conditions as imposed in the above Consent to Establish within 30 days failing which Consent to Establish will be revoked.
24. That unit will obtain EIA from MoEF, if required at any stage.
25. In case of unit does not comply with the above conditions within the stipulated period, Consent to Establish will be revoked.
26. That unit will obtain consent to operate from the board before the start of product activity.

**Specific Conditions**

**Other Conditions :**

- 1 The CTE so granted considering unit has not been established and no past violation exist w.r.t. land where CTE is granted. If at any stage it is found unit was found established or operated without prior CTE or any other past violation observed w.r.t. land where CTE is granted or w.r.t. the unit, the CTE so granted will be revoked and unit will be self responsible for any financial or any other loss.
2. The CTE is granted under Water Act 1974/ Air Act 1981 and if any violation reported against the unit at any stage, the closure action as per provisions of section 33 A of Water Act 1974 or 31 A of Air Act 1981 or under other relevant sections will be taken against the unit apart from prosecution against the unit and its partners/ proprietor/ stake holders /responsible person and unit will also be liable to pay the Environmental Compensation for the damage caused to the Environment because the act of omission and commission by the unit.
3. Unit will comply with the various conditions of the Environment Clearances granted.

Nirmal  
Kumar  
Regional Officer, Yamuna Nagar

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Kumar  
Date: 2021.08.13 15:56:31  
+05'30'

Haryana State Pollution Control Board.



**ANNEXURE VIII**  
**FORESTS NOC**

**ANNEXURE IX**  
**PHOTOGRAPH OF RAINWATER HARVESTING**  
**PITS**



## HARYANA STATE POLLUTION CONTROL BOARD

SCO-131 Sector-17, HUDA Jagadhari Ph.01732-200137 Email:- hspcbroyr@gmail.com

E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 313096622YAMCTO19364474

Dated:07/02/2022

To.

M/s :R S Chemicals

R S Chemicals Village Kunjal Jattan, Tehsil Radaur, Distt. Yamunanagar, Haryana-135002.

Subject: Grant of consent to operate to M/s R S Chemicals.

Please refer to your application no. 19364474 received on dated 2022-01-06 in regional office Yamuna Nagar. With reference to your above application for consent to operate, M/s R S Chemicals is hereby granted consent as per following specification/Terms and conditions.

<b>Consent Under</b>	BOTH
<b>Period of consent</b>	07/02/2022 - 30/09/2026
<b>Industry Type</b>	Organic Chemicals manufacturing
<b>Category</b>	RED
<b>Investment(In Lakh)</b>	400.0
<b>Total Land Area(Sq. meter)</b>	0.0
<b>Total Builtup Area(Sq. meter)</b>	0.0
<b>Quantity of effluent</b>	
1. Trade	0.0 KL/Day
2. Domestic	1.29 KL/Day
<b>Number of outlets</b>	1.0
<b>Mode of discharge</b>	
1. Domestic	Septic Tank
2. Trade	
<b>Domestic Effluent Parameters</b>	
1. NA	
<b>Trade Effluent Parameters</b>	
1. NA	
<b>Number of stacks</b>	1
<b>Height of stack</b>	
1. Stack attached to Boiler 600 Kg/hr	30 mtr
<b>Emission parameters</b>	
1. SPM	1200 mg/m <sup>3</sup>
<b>Product Details</b>	

1. Formaldehyde	40 Metric Tonnes/day
<b>Capacity of boiler</b>	
1. Boiler 600 Kg/hr	600
<b>Type of Furnace</b>	
1. NA	
<b>Type of Fuel</b>	
1. HSD	20 KG/day
<b>Raw Material Details</b>	
Methanol	20 Metric Tonnes/Day
Fresh Water	23 Metric Tonnes/Day

**Nirmal  
Kumar**

*Regional Officer, Yamuna Nagar*

*Haryana State Pollution Control Board.*

Digitally signed by  
Nirmal Kumar  
Date: 2022.02.07  
17:37:18 +05'30'

### **Terms and conditions**

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any

account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.

11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

#### **Specific Conditions :**

- 1 Unit will apply 90 days before the Expiry of CTO.
- 2 Unit will not discharge any effluent outside its premise without prior approval of Board or Without Permission from MC/PHED or Concerned Dept.
- 3 Environmental compensation would be imposed as per policy of Board for Violation of CTO and Air/Water/EP Act conditions for environmental damage.
4. CTO so granted would be revoked without any prior Notice if Unit fails to comply with any of the conditions of CTO.
- 5 Unit will submit latest AR within 3 months from the start of operation.
- 6 The CTO is granted under Water Act 1974/ Air Act 1981 and if any violation reported against the unit at any stage, the closure action as per provisions of section 33 A of Water Act 1974 or 31 A of Air Act 1981 or under other relevant sections will be taken against the unit apart from prosecution against the unit and its partners/ proprietor/ stake holders /responsible person and unit will also be liable to pay the Environmental Compensation for the damage caused to the Environment because the act of omission and commission by the unit.

**Nirmal Kumar** Digitally signed by Nirmal Kumar  
Date: 2022.02.07 17:37:33 +05'30'

**Regional Officer, Yamuna Nagar**  
**Haryana State Pollution Control Board.**

## वन विभाग हरियाणा

कार्यालय : वन मण्डल अधिकारी, यमुनानगर वन मण्डल यमुनानगर,

दूरभाष न० 01732-237821

कमांक: 1930

दिनांक: 07-08-19

सेवा में

उपायुक्त महोदय  
यमुनानगर।

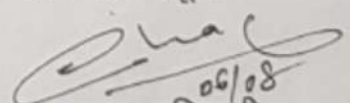
विषय:-

NOC for storage of Petroleum Class A in underground tanks (70KLX4) in our unit Name M/s R.S. Chemicals at Village Kunjal Jatan Tehsil Radaur, District Yamuna Nagar

सन्दर्भ:-

आपके कार्यालय का पत्र कमांक 1419-29 दिनांक 24.06.2019

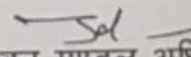
उपरोक्त विषय के सम्बन्ध में सन्दर्भांकित पत्र द्वारा मांगी गई रिपोर्ट बारे आपको सूचित किया जाता है कि वन राजिक अधिकारी जगाधरी द्वारा उक्त साईट का निरीक्षण किया गया। निरीक्षण के दौरान पाया गया कि यह फर्म हाफिज पुर - कुन्जल रोड पर स्थित है, यह सडक मार्किट कमेटी के अधीन पडती है तथा यहां पर सुरक्षित वन भूमि नहीं लगती है। इस केस में भारत सरकार पर्यावरण वन एवं जलवायू परिवर्तन मंत्रालय के वन संरक्षण अधिनियम 1980 के नियम लागू नहीं होते। इसलिये यदि M/s R.S. Chemicals उक्त पुस्तावित जगह पर स्थापित की जाती है तो इस वन मण्डल को कोई आपत्ति नहीं है। परन्तु यदि भविष्य में यह क्षेत्र नोटिफाईड किया जाता है तो वन संरक्षण अधिनियम 1980 के तहत यूजर एजेंसी को अनुमति लेनी होगी। यह आपको सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

  
06/08  
वन मण्डल अधिकारी  
यमुनानगर।

पृ०क०

दिनांक

एक प्रति वन राजिक अधिकारी जगाधरी को उनके कार्यालय के पत्र क० 410 दिनांक 17.07.2019 के संदर्भ में सूचनार्थ प्रेषित है।

  
वन मण्डल अधिकारी  
यमुनानगर।

९/८/१९