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CIN:
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2020PTC128325



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AARTI DISTILLERIES
PRIVATE LIMITED

Date: 01.12.2024

To,
The Director
Ministry of Environment, Forest & Climate Change
Kendriya Bhawan, 5th Floor, Sector "H" Aliganj
Lucknow (Uttar Pradesh)

Subject: Six Monthly Compliance Report of Environmental Clearance for Proposed Expansion of the Distillery Capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at Village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat (U.P.) by **M/s Aarti Distilleries Private Limited** for the period of April, 2024 to September, 2024.

EC Identification No.: EC24B022UP143035, dated 10th February, 2024 & File No.:8477

Reg: Submission of Six-Monthly Compliance Report for Period of April, 2024 to September, 2024.

Dear Sir,

This is in connection to above mentioned subject we are hereby submitting the six-monthly compliance report of the conditions of Environmental Clearance for Proposed Expansion of the Distillery Capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at Village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat (U.P.) by **M/s Aarti Distilleries Private Limited**, along with annexures as follows:

1. **Annexure-1:** Copy of Consent to Operate (Air & Water)
2. **Annexure-2:** Environmental Clearance
3. **Annexure-3:** Copy of Hazardous Waste Authorization
4. **Annexure-4:** Ground Water NOC from UPPGWD
5. **Annexure-5:** Environmental Monitoring reports
6. **Annexure-6:** Green Belt photographs
7. **Annexure-7:** Online Monitoring System Photographs
8. **Annexure-8:** Rain Water Harvesting Structure Photographs
9. **Annexure-9:** The copy of published information (in newspapers) regarding grant of Environmental Clearance

Thanking You,
Yours sincerely

Authorized Signatory



M/s Aarti Distilleries Private Limited
Village Chiraura, Tehsil Akbarpur, District Kanpur Dehat (UP)

COMPLIANCE REPORT

AS PER CONDITIONS STIPULATED
IN THE ENVIRONMENTAL CLEARANCE

EC Identification No.:

EC24B022UP143035, dated 10th February, 2024

**Six Monthly Compliance Report
(April, 2024 to September, 2024)**

FOR

**PROPOSED EXPANSION OF THE
DISTILLERY CAPACITY FROM 150 KLD
TO 180 KLD UNDER PARA 7(II)(A) (FOR
1ST PHASE – 20 %)**

AT

**Village: Chiraura, Tehsil: Akbarpur,
District: Kanpur Dehat (U.P.)**

SUBMITTED BY

**M/S AARTI DISTILLERIES PRIVATE
LIMITED**

**Registered Address First Floor,
7/22D, Tilak Nagar,
Kanpur, Uttar Pradesh - 208002**

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CHAPTER No. 01: INTRODUCTION AND PROJECT DESCRIPTION

Six monthly environmental compliance/status report is submitted for Environmental Clearance for Proposed an Expansion of the Distillery Capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat, **M/s Aarti Distilleries Private Limited**. for April, 2024 to September, 2024. The Project is located at Village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat (U.P.). Prior Environment Clearance was obtained from Ministry of Environment & Forests (MoEFCC) of EC Identification No.: **EC24B022UP143035, dated 10th February, 2024 & File No. 8477**. Consent to Operate for both (Air & Water) has already been obtained for the project

Vide	Ref	No.
212412/UPPCB/KanpurDehat(UPPCBRO)/CTO/both/KANPURDEHAT/2024, dated 16/08/2024 for validity upto 31/12/2028. Copy of CTO is attached as Annexure-1		

Environmental mitigation measures described in Environmental Management Plan is being implemented during construction phase and operation phase. **M/s Aarti Distilleries Private Limited**. Management team is fully conscious about Environmental Management and enhancing green belt development in project surrounding area.

Six monthly compliance/status reports for **April, 2024 to September, 2024** for conditions stipulated in the Environmental Clearance letter issued by MoEF is enclosed as **Annexure-2**. Photographs view of implemented mitigation measures are also attached for the ready reference as photo documentation.

CHAPTER No. 02: COMPLIANCE OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE

Name of the Project: Environmental Clearance for Proposed an Expansion of the distillery capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at Village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat (U.P.) by M/s Aarti Distilleries Private Limited.

EC Identification No.: EC24B022UP143035, dated 10th February, 2024 & File No. 8477.

Period of Compliance Report: (April, 2024 to September, 2024)

Additional/Specific Conditions:		
Sr. No.	Conditions	Reply
1.	The project proponent shall ensure ZLD.	Spent wash is being fed into the decanter then supernatant is being further concentrated in MEE and concentrate from MEE is being mixed with wet cake of decanter and converted to DDGS.
2.	The project proponent shall follow MoEFCC notification 35 (E) dated 14 January 2016 in letter and spirit.	This is Distillery unit, hence not applicable on us.
3.	The project proponent shall handle boiler ash properly.	Ash generated is being provided to brick manufacturer.
4.	Dedicated space for storage of boiler ash with proper fencing should be ensured.	Noted and is being complied
5.	Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.	Noted and will be complied
6.	Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).	Noted and is being complied
7.	In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.	In compliance with the Hon’ble Supreme Court’s order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ Petition no. 13029/1985 (MC Mehta Vs. GoI and others), anti-smog guns will be installed to control dust during excavation activities.
8.	The project proponent is directed to comply with the public hearing queries/questions and TOR conditions	The project proponent will comply with the public hearing

	in a time bound manner as per action plan submitted by the proponent and submit compliance report regularly as per EIA notification.	queries/questions and TOR conditions in a time-bound manner as per the action plan has been submitted.
9.	The project proponent shall comply with the CPCB charter/guidelines and time to time direction for the distillery unit.	Point is noted and will be complied as per the guidelines.

I. STATUTORY COMPLIANCE

Sr. No.	Statutory	Compliances
1.	45 days monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 60 days for a record	Monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna has been already submitted with EIA.
2.	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 purposes involved in the project.	Not Applicable, as there is no forest land involved in this project.
3.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable, there is no wild life sanctuary within 10 km radius.
4.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).	No schedule-I species is found in study area; hence this condition is not applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	The CTO (Consent to Operate) application has been Obtained from UPPCB vide letter no. Consent to operate for Air & Water Vide Ref No.212412/UPPCB/ KanpurDehat(UPPCBRO)/ CTO/ both/ KANPUR DEHAT/ 2024 dated 16/08/2024 Copy of CTO attached as Annexure-1 .
6.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Unit obtained the Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary

		Movement) Rules, 2016 off vid Ref. No: 18566/UPPCB/Kanpur Dehat(UPPCBRO)/HWM/KANPUR DEHAT/2022 Dated - 18/11/2022
7.	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	The point is noted.
II. AIR QUALITY MONITORING AND PRESERVATION:		
1.	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.	Unit already obtained 24 X 7 continuous emission monitoring system at stack to monitor stack emission. Emission is found CPCB Standard. Third party stack monitoring report is attached as Annexure – 5.
2.	The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.s 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 direct ions. (case to case basis small plants: Manual; Large plants: Continuous).	Condition noted and complied. Ambient Air quality Monitoring has been done at 04 locations; Monitoring reports are attached as Annexure- 5.
3.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Unit already obtained 24 X 7 continuous emission monitoring system at stack to monitor stack emission. Emission is found CPCB Standard. Third party stack monitoring report & ambient air quality monitoring report is attached as Annexure – 5.
4.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	ESP has been installed as Air pollution control device in stack. All the conveyer are covered.

5.	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.	Condition noted and complied. Ambient Air quality Monitoring has been done at 04 locations; Monitoring reports are attached as Annexure- 5. Air quality level in the area is found as per NAAQS – 2009 .
6.	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.	Point is noted and same has been complied.
7.	The D.G set shall be equipped with suitable pollution control device and adequate stack height so that the emissions are in conformity with the extant regulation and the guidelines in this regard.	Adequate Stack height is being provided for emission from DG set stack.
8.	Storage of raw materials, coal etc shall be either stored in soils or in covered areas to prevent dust pollution and other fugitive emissions.	Already complied.
III. WATER QUALITY MONITORING AND PRESERVATION		
1.	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 (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.	Unit is based on Zero Liquid Discharge and PTZ web camera installed as per CPCB guidelines. Copy of photographs attached as Annexure-7.
2.	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).	In no any case treated water is discharge outside the premises as unit is based on Zero Liquid Discharge. CPU, RO & MEE is installed to take care the proposed effluent load.
3.	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.	Unit is based on Zero Liquid Discharge strategy, no effluent is discharge outside premises.
4.	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.	NOC for ground water abstraction has been obtained from UPGWD. Copy of NOC attached as Annexure-4.
5.	Total fresh water requirement shall not exceed the	NOC for ground water abstraction

	proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA In this regard.	has been obtained from UPGWD. Copy of NOC attached as Annexure-4.
6.	Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.	Unit is based on Zero Liquid Discharge strategy, no effluent is discharge outside premises.
7.	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 operation within the plant.	Complied and rain water harvesting system has been constructed as per norms. Photographs of the same is attached as Annexure-8.
IV. NOISE MONITORING AND PREVENTION		
1.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Dg set and All noise generating equipment are provided with acoustic enclosure or installed in covered shed.
2.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	Condition noted. Ambient Noise Level Report is attached as Annexure-5
3.	The ambient noise levels should conform to the standards prescribed under E(P) A Rules,1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Point is noted and Monitoring reports are attached as Annexure- 5.
V. ENERGY CONSERVATION MEASURES		
1.	The energy sources for lighting purposes shall preferably be LED based.	Point is noted and complied.
VI. WASTE MANAGEMENT		
1.	Hazardous chemicals shall be stored in tank, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Hazardous chemicals is being stored in drums and provided to TSDF for further disposal.
2.	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.	Point is noted. Waste generated is being provided to authorized recyclers or vendor for further disposal.
3.	The company shall undertake waste minimization measures as below. i. Metering and control of quantities of active ingredients to minimize waste.	Will be complied.

	<ul style="list-style-type: none"> ii. Reuse of by products from the process as raw materials or as raw material substitutes in other processes. iii. Use of automated filling to minimize spillage. iv. Use of close feed system into batch reactors. v. Venting equipment through vapour recovery system. vi. Use of high-pressure hoses for equipment clearing to reduce wastewater generation 	
VII. GREEN BELT		
1.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	33 % of total plant area is develop as green belt. It will be maintained in future also. Plantation photographs attached as Annexure-6.
VIII. SAFETY, PUBLIC HEARING AND HUMAN HEALTH ISSUES		
1.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) has been done within premises.
2.	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Condition noted and complied.
3.	Training shall be imparted to all employees on safety and health aspects of chemicals handling Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	The employees/operators have been provided with adequate Personal Protection Equipment (PPE) as per the norms of factory Act.
4.	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 structures to be removed after the completion of the project.	Condition noted and complied.
5.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Noted and regular health surveillance of the worker shall be done on regular basis
6.	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.	For parking, adequate provision already made.
IX. CORPORATE ENVIRONMENT RESPONSIBILITY		
1.	The project proponent shall comply with the provision	Point is noted and will be complied

	contained in this Ministry OM vide F.No. 22-65/2017 – IA.III dated 01 st May 2018, as applicable, regarding Corporate Environment Responsibility.	as per the plan submitted with EIA EMP report.
2.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation / violation of the environment/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environment/forest/wildlife norms I conditions and / or shareholders/stake holder. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six – monthly report.	Point is noted and company's environmental policy is well documented and made available to all stakeholders.
3.	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.	Environmental Cell is already made.
4.	Action plan for implementing EMP and environment conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environment protection measures shall be kept in separate account and not to be diverted for any other purpose. Year's wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the six-monthly Compliance Report.	Point is noted complied.
5.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Point is noted and complied.
X. MISCELLANEOUS		
1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental condition 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.	Public notice has been published and Copy of Environmental Clearance is attached in Annexure-9 .
2.	The copies of the environmental clearance shall be submitted by the project proponent to the Heads of	Complied.

	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.	
3.	The project proponent shall upload the status of the compliance of the stipulated environment clearance condition, including results of monitored data and in conditions, including results of monitored data on their website and update the same on half-yearly basis.	Point is noted and Complied.
4.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (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.	Monitoring reports are attached as Annexure- 5.
5.	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 environmental clearance portal.	Point is noted and complied.
6.	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.	Environmental statement for each financial year in form-V is being submitted as per guidelines.
7.	The project proponent shall inform the Regional Office as well as the Ministry, the date of development work and start of production operation by the project.	Point is noted.
8.	The project authorities must strictly adhere to the stipulation made by the State Pollution Control Board and the State Government.	Point is noted and complied.
9.	The project proponent shall abide by all the commitment and recommendation made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Point is noted.
10.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF & CC).	Point is noted
11.	Concealing factual data or submission of false fabricated data may result in revocation of this environmental clearance and attract action under the	Point is noted.

	provision of Environment (Protection) Act, 1986.	
12.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Point is noted
13.	The Ministry reverse the right to stipulate additional conditions if found necessary.	Point is noted
14.	The company in a time bound manner shall implement these conditions.	Point is noted
15	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. the project authorities should extend full corporation to the officer (s) of the Regional office by furnishing the requisite data/ information/ monitoring reports.	Point is noted
16.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.	Point is noted.
17.	Any appeal against this EC shall lie with National Green Tribunal, if preferred, with a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Point is noted.

CHAPTER No. 03: DETAILS OF ENVIRONMENTAL MONITORING

3.1 AMBIENT AIR QUALITY MONITORING

3.1.1 Ambient air Quality Monitoring Stations

Ambient air quality monitoring has been carried out Near Construction Office & Adjacent to Swadishth Oil Mill to assess the ambient air quality. Three stations have been selected at 120° from the center. This will enable to have analytical understanding about air quality and the changes in the air environment in the study area with respect to the condition prevailing. The locations of the ambient air quality monitoring stations are given in **Table-3.1**.

Table-3.1:
Details of Ambient Air Quality Monitoring Stations

Sr. No	Location Code	Location Name/Description	Environmental Setting of Surrounding
1.	AAQ - 01	Near Construction Office	Industrial
2.	AAQ - 02	Adjacent to Swadishth Oil Mill	Industrial
3.	AAQ - 03	Near Village: Chiraura	Residential
4.	AAQ - 04	Near Village: Bisayakpur	Residential

AAQ - 01: Near Construction Office

The sampler was placed Near Construction Office and was free from any obstructions. Surroundings of the sampling site represent industrial environmental setting.

AAQ - 02: Adjacent to Swadishth Oil Mill

The sampler was placed Adjacent to Swadishth Oil Mill and was free from any obstructions. Surroundings of the sampling site represent industrial environmental setting.

AAQ - 03: Near Village- Chiraura

The sampler was placed Near Village Chiraura was free from any obstructions. Surroundings of the sampling site represent residential environmental setting.

AAQ - 04: Near Village- Bisayakpur

The sampler was placed Near Village Bisayakpur was free from any obstructions. Surroundings of the sampling site represent residential environmental setting.

3.1.2 Ambient Air Quality Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Respirable Suspended Particulate Matter (PM₁₀)
- Fine Particulate Matter (PM_{2.5})
- Sulphur Dioxide (SO₂)
- Oxides of Nitrogen (NO_x)

The duration of sampling of PM₁₀, PM_{2.5}, SO₂ and NO_x was 24 hourly continuous sampling per day duration monitoring. The monitoring was conducted for one day at the location. This is to allow a comparison with the National Ambient Air Quality Standards.

The air samples were analyzed as per standard methods specified by Central Pollution Control Board (CPCB) and IS: 5182. The techniques used for ambient air quality monitoring and minimum detectable levels are given in **Table-3.2**. Fine Particulate Sampler instruments have been used for monitoring Particulate Matter 2.5 (PM_{2.5} i.e. <2.5 microns), and Respirable Dust Sampler with gaseous sampling attachment was used for sampling Respirable fraction (<10 microns), gaseous pollutants like SO₂, and NO_x.

Table-3.2
Techniques used for Ambient Air Quality Monitoring

Sr. No	Parameter	Technique	Range of Testing
1.	Respirable Suspended Particulate Matter (PM ₁₀)	Respirable Dust Sampler, with cyclone separator, Gravimetric Method	5.0 - 1200
2.	Fine Particulate Matter (PM _{2.5})	Fine Particulate Sampler, Gravimetric Method	2.0 - 500
3.	Sulphur dioxide	Modified West and Gaeke	5.0 - 1050
4.	Oxides of Nitrogen	Jacob & Hochheiser	6.0 - 750

3.1.3 Ambient Air Quality Monitoring Results Near Construction Office

Ambient Air quality monitoring results for PM_{2.5}, PM₁₀, SO₂ and NO_x near construction office is presented in **Table-3.3**.

Table-3.3:
AAQ Results Near Construction Office

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	Particulate matters size less than 10 µm (PM ₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	88.6	5.0 - 1200	For 24 hour =100
2	Particulate matters size less than 2.5 µm (PM _{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	56.23	2.0 - 500	For 24 hour =60
3	Sulphur Dioxides (SO ₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	14.56	5.0 - 1050	For 24 hour =80
4	Oxides of nitrogen (NO _x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	22.08	6.0 - 750	For 24 hour =80

3.1.4 Ambient Air Quality Monitoring Results at Adjacent to Swadishth Oil Mill

Ambient Air quality monitoring results for PM_{2.5}, PM₁₀, SO₂ and NO_x at adjacent to swadishth oil mill is presented in **Table-3.4**.

Table-3.4:
AAQ Results at Adjacent to Swadishth Oil Mill

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	Particulate matters size less than 10 µm (PM ₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	81.5	5.0 - 1200	For 24 hour =100

2	Particulate matters size less than 2.5 µm (PM_{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	50.68	2.0 - 500	For 24 hour =60
3	Sulphur Dioxides (SO₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	13.42	5.0 - 1050	For 24 hour =80
4	Oxides of nitrogen (NO_x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	20.55	6.0 - 750	For 24 hour =80

3.1.5 Ambient Air Quality Monitoring Results at Near Village- Chiraura

Ambient Air quality monitoring results for PM_{2.5}, PM₁₀, SO₂ and NO_x at adjacent to swadishth oil mill is presented in **Table-3.5**.

Table-3.5:
AAQ Results at Near Village- Chiraura

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	Particulate matters size less than 10 µm (PM₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	76.8	5.0 - 1200	For 24 hour =100
2	Particulate matters size less than 2.5 µm (PM_{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	46.33	2.0 - 500	For 24 hour =60
3	Sulphur Dioxides (SO₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	12.84	5.0 - 1050	For 24 hour =80
4	Oxides of nitrogen (NO_x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	18.69	6.0 - 750	For 24 hour =80

3.1.6 Ambient Air Quality Monitoring Results at Near Village- Bisayakpur

Ambient Air quality monitoring results for PM_{2.5}, PM₁₀, SO₂ and NO_x at adjacent to swadishth oil mill is presented in **Table-3.6**.

Table-3.6:
AAQ Results at Near Village- Bisayakpur

Sr. No	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/ 2009
1	Particulate matters size less than 10 µm (PM₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	78.2	5.0 - 1200	For 24 hour =100
2	Particulate matters size less than 2.5 µm (PM_{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	47.65	2.0 - 500	For 24 hour =60
3	Sulphur Dioxides (SO₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	13.08	5.0 - 1050	For 24 hour =80
4	Oxides of nitrogen (NO_x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	18.26	6.0 - 750	For 24 hour =80

3.1.7 Discussion on Ambient Air Quality in the Study Area

The value of PM₁₀ at Ambient Air Monitoring Station No: 1 & 2 are 88.6 µg/m³ & 81.5 µg/m³ which were within permissible limit of 100 µg/m³ and PM_{2.5} levels are 56.23 µg/m³ at Station No: 1 and 50.68 µg/m³ at Station No: 2, were also observed within permissible limit of 60 µg/m³ (for residential, rural and other areas as stipulated in the National Ambient Air Quality Standards). SO₂ ranges between 14.56 µg/m³ to 13.42 µg/m³ and NO_x ranges between 22.08 µg/m³ to 20.55 µg/m³ was also observed within the corresponding stipulated limits (Limit for SO₂ and NO_x; 80 µg/m³) at both monitoring locations. Station wise variation of ambient air quality parameters has been graphically shown in **Figure-3.1 to 3.4**.

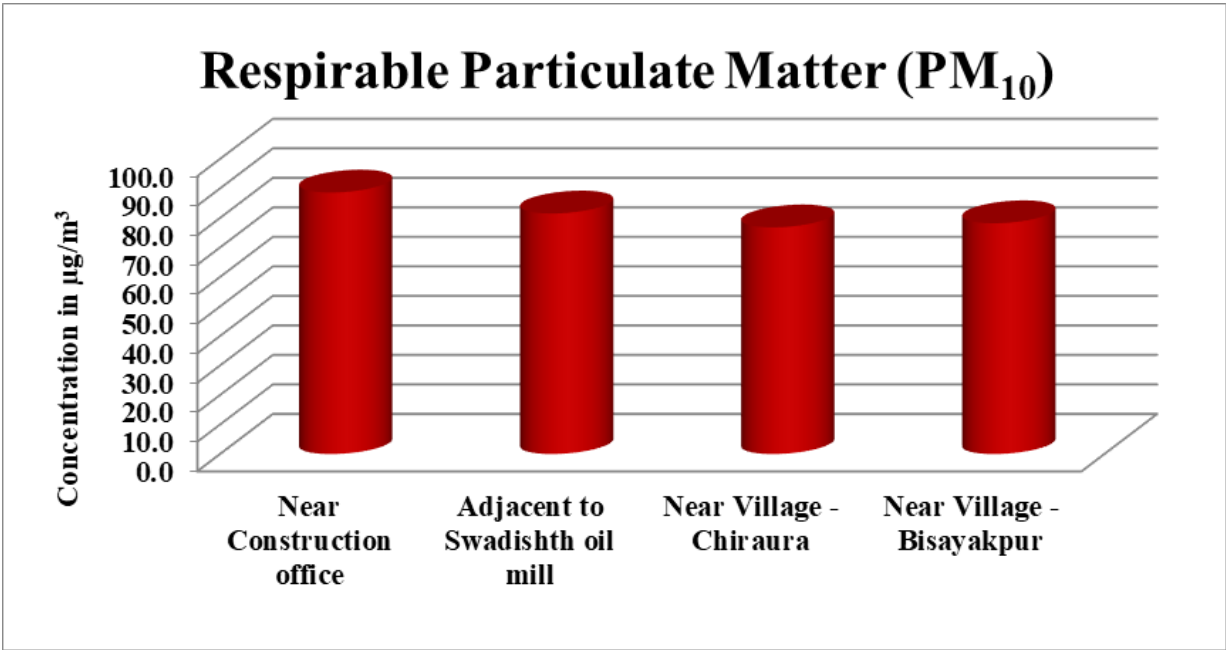


Figure-3.1: Graphs Showing PM₁₀ Concentration at all sites

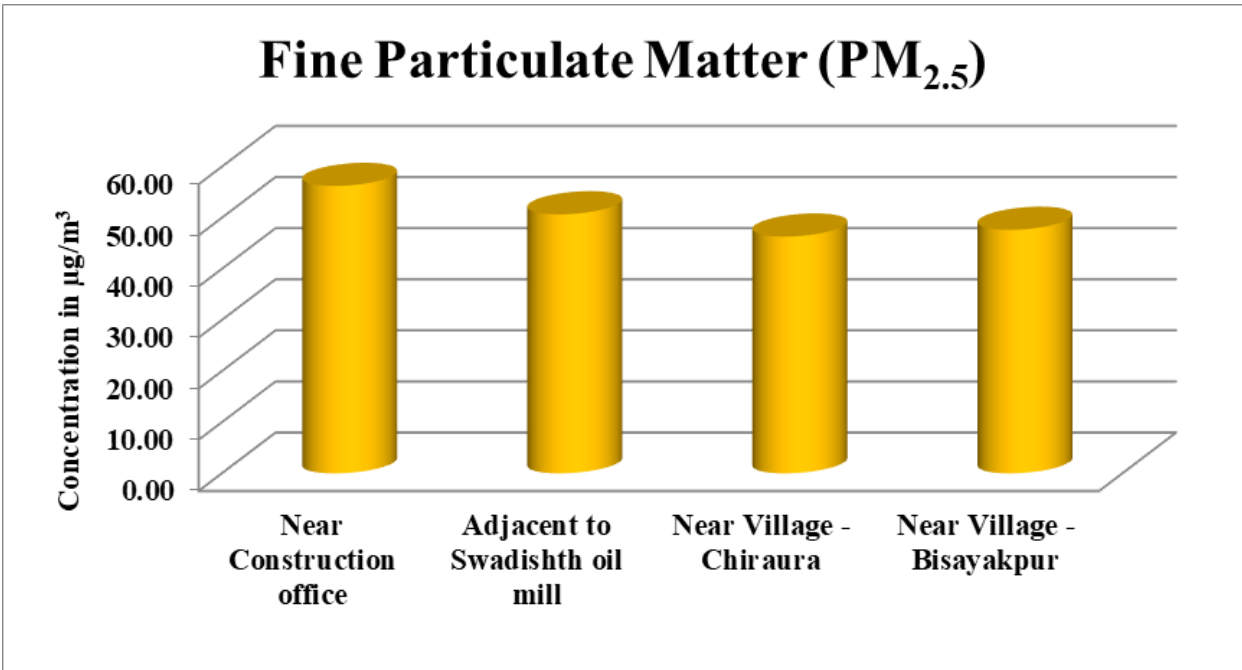


Figure-3.2: Graphs Showing PM_{2.5} Concentration at all sites

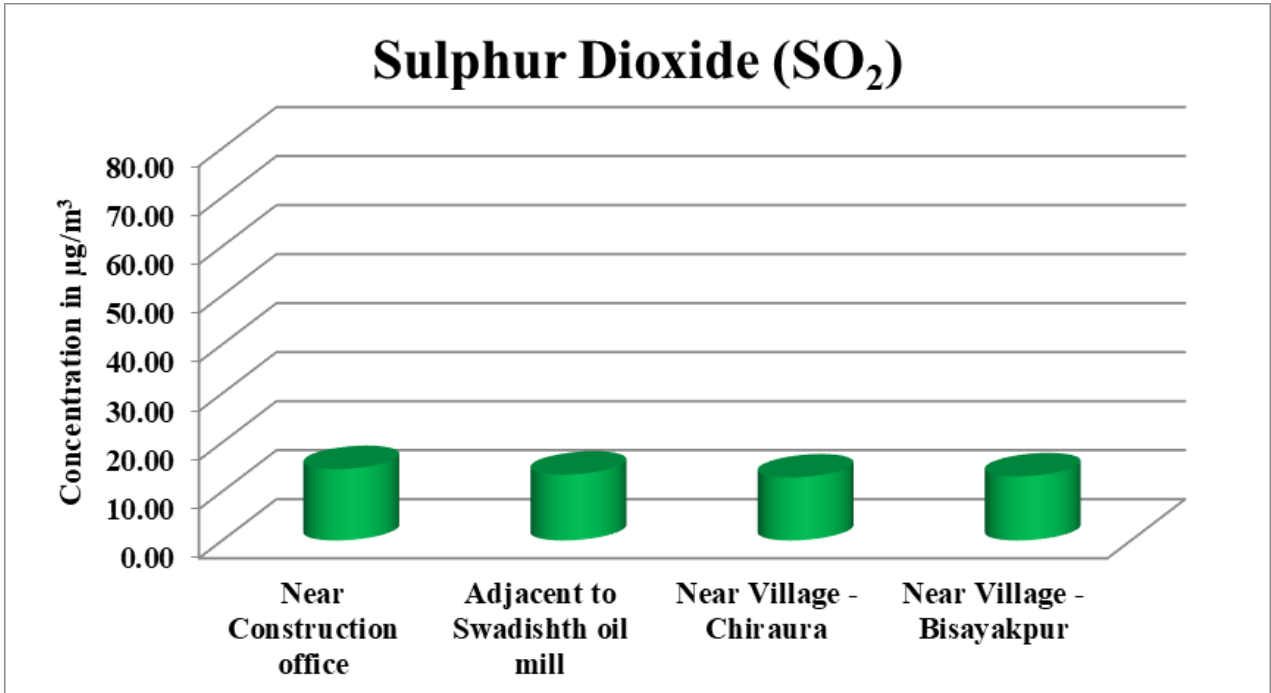


Figure-3.3: Graphs Showing SO₂ Concentration at all sites

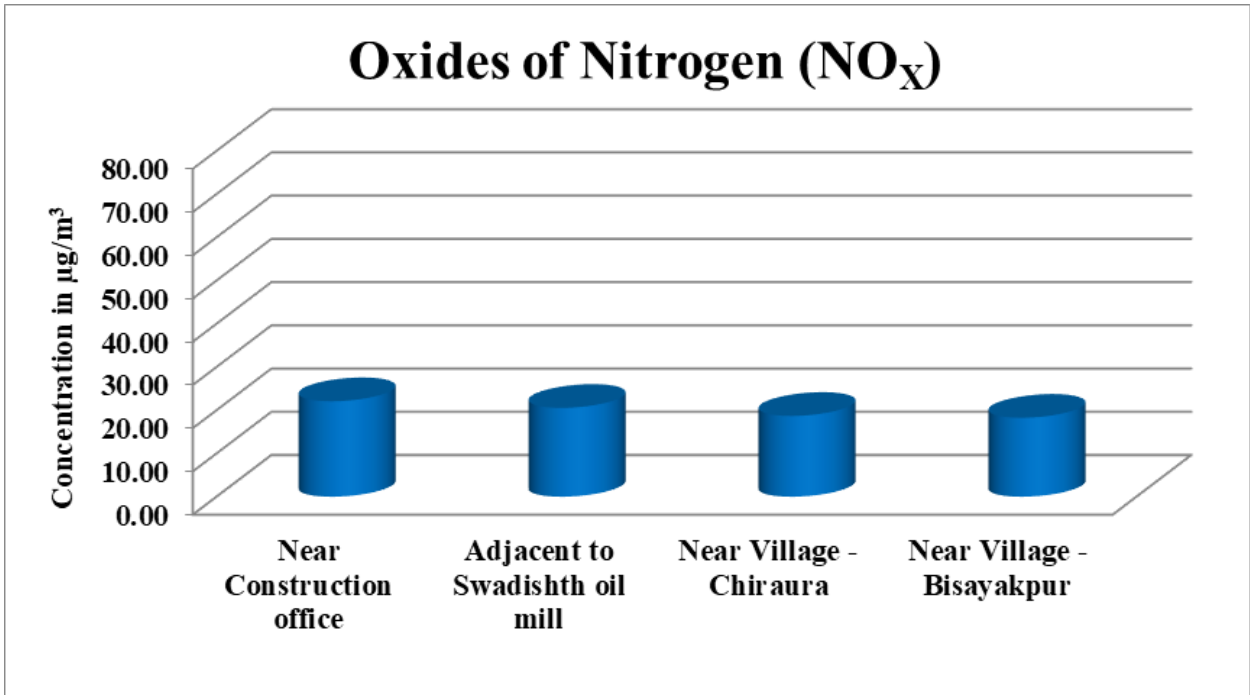


Figure-3.4: Graphs Showing NO_x Concentration at all sites

3.2 STACK EMISSION MONITORING

Stack Emission monitoring was carried out by EPA approved Laboratory on date 11.09.2024 for stack attached with 40.0 TPH boiler (ESP is used as Air Pollution Control Device with a stack height of 55.0 meter).

3.2.1 Stack Emission Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Particulate Matter (PM)

The Method used for Stack Emission monitoring and range of testing with CPCB standard are given in **Table-3.7**.

Table-3.7:
Details of Stack Emission Monitoring Results

Sr. No.	Parameter	Unit	Protocol	Result	Range of Testing/ Limit of Detection	Standard (as per CPCB)
1	Particulate Matter	mg/Nm ³	IS: 11255 (Part-01): 1985 Reaffirmed: 2019	43.20	2.0 - 1000	150

3.3 AMBIENT NOISE MONITORING

3.3.1 Ambient Noise Monitoring Locations

The main objective of noise monitoring in the study area is to assess the present ambient noise levels near project site due to various industrial activities and increased vehicular movement. A preliminary reconnaissance survey has been undertaken to identify the major noise generating sources in the area. Ambient noise monitoring was conducted at 1 location as given in **Table-3.8**.

Table-3.8:
Details of Ambient Noise Monitoring Stations

Sr. No	Location Code	Location name and description	Present Land use
1.	NQ - 01	Near Project Site	Industrial

3.3.2 Methodology of Noise Monitoring

Noise levels were measured using sound level meter. Noise level monitoring was carried out continuously for 24-hours with one-hour interval starting at 06:00 hrs to 06:00 hrs next day. The noise levels were monitored on working days only. During each hour Leq were directly computed by the instrument based on the sound pressure levels. Monitoring was carried out at 'A' response.

3.3.3 Ambient Noise Monitoring Results

The location wise ambient noise monitoring results is summarized in **Table-3.9**. The noise levels are graphically presented in **Figure-3.5**.

Table-3.9:
Ambient Noise Monitoring Results

Ambient Noise Level				
Sr. No.	Parameter	Unit	Day Time (06:00 AM - 10:00 PM)	Night Time (10:00 PM - 06:00 AM)
1	Equivalent sound level	dB(A)	60.46	48.96

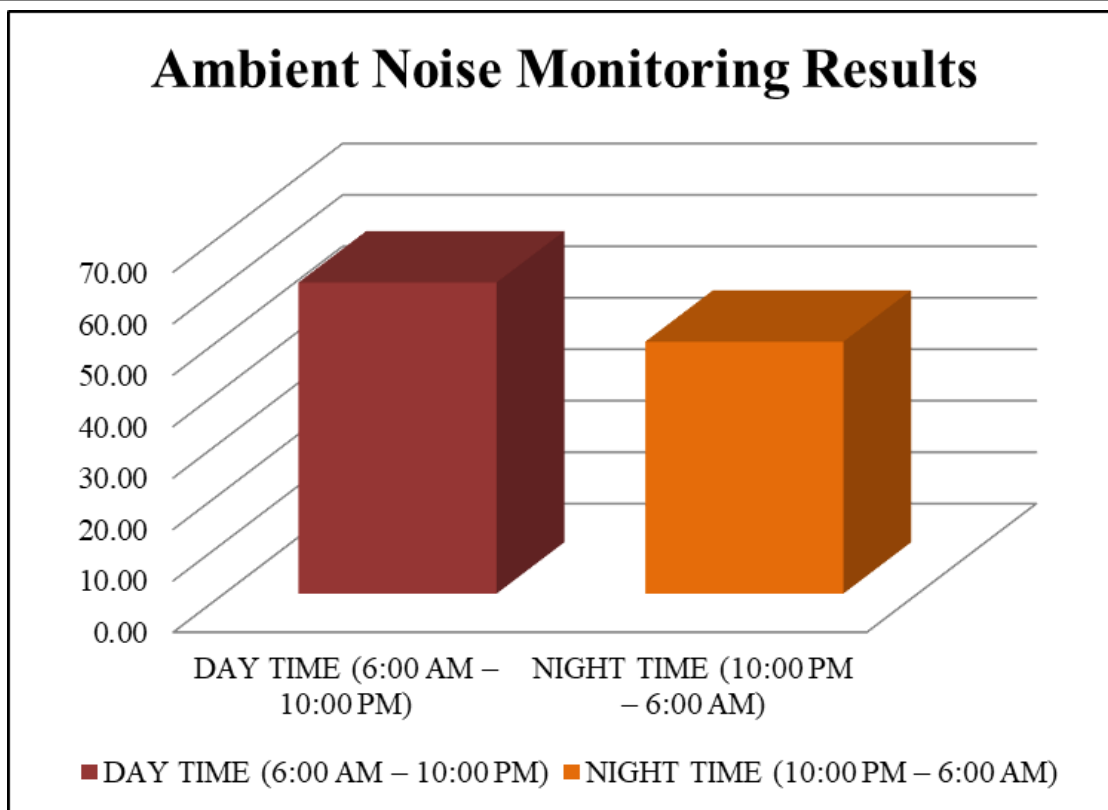


Figure 3.5: Day and Night Time noise Level at Near Project Site

Noise Standards as per CPCB Schedule rule 3(1) and 4(1)			
Area Code	Category of Area/Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Silence Zone : No Silence zone is present within or around the industry.

3.3.4 Discussion on Ambient Noise Levels in the Study Area

Day Time Noise Levels (L_{day}):

The day time noise level at monitoring station was found 60.46 dB(A), which is within limits prescribed for industrial area i.e. 75 db (A).

Night Time Noise Levels (L_{night}):

The night time noise level at monitoring station was found 48.96 dB(A), which is within limit prescribed for industrial area i.e. 70 dB (A).

3.4 GROUND WATER QUALITY MONITORING

3.4.1 Ground water Quality Monitoring Locations

Keeping in view the importance of ground water, sample of ground water was collected from the project site for the assessment of impacts of the project on the groundwater quality.

Water sample was collected from the project site. The sample was analyzed for various parameters to compare with the standards for Ground water as per IS: 10500 for Groundwater sources. The details of water sampling locations are given in **Table-3.10**.

Table-3.10:
Details of Water Quality Monitoring Station

Sr. No	Location Code	Location name and description	Date of Monitoring
1.	GW - 01	Borewell (within premises)	24 th April, 2024
2.	GW - 02	Borewell (within premises)	15 th July, 2024
3.	GW - 03	Borewell (within premises)	12 th September, 2024

3.4.2 Methodology of ground water Quality Monitoring

Sampling of ground water was carried out on 24.04.2024, 15.07.2024, and 12.09.2024. Samples were collected as grab sample and sampling forms are filled in as per the sampling plan. The preservative sample were properly added to preserve as per standard operating procedures (SOP) and stored immediately in ice boxes, which were ensured for appropriate temperatures. **Sample for chemical analysis was collected in polyethylene carboys. Sample collected for metal content were acidified to <2 pH with 1 ml HNO₃. A sample for bacteriological analysis was collected in sterilized glass bottles.**

Soon after the completion of sampling, chain of custody sheets for the samples are filled in and then they were transported by road to Environmental & Technical Research Centre, Lucknow for further analysis. Proper care was taken during packing and transportation of samples. All the samples reached the central laboratory within the holding times for different parameters. After ensuring the same the samples were forwarded immediately for analysis.

The samples were analyzed as per the standard procedures specified in 'Standard Methods for the Examination of Water and Waste water' published by American Public Health Association (APHA) and CPCB. The analytical techniques and the test methods adopted for testing of ground water are given in **Table-3.11 – 3.13**

3.4.3 Ground water Quality Monitoring Results

The detailed Ground water quality monitoring results are presented in **Table-3.11 – 3.13**

**Table-3.11:
Ground water Quality Results at Borewell at Bisayakpur (April, 2024)**

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	Colour	Hazen	IS: 3025 (Part-04): 2021	<5.0	5 - 30	5	15
2	Odour	-	IS: 3025 (Part-05): 2018	Agreeable	Qualitative	Agreeable	Agreeable
3	pH	-	APHA 24 th Ed. 2023 - 4500 H ⁺	7.4	1 - 14	6.5-8.5	No Relaxation
4	Turbidity	NTU	APHA 24 th Ed. 2023 - 2130 B	<2.0	2 - 40	1	5
5	Electrical Conductivity	µs/cm	APHA 24 th Ed. 2023 – 2552 A+B	572	1 - 40000	-	-
6	Total Dissolved Solids (TDS)	mg/l	IS: 3025 (Part-16): 2023	324.4	10 - 5000	500	2000
7	Ammonia (as total ammonia-N)	mg/l	APHA 24 th Ed. 2023 - 4500-NH ₃ F	<0.5	0.5 - 100	0.5	No Relaxation
8	Anionic Detergents (as MBAS)	mg/l	APHA 24 th Ed. 2023 - 5540 C	<0.05	0.05 - 0.5	0.2	1.0
9	Calcium as Ca	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	57.6	2.0 - 600	75	200
10	Magnesium as Mg	mg/l	APHA 24 th Ed. 2023 - 3500 Mg, B	20.41	0.1 - 200	30	100
11	Chloride as Cl	mg/l	APHA 24 th Ed. 2023 - 4500-Cl ⁻ B	28.0	2.0 - 2000	250	1000
12	Fluoride as F	mg/l	APHA 24 th Ed. 2023 - 4500 F ⁻ C	0.28	0.02 – 5.0	1.0	1.5
13	Free Residual Chlorine	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	<0.1	0.1 - 5.0	0.2	1.0
14	Nitrate as NO ₃	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	<1.0	1.0 - 70	45	No Relaxation
15	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	APHA 24 th Ed. 2023 - 5530 C	<0.001	0.001 - 0.005	0.001	0.002
16	Sulphate as SO ₄	mg/l	APHA 24 th Ed. 2023 - 4500- SO ₄ ²⁻	28.0	1.0 - 500	200	400
17	Alkalinity as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2320 B	252.0	2.0 - 1000	200	600
18	Total Hardness as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2340 C	228.0	5.0 - 800	200	600
19	Aluminium as Al	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.015	0.015 - 5.0	0.03	0.2
20	Boron as B	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.05	0.05 - 2.0	0.5	1.0
21	Copper as Cu	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.03	0.03 - 10	0.05	1.5
22	Iron as Fe	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.14	0.05 - 20	0.3	No Relaxation
23	Manganese as Mn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.03	0.02 – 5.0	0.1	0.3
24	Zinc as Zn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.19	0.05 - 15	5	15
25	Cadmium as Cd	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.003	0.003 - 2.0	0.003	No Relaxation
26	Lead as Pb	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.01	0.01 - 10	0.01	No Relaxation
27	Mercury as Hg	µg/l	APHA 24 th Ed. 2023 - 3112 B	<0.5	0.5 - 1000	1.0	No Relaxation
28	Nickel as Ni	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.02	0.02 - 5.0	0.02	No Relaxation
29	Arsenic as As	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.02	0.02 - 2.0	0.01	0.05
30	Total Chromium	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.03	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
31	<i>E. coli</i>	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	
32	<i>T. coli</i>	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	

**Table-3.12:
Ground water Quality Results at Borewell at Project Site (July, 2024)**

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	Colour	Hazen	IS: 3025 (Part-04): 2021	<5.0	5 - 30	5	15
2	Odour	-	IS: 3025 (Part-05): 2018	Agreeable	Qualitative	Agreeable	Agreeable
3	pH	-	APHA 24 th Ed. 2023 - 4500 H ⁺	8.0	1 - 14	6.5-8.5	No Relaxation
4	Turbidity	NTU	APHA 24 th Ed. 2023 - 2130 B	<2.0	2 - 40	1	5
5	Total Dissolved Solids (TDS)	mg/l	IS: 3025 (Part-16): 2023	468.0	10 - 5000	500	2000
6	Calcium as Ca	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	20.84	2.0 - 600	75	200
7	Magnesium as Mg	mg/l	APHA 24 th Ed. 2023 - 3500 Mg, B	12.63	0.1 - 200	30	100
8	Chloride as Cl	mg/l	APHA 24 th Ed. 2023 - 4500-Cl ⁻ B	126.13	2.0 - 2000	250	1000
9	Fluoride as F	mg/l	APHA 24 th Ed. 2023 - 4500 F ⁻ C	0.34	0.02 – 5.0	1.0	1.5
10	Sulphate as SO4	mg/l	APHA 24 th Ed. 2023 - 4500- SO ₄ ²⁻	60.05	1.0 - 500	200	400
11	Nitrate as NO ₃	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	2.722	1.0 - 70	45	No Relaxation
12	Alkalinity as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2320 B	300.0	2.0 - 1000	200	600
13	Total Hardness as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2340 C	104.0	5.0 - 800	200	600
14	Copper as Cu	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.03	0.03 - 10	0.05	1.5
15	Iron as Fe	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.0792	0.05 - 20	0.3	No Relaxation
16	Manganese as Mn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.02	0.02 – 5.0	0.1	0.3
17	Zinc as Zn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.65	0.05 - 15	5	15
18	Cadmium as Cd	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.003	0.003 - 2.0	0.003	No Relaxation
19	Lead as Pb	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.01	0.01 - 10	0.01	No Relaxation
20	Total Chromium	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.03	0.03 - 5.0	0.05	No Relaxation
21	Nickel as Ni	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.02	0.02 - 5.0	0.02	No Relaxation
22	Arsenic as As	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.02	0.02 - 2.0	0.01	0.05

**Table-3.13:
Ground water Quality Results at Borewell (within premises) (September, 2024)**

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	Colour	Hazen	IS: 3025 (Part-04): 2021	<5.0	5 - 30	5	15
2	Odour	-	IS: 3025 (Part-05): 2018	Agreeable	Qualitative	Agreeable	Agreeable
3	pH	-	APHA 24 th Ed. 2023 - 4500 H ⁺	7.4	1 - 14	6.5-8.5	No Relaxation
4	Turbidity	NTU	APHA 24 th Ed. 2023 - 2130 B	<2.0	2 - 40	1	5
5	Total Dissolved Solids (TDS)	mg/l	IS: 3025 (Part-16): 2023	390.4	10 - 5000	500	2000
6	Ammonia (as total ammonia-N)	mg/l	APHA 24 th Ed. 2023 - 4500-NH ₃ F	<0.5	0.5 - 2	0.5	No Relaxation
7	Anionic Detergents (as MBAS)	mg/l	APHA 24 th Ed. 2023 - -5540 C	<0.05	0.05 - 0.5	0.2	1.0
8	Calcium as Ca	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	51.2	2.0 - 600	75	200
9	Magnesium as Mg	mg/l	APHA 24 th Ed. 2023 - 3500 Mg, B	29.16	0.1 - 200	30	100
10	Chloride as Cl	mg/l	APHA 24 th Ed. 2023 - 4500-Cl ⁻ B	22.0	2.0 - 2000	250	1000
11	Fluoride as F	mg/l	APHA 24 th Ed. 2023 - 4500 F ⁻ C	0.43	0.02 - 5.0	1.0	1.5
12	Free Residual Chlorine	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	<0.1	0.1 - 5.0	0.2	1.0
13	Nitrate as NO ₃	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	<1.0	1.0 - 70	45	No Relaxation
14	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	APHA 24 th Ed. 2023 - 5530 C	<0.001	0.001 - 0.005	0.001	0.002
15	Sulphate as SO ₄	mg/l	APHA 24 th Ed. 2023 - 4500- SO ₄ ²⁻	26.0	1.0 - 500	200	400
16	Alkalinity as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2320 B	272.0	2.0 - 1000	200	600
17	Total Hardness as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2340 C	248.0	5.0 - 800	200	600
18	Aluminium as Al	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.015	0.015 - 5.0	0.03	0.2
19	Boron as B	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.05	0.05 - 2.0	0.5	1.0
20	Copper as Cu	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.03	0.03 - 10	0.05	1.5
21	Iron as Fe	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.10	0.05 - 20	0.3	No Relaxation
22	Manganese as Mn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.03	0.02 - 5.0	0.1	0.3
23	Zinc as Zn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.47	0.05 - 15	5	15
24	Cadmium as Cd	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.003	0.003 - 2.0	0.003	No Relaxation
25	Lead as Pb	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.01	0.01 - 10	0.01	No Relaxation
26	Mercury as Hg	µg/l	APHA 24 th Ed. 2023 - 3112 B	<0.5	0.5 - 1000	1.0	No Relaxation
27	Nickel as Ni	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.02	0.02 - 5.0	0.02	No Relaxation
28	Arsenic as As	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.02	0.02 - 2.0	0.01	0.05
29	Total Chromium	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	<0.03	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	E. coli	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	T. coli	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	

3.5 SOIL MONITORING

3.5.1 Soil Monitoring Locations

The objective of the soil monitoring is to identify the impacts of ongoing project activities on soil quality and also predict impacts, which have arisen due to execution of various construction activities. Accordingly, a study of assessment of the soil quality has been carried out.

To assess impacts of ongoing project activities on the soil in the area, the Physico-chemical characteristics of soils were examined by obtaining soil samples from selected points and analysis of the same. Single sample of soil was collected from the project site for studying soil characteristics, the location of which is listed in **Table-3.14**.

Table-3.14: Details of Soil Monitoring Stations

Sr. No	Location Code	Location name and description
1.	SQ - 01	Project Site (Within Premises)

3.5.2 Methodology of Soil Monitoring

The sampling has been done in line with IS: 2720 & Methods of Soil Analysis, Part-1st, 2nd Edition, 1986 of American Society for Agronomy and Soil Science Society of America. The homogenized samples were analyzed for physical and chemical characteristics (physical, chemical and heavy metal concentrations). The soil samples were collected in the month of September on 12.09.2024.

The samples have been analyzed as per the established scientific methods for Physico-chemical parameters. The heavy metals have been analyzed by using Atomic Absorption Spectro-photometer.

3.5.3 Soil Monitoring Results

Single sample of soil is collected from the site to check the quality of soil of the study area. The Physico-chemical characteristics of the soil, as obtained from the analysis of the soil sample, are presented in **Table-3.15**.

Table-3.15: Physico-Chemical Characteristics of Soil near Project Site (Within Premises)

Sr. No.	Test Parameter	Unit	Protocol/ Test Method	Result	Range of testing /limit of detection
1	pH	-	IS: 2720 (Part-26): 1987 Reaffirmed: 2021	7.3	1 - 14
2	Electrical Conductivity	µmhos/cm	IS: 14767:2000 Reaffirmed:2021	310.8	1.0 - 40000
3	Moisture content	%	IS: 2720 (Part-02): 1973 Reaffirmed: 2020	2.98	1.0 - 50
4	Copper	mg/kg	Method Manual of Soil Testing in India	0.44	0.3 - 500
5	Zinc	mg/kg	Method Manual of Soil Testing in India	14.26	1.0 - 500
6	Iron	mg/kg	Method Manual of Soil Testing in India	224.0	5.0 - 500
7	Manganese	mg/kg	Method Manual of Soil Testing in India	47.2	5.0 - 500
8	Sulphur	mg/kg	IS:14685: 1999 Reaffirmed: 2019	13.0	5.0 - 100

3.5.4 Discussion on Soil Characteristics in the Study Area

The soil in study area is characterized by moderate organic content. The soil quality in the project area has not been affected by the project activities.

Annexure-1
Copy of CTO



Uttar Pradesh Pollution Control Board

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

Category : RED

Application Id : 26714755

**212412/UPPCB/KanpurDehat(UPPCBRO)/CTO/both/KANPUR
DEHAT/2024**

Date: 16/08/2024

To,

M/s

AARTI DISTILLERIES PRIVATE LIMITED

Village- Chiraura, Tehsil- Akbarpur, District- Kanpur Dehat (U.P.),KANPUR DEHAT,208002

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **AARTI DISTILLERIES PRIVATE LIMITED** located at **Village- Chiraura, Tehsil- Akbarpur, District- Kanpur Dehat (U.P.),KANPUR DEHAT,208002**. subject to the provisions of **the Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **AARTI DISTILLERIES PRIVATE LIMITED** **granted for the period from 16/08/2024 to 31/12/2028** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	RECTIFIED SPIRIT/ENA/GNS (100 % Grain based)	180	Kilo Liters/Day
2	Co-Gen Power	6.0	Megawatt

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	12 KLD	STP	Reused for irrigation, dust suppression etc.
Industrial	Recycled	ETP	ZLD

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
1	BOD	As per E(P) Act 1986.
2	COD	As per E(P) Act 1986.
3	TSS	As per E(P) Act 1986.
4	Oil and Grease	As per E(P) Act 1986.

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	TSS (mg/L)	As per E(P) Act 1986.
2	Fecal Coliform (MPN/100ml)	As per E(P) Act 1986.
3	pH	As per E(P) Act 1986.
4	BOD (mg/L)	As per E(P) Act 1986.

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	Boiler- 40 TPH	Rice Husk/Coal	01	Particulate Matter	55 meter high stack with ESP.
2	D.G. Set-1000 KVA	HSD	02	Particulate Matter	As per norms with acoustic enclosure.
3	D.G. Set-1000 KVA	HSD	03	Particulate Matter	As per norms with acoustic enclosure.

Emmission Quality Standards

S No.	Stack no	Parameters	Standards
1	01	Particulate Matter	As per E(P) Act 1986.
2	02	Particulate Matter	As per E(P) Act 1986.
3	03	Particulate Matter	As per E(P) Act 1986.

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will result in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.

2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.

3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.

4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof

6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.

7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

Specific Conditions:-

- 1- This CTO is valid for total production capacity of RECTIFIED SPIRIT/ENA/GNS 180 KL/DAY (100 % Grain based) and operation of Co-generation Power Plant- 6.0 MW, at Vill - Chiraura, Tehsil - Akbarpur, District - Kanpur Dehat.
- 2- Industry shall strictly comply with the conditions of Environmental Compensation issued by SEIAA for expansion in production capacity of RECTIFIED SPIRIT/ENA/GNS from 150 KL/DAY (100 % Grain based) to 180 KL/DAY (100 % Grain based) vide EC Identification No. EC24B022UP143035 Dated 10/02/2024 and CTE issued by UPPCB vide letter dated 17.05.2024
- 3- Unit will adopted strategy, spent wash is first fed into the decanter for solid separation and then thin Slop from decanter is being concentrated in MEE then concentrated Spent wash syrup is being mixed with wet cake of decanter which is further converted to DDGS and sold as Cattle feed. Same spent wash treatment technique will be adopted for 100 % Grain based operation.
- 4- The industry must comply with the conditions of NOC issued to unit from the UPGWD for abstraction of ground water.
- 5- This CTO is valid only for Zero Liquid Discharge (ZLD). No effluent is allowed to discharge outside the factory premises.
- 6- Industry shall provide acoustic enclosure on 02 Nos. D.G. sets of capacity 1000 KVA along with exhaust pipe as per the norms.
- 7- In case of any change in production capacity, process, raw material use etc. the industry will have to intimate the Board. For any enhancement of the above, fresh Consent to Establish has to be obtained from U.P. Pollution Control Board.
- 8- Industry shall effectively operate Sewage Treatment Plant of capacity 50 KLD for treatment of domestic effluent. The treated STP effluent should achieve the prescribed standard as notified by MoEF&CC. The treated effluent shall be reused for irrigation within the industry premises.
- 9- As per the directions given by Commission for Air Quality Management in National Capital Region and Adjoining Areas vide its letter no-A-110018/01/2021-CAQM, dated-04.02.2022, industry shall under all circumstances completely switch over to PNG or Bio Fuels latest by 30.09.2022. Industry should switch over to PNG Fuel as soon as PNG supply is available in the area. Unit must use Rice Husk/Biomass/Agriculture Refuse/Bio Fuel Pellets/Bio Briquettes as per direction given by CAQM.
- 10- Operation and maintenance of APCS shall be done in such a way that the emission generated from stacks is always within prescribed limit.

- 11- The unit shall maintain strict supervision upon fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant.
- 12- The E.T.P. unit operation line up Strengthening is to be maintained.
- 13- The Unit shall effectively operate Piezometer for measurement of ground water level and the data generated from Piezometer will be provided to the SPCB on monthly basis.
- 14- Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.
- 15- The industry shall strictly comply with conditions mentioned in the charter on CREP prepared by CPCB.
- 16- Industry shall operate and maintain Online Continuous Effluent and emission Monitoring System (OCEMS) on ETP and stack & connect it with SPCBs and CPCB server, before start of production as per the direction of CPCB.
- 17- Industry shall install PTZ camera at each strategic location such as MEE, effluent storage lagoon etc. for monitoring purpose. The URLs and password shall be provided to the Board.
- 18- Industry shall ensure the compliance of office memorandum dated 28.08.2019 issued by MoEF&CC, Govt. of India and detail of Fly ash disposal shall be submitted on quarterly basis to UPPCB.
- 19- The industry shall install electromagnetic flow meter at water source and outlet of ETP, and maintain the records of water abstracted and recycled treated effluent. The treated effluent from the Effluent Treatment Plant shall be used completely in the manufacturing process.
- 20- Industry shall abide by orders / directions issued by Hon'ble Supreme court Hon'ble High Court, Hon'ble National Green tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time.
- 21- Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
- 22- The industry shall comply with the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016.
- 23- The industry shall ensure provisions of Roof Top Rain Water Harvesting system and Ground Water Recharging Proposal/ compliance report should be sent to the Board within a month.
- 24- The industry shall provide adequate arrangement for fighting the accidental leakages/discharge of any air pollutant/gas/liquid from the vessel, machinery etc. which are likely to cause fire hazard including environmental pollution.
- 25- Any source of emission other than that mentioned in the consent seeking application will not be permitted by the Board.
- 26- The industry should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission confirms with the standards prescribed under the E.P Act 1986 as amended.
- 27- Industry shall submit Environmental Statement in prescribed format as per rule no.14 as per E.P Rules 1986.
- 28- The industry shall operate 40 TPH Boiler with ESP and 55 meter stack height as per norms. The APCS will be maintained and operated in such a manner that emissions always conform to the standard laid down under the E.P Act 1986 as amended.
- 29- Industry shall submit monthly monitoring reports of all stacks and ambient air quality from a certified / approved laboratory under E.P. Act 1986 and on quarterly basis to the Board.
- 30- Industry shall submit analysis reports from a certified / approved laboratory under E.P. Act 1986 within a month and on quarterly basis to the Board.
- 31- The unit shall obtain prior consents in the event of any addition of new emission generation sources such as- Boiler/ Furnace/ Heaters/ D.G. Sets or alteration of existing emission sources in accordance with section- 21/22 of air Act 1981 (as amended respectively).
- 32- The Industry will use minimum 20% Bio Briquette as fuel in the Boiler depending upon its availability.
- 33- In compliance with the Hon'ble Supreme Court order passed in W.P. (civil) No. 13029/1985 M.C. Mehta

Vs. Union of India and ors. the use of Pet coke and furnace oil is prohibited.

34- Minimum 33% of the land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL http://www.uppcb.com/pdf/Green-Belt-Guidle_160218.pdf.

35- Industry shall establishing Miyawaki forest as per the GO no. 1011/81-7-2021-09(rit)/2016 dated 13.10.2021 of Deptt. of Environment, forest and climate change and shall submit time bound proposal for proposed plantation. STP Treated water shall be used for forestation.

Copy to:

Regional Officer, UPPCB, Kanpur Dehat with direction to send the compliance report of CTO conditions on quarterly basis to Head Office

Rajendra Singh
Chief Environmental Officer, Circle-2
Digitally signed by Rajendra Singh
Date: 2024.09.09 10:32:15 +05'30'

Rajendra Singh
Chief Environmental Officer, Circle-2
Digitally signed by Rajendra Singh
Date: 2024.09.09 10:32:44 +05'30'



मिशन LIFE - पर्यावरण के लिए जीवन शैली
(Lifestyle For Environment)
जनसहभागिता का सन्देश



- स्वच्छता – देशसेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें -एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय |
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त बचत उत्पन्न कर सकता है | वेस्ट /अपशिष्ट फेंकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेंकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई – वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइकिलिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप से ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्रथाक्रीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन /खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है |

Annexure-2

“Environment Clearance Letter”



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), UTTAR PRADESH)

To,

The Director
AARTI DISTILLERIES PRIVATE LIMITED
3rd Floor, 7/22D, Tilak Nagar, Kanpur, UP -208002

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/UP/IND2/442435/2023 dated 16 Nov 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC24B022UP143035 |
| 2. File No. | 8477 |
| 3. Project Type | Expansion |
| 4. Category | B |
| 5. Project/Activity including Schedule No. | 5(g) Distilleries |
| 6. Name of Project | M/s Aarti Distilleries Private Limited is proposing an expansion of the distillery capacity from 150 KLD to 180 KLD under para 7(ii)(a) of EIA notification 2006 (for 1st phase – 20 %) at village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat, Uttar Pradesh, 208002. |
| 7. Name of Company/Organization | AARTI DISTILLERIES PRIVATE LIMITED |
| 8. Location of Project | UTTAR PRADESH |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 10/02/2024

(e-signed)
Sanjeev Kumar Singh (IFS)
Member Secretary
SEIAA - (UTTAR PRADESH)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow- 226010

E-Mail- doeuplko@yahoo.com, seiaaup@yahoo.com

Phone no- 0522-2300541

Reference- MoEFCC Proposal no- SIA/UP/IND2/442435/2023 & SEIAA, U.P. & File no-8477

Sub: Environmental Clearance for Proposed Expansion of the distillery capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat, M/s Aarti Distilleries Private Limited.

Dear Sir,

This is with reference to your application / letter dated 16-11-2023, 15-12-2023 on above mentioned subject. The matter was considered by 818th SEAC in meeting held on 19-12-2023 and 793rd SEIAA meeting held on 01-02-2024.

A presentation was made by the project proponent along with their consultant M/s Environmental & Technical Research Centre to SEAC on 19-12-2023.

Project Details Informed by the Project Proponent and their Consultant

The project proponent, through the documents and presentation gave following details about their project –

1. The environmental clearance is sought for Expansion of the distillery capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat, M/s Aarti Distilleries Private Limited.
2. Final EIA report submitted by the project proponent on 16/11/2023
3. Project details:

Project Proposal	Units	Capacity	
	Distillery Plant	Existing Capacity	Total capacity after expansion
	DISTILLERY (PRODUCT NAME: (RS/ENA/GNS/ TOTAL SPIRIT)	150 KLD	180 KLD (Addition of 20 % Increase in Production Capacity)
	Cogeneration Power Plant	4.5 MW	6.0 MW
	BY PRODUCTS		
	CO ₂	85 TPD	126 TPD
	DDGS/DWGS (CATTLE FEED)	82 TPD at 8 - 10 % W/W Moisture	93 TPD at 8 - 10 % W/W Moisture
Screening Category	The proposed expansion project falls in category “B1” under Activity 5 (g) [Grain based Distilleries ≤200 KLD] as per EIA Notification, dated 14 th September, 2006 & as amended on 13 th June 2019. This report has been prepared in accordance with the guidelines for Granting the Environmental Clearance under para 7(ii)(a) of EIA notification, 2006 for expansion upto 50 % within the existing / mine lease area in three phases, without additional land acquisition through OM No – IA3-22/10/2022-IA.III[E 177258] dated 11 th April 2022.		

4. Raw material details:

Raw Material	Existing	Total Quantity after Expansion (TPD)	Storage Facility	Source & mode of transportation
Grain- Broken Rice, Jwar, Sorghum, Bajra, Maize, etc	345 TPD	414 TPD	Covered shed	Through grain suppliers by road
Chemicals (kg/day)				
Sodium Hydroxide (Caustic)	480 kg / Day	576 kg / Day	Packed in 50 kg bags and stored in godown	Through Supplier within 500 kms.
Nutrients	300 kg / Day	360 kg / Day		
Enzymes	300 kg/ Day	360 kg / Day		
Antifoam Agent	145 kg / Day	174 kg/day		
Yeast (Active Dry Yeast/Distiller's Yeast)	130 kg / Day	156 kg/Day		

5. Fuel requirement details:

Particulars	Details
Type of Fuel	Rice Husk / Biomass / Coal # During Non-availability of Rice Husk / Biomass, Coal will be used as fuel.
Quantity of Fuel (MT/Day)	Rice Husk - 220 TPD / Coal – 165 TPD
Capacity of boiler	Existing 40 TPH (01 No)
Stack Height	55 m height
Pollution Control Equipment	ESP (Electrostatic Precipitator)

6. Steam requirement and boiler details:

S. No.	Purpose	Steam requirement at existing capacity (TPH)	Steam requirement at expanded capacity (TPH)
1.	Liquefaction	4.2	5.0
2.	Multi – pressure Distillation, MSDH & Evaporation	16.6	19.9
3.	DWGS dryer	2.9	3.4
4.	Others	7.3	8.7
Total		31.0	37.0

7. Power requirement for existing distillery is 3.0 MW. After proposed expansion, power requirement will be 3.56 MW, which is being / will be sourced from the 6.0 MW Co- Generation Power Plant. 2 x 1000 KVA DG set has been provided for power backup only. Surplus power will be exported to State Grid.

8. Water requirement details:

- Total water requirement for 150 KLD Grain based operation is 2378 KLD, out of total fresh water requirement will be 1250 KLD. After expansion total water requirement will be 2788 KLD, out of which fresh water requirement will be 1354 KLD.
- Fresh water is being / will be sourced from Ground Water. Fresh water requirement after expansion will be within sanctioned quantity given in Environmental Clearance.
- Permission for withdrawal of 1350 KLD Ground Water has been obtained by the company from Ground Water Department (Namami Gange & Rural Water Supply Department), Ministry of Jal Shakti, Govt. of Uttar Pradesh vide NOC no. REG027994, REG034600 & REG048049 valid from 03.07.2021 to 02.07.2026.

Sr. No.	Unit	Existing (KLD)	After proposed expansion (KLD)
1.	Industrial Use (Distillery)	1230 KLD	1334 KLD

2.	Domestic Use	20 KLD	20 KLD
	Grand Total	1250 KLD	1354 KLD

Source: Ground water (permission from Ministry of Jal Shakti has been already obtained for abstraction of fresh water.

9. Action plan as per Ministry's O.M. dated 30/09/2020:

CER Activities	Year after Commissioning of the Project (Amount in Lakhs)		
	01 st	02 nd	Total
1. Skill Development program	4	2	6
2. Adoption of School for infrastructure development like smart classes, library, Laptop, computers, furniture, Toilets RO etc in Village: Sherpur Taraunda	10	9	19
Total	14	11	25

10. The project proposal falls under category-5(g) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 19-12-2023 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held 01-02-2024 discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional/Specific Conditions:

1. The project proponent shall ensure ZLD.
2. The project proponent shall follow MoEFCC notification 35 (E) dated 14 January 2016 in letter and spirit.
3. The project proponent shall handle boiler ash properly.
4. Dedicated space for storage of boiler ash with proper fencing should be ensured.
5. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
6. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
7. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
8. The project proponent is directed to comply with the public hearing queries/questions and TOR conditions in a time bound manner as per action plan submitted by the proponent and submit compliance report regularly as per EIA notification.
9. The project proponent shall comply with the CPCB charter/guidelines and time to time direction for the distillery unit.

Standard environmental clearance conditions:

1. Statutory compliance:

1. 45 days monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 60 days for a record.
2. 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 purposes involved in the project.

3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
4. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
6. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
7. 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

II. Air quality monitoring and preservation:

1. 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.
2. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 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. (case to case basis small plants: Manual; Large plants: Continuous).
3. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
4. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
5. 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.
6. 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.
7. 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.

8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

III. Water quality monitoring and preservation:

1. 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 (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
2. 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).
3. 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.
4. 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.
5. 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.
6. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
7. 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.

IV. Noise monitoring and prevention:

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

V. Energy Conservation measures:

1. The energy sources for lighting purposes shall preferably be LED based.

VI. Waste management:

1. 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.
2. 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.
3. The company shall undertake waste minimization measures as below :-
 - iii. Metering and control of quantities of active ingredients to minimize waste .
 - iv. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - v. Use of automated filling to minimize spillage.

- vi. Use of Close Feed system into batch reactors.
- vii. Venting equipment through vapour recovery system.
- viii. Use of high pressure hoses for equipment clearing to reduce wastewater generation

VII. Green Belt:

1. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

VIII. Safety, Public hearing and Human health issues:

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
3. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
4. 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 structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
6. 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

IX. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. 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. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. 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.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
5. Self-environmental audit shall be conducted annually. Every three years third party

environmental audit shall be carried out.

x. Miscellaneous:

1. 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.
2. 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.
3. 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.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5. 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.
6. 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.
7. 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.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by 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.
10. 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).
11. 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.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary.
14. The Company in a time bound manner shall implement these conditions.
15. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
16. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of

Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

17. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Kanpur Dehat. In case of violation; it would not be effective and would automatically be stand cancelled.

The project proponent has to ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of the violation this permission shall automatically be deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically be deemed to be cancelled.

Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.

Copy, through email, for information and necessary action to –

1. **Additional Chief Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – psforest2015@gmail.com)**
2. **Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, 3rd Floor, Prithvi-Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 (email – sudheer.ch@gov.in)**
3. **Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector “H”, Aliganj, Lucknow – 226020 (email – roc.lko-mef@nic.in)**
4. **District Magistrate, Kanpur Dehat.**
5. **Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – ms@uppcb.com)**
6. **Copy to Web Master for uploading on PARIVESH Portal.**
7. **Copy for Guard File.**

(Sanjeev Kumar Singh)
Member Secretary, SEIAA

Signature Not Verified

Digitally signed by: Sanjeev Kumar Singh (IFS)
Designation: Member Secretary
Date and Time: 2/10/2024 12:44:15 PM
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Annexure-3

“Hazardous Waste Authorization
Letter”



UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831 Fax:0522-2720764 Email: info@uppcb.com Website: www.uppcb.com

Ref. No : 18566/UPPCB/KanpurDehat(UPPCBRO)/HWM/KANPUR DEHAT/2022

Dated :18/11/2022

To,

M/s AARTI DISTILLERIES PRIVATE LIMITED

Vill. Chiraura, Rajendra Chauraha, KANPUR DEHAT, 209304

Tehsil : AkbarPur

District : KANPUR DEHAT

Sub :- Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

1. Number of authorization and date of issue 18566 and 18/11/2022 .
2. Reference of application (No. and date) 18189449 and 12/10/2022 .
3. Mr CHETAN SHARMA of M/s AARTI DISTILLERIES PRIVATE LIMITED is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, utilization, storage and disposal or any other use of hazardous or other wastes or both on the premises situated at Vill. Chiraura, Rajendra Chauraha, KANPUR DEHAT .

Details of Authorisation

S No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity(ton/annum)
1	Used or Spent Oil (Sch-1, Cat-5.1)	Through TSDF/Authorized Recycler	1.5 MT/Annum

1. The authorization shall be valid for a period of 17/11/2027 from the date of issue of this letter .
2. The authorization is subject to the following general and specific conditions (please specify any conditions that need to be imposed over and above general conditions, if any) .

A General Conditions of Authorization -

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under .
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Board .
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization .
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation .
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time .

6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and penalty .
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility .
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation .
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained .
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation .
11. The importer or exporter shall bear the cost of Import or export and mitigation of damages if any
12. An application for the renewal of an authorisation shall be made as laid down under these Rules .
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time .
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year .
15. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

B Specific Conditions of Authorization

1. The wastes must be safely collected in leak proof containers and shall be duly marked in a manner suitable for handling, storage and transport and the packaging shall be easily visible and be able to withstand physical conditions and climatic factors. All hazardous waste containers / bags shall be provided with a general label. The storage area should be at an isolated spot in the premises and must be fenced, covered and duly marked.
2. The authorized person/agency shall ensure that no adverse impact on the air, soil and water including groundwater takes place due to activities for which authorization has been requested. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
3. An application for the renewal of an authorization shall be made in form 1, before its expiry as laid down in rule. It is further brought to your notice that as per the order dated 14-11-2003 passed by the Hon'ble Supreme Court in W.P. (c) No. 657 of 1995, no industry covered under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 shall be allowed to operate without valid authorization. It is also provided in the same orders that industries which are not complying with the conditions of authorization shall not be allowed to operate. Hence in case you fail to apply for authorization, before its expiry or fail to comply with conditions of the earlier authorization issued to you, closure order shall be issued against your industry without any further notice.
4. The applicant must file returns on prescribed Form 4 along with a compliance report of this letter and should also maintain records on Form 3 and present it to Board's inspecting officials.
5. In case of occurrence of an accident, complete details on form must be sent to U.P. Pollution Control Board at the earliest along with details of mitigative and remedial measures taken.
6. The authorized person shall not receive, collect, or store any hazardous waste from any unauthorized occupier or generator of hazardous wastes. In case any hazardous wastes is sold to any

other reprocessing unit it must be ensured that such unit is fully complying with environmental requirements and has a valid authorization of the Board.

7. In no case any hazardous wastes shall be disposed off on land, in any drain or stream. All spillages of hazardous chemicals, used containers, of hazardous chemicals such as flammable corrosive, explosive and toxic nature must be safely collected and stored. Non-compatible wastes must be suitably and safely handled.

8. It is within the powers and functions of the U.P. Pollution Control Board to modify / revoke the terms and conditions of the authorization issued under the Rule – 7 of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

9. You are directed to install display board outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises. Necessary compliance should be sent within 15 days of receipt of this letter.

10. It is the mandatory duty of the authorized person to comply with the guidelines for transportation of hazardous waste in accordance with rule 18 of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.

11. It should be ensured that hazardous wastes shall be properly collected and packed in HDPE bags and then temporarily stored in a lined RCC tank/pit with suitable shed.

12. An ETP sludge/salt test report of a laboratory approved under E.P. Act shall be submitted along with compliance of this letter of this office.

13. Used oil shall be sold only to recyclers registered with U.P. Pollution Control Board. The record shall be maintained.

14. The occupier, transporter and operator of a facility shall be liable for damages caused to the environment resulting due to improper handling and disposal of hazardous waste listed in schedule 1,2, and 3 and shall be liable to pay a fine as levied by the State Pollution Control Board under the rules.

15. You shall have the valid membership of any common TSDF for S.L.F. (M/S U.P. Waste Management Project Kumbhi Kanpur Dehat or M/s Bharat Oil and Waste Management Ltd., Kumbhi, Akbarpur, Kanpur Dehat. permitted by U.P.P.C.B)., and start sending the stored hazardous wastes for final disposal to the TSDF and report back to U.P.P.C.B. with the required manifesto (document of proof) within three month of this letter. The authorized incinerator is with M/s Bharat Oil Company, Sahibabad, Ghaziabad for oily waste and paint sludge only.

16. You are required to store the hazardous waste safely and send it to TSDF/incinerator within stipulated time period.

17. This authorization is valid till the industry is having valid consent as per the provisions of Air (Prevention and Control of Pollution) Act 1981 and Water (Prevention and Control of Pollution) Act, 1974.

RAJENDRA SINGH
(Authorized Signatory)
Digitally signed by
RAJENDRA SINGH
Date: 2022.12.02
09:03:38 +05'30'

UTTAR PRADESH POLLUTION CONTROL BOARD

Copy to: To the Regional Officer, U.P. Pollution Control Board, KANPUR DEHAT for information and necessary action .

Annexure-4

Ground Water NOC from UPPGWD



Form 8 (E)

[See rules 15(2)]

**(RENEWAL OF AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR
SINKING OF EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/
INFRASTRUCTURAL OR BULK USER OF GROUND WATER)
AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO:
REG048049**

VALID FROM 03/07/2021 TO 02/07/2026

Registration No.: 202106000260			
Name of the Owner	CHETAN SHARMA		
Address of the Applicant	3rd Floor, 7/22D, Tilak Nagar, Kanpur	Application Form Serial No.	KNPD0621RIN0015
Date of Submission	10/06/2021	Specimen Signature	
Company Name	AARTI DISTILLERIES PRIVATE LIMITED	Company Address	Village Chiraura, Block Sarbankhera, District Kanp
Location Particulars			
District	Kanpur Dehat	Block	SARVANKHERA
Plot No./Khasra No.	Existing premises khasra detail attached	Municipality/Corporation	No
Ward No./Holding No.			NA
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	01/04/2021		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	100.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	15.00
Operational Device	Electric Motor	Rate of Withdrawal (m ³ /hr.)	50.00
Date of Energization (In Case of Electric Pump)		01/04/2021	
Maximum Allowable Rate of Withdrawal (m ³ /hr.):	50.00	Maximum Allowable Running Hours Per Day:	10.00
Maximum Allowable Annual Extraction of Ground Water:			170000.00
Reason for renewal of N.O.C. एन.ओ.सी. के नवीनीकरण का कारण	Our existing Well NOC will be expired on 10/6/2021. Therefore, we are applying for renewal of NOC.		
Against Case			

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (3) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

Conditions

- (1) In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization.
- (3) For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters(conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- (4) The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands.
- (5) In case of any change of ownership of the existing well, fresh registration has to be obtained.
- (6) No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration.
- (7) n case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage, this registration is liable for cancellation.
- (8) The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- (9) Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis.
- (10) Guidelines for Installation of Piezometers and their Monitoring
- Piezometer is a borewell /tube well used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing whenever needed. General guidelines for installation of piezometers are as follows for compliance of NOC:
 - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4" to 6".
 - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometer are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
 - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

- The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter up to two decimals.
- For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
- The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
- All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
- The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt. capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.
- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site-specific requirement regarding safety and access for measurement may be taken care of.
- (11) Any other condition(s) that may be imposed by the concerned Authority.
- (12) In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- **SPECIFIC CONDITIONS:**
 - (A) **For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
 - i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
 - ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
 - iii) All industries abstracting ground water in excess of 100 m³/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department, Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
 - iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m³/day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP
 - v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
 - vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
 - vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
 - (B) **Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
 - i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
 - ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m³ /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date :23/09/2021
Place:Kanpur Dehat

This certificate is electronically generated and does not require digital signature



Form 8 (E)

[See rules 15(2)]

**(RENEWAL OF AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR
SINKING OF EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/
INFRASTRUCTURAL OR BULK USER OF GROUND WATER)
AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO:
REG034600**

VALID FROM 03/07/2021 TO 02/07/2026

Registration No.: 202106000261

Name of the Owner	CHETAN SHARMA		
Address of the Applicant	3rd Floor, 7/22D, Tilak Nagar, Kanpur	Application Form Serial No.	KNPD0621RIN0014
Date of Submission	10/06/2021	Specimen Signature	
Company Name	AARTI DISTILLERIES PRIVATE LIMITED	Company Address	Village Chiraura, Block Sarbankhera, District Kanp

Location Particulars			
District	Kanpur Dehat	Block	SARVANKHERA
Plot No./Khasra No.	Existing premises khasra detail attached	Municipality/Corporation	No
Ward No./Holding No.			NA

Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	01/04/2020		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	100.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	15.00
Operational Device	Electric Motor	Rate of Withdrawal (m ³ /hr.)	50.00
Date of Energization (In Case of Electric Pump)		01/04/2021	
Maximum Allowable Rate of Withdrawal (m ³ /hr.):	50.00	Maximum Allowable Running Hours Per Day:	10.00
Maximum Allowable Annual Extraction of Ground Water:			170000.00
Reason for renewal of N.O.C. एन.ओ.सी. के नवीनीकरण का कारण	Our existing NOC will be expired on 10/6/2021. Therefore, we are applying for renewal of NOC.		
Against Case			

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (3) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

Conditions

- (1) In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization.
- (3) For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters(conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- (4) The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands.
- (5) In case of any change of ownership of the existing well, fresh registration has to be obtained.
- (6) No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration.
- (7) n case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage, this registration is liable for cancellation.
- (8) The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- (9) Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis.
- (10) Guidelines for Installation of Piezometers and their Monitoring
- Piezometer is a borewell /tube well used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing whenever needed. General guidelines for installation of piezometers are as follows for compliance of NOC:
 - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4" to 6".
 - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometer are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
- No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

- The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter up to two decimals.
- For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
- The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
- All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
- The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt. capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.
- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site-specific requirement regarding safety and access for measurement may be taken care of.
- (11) Any other condition(s) that may be imposed by the concerned Authority.
- (12) In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- **SPECIFIC CONDITIONS:**
 - (A) **For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
 - i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
 - ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
 - iii) All industries abstracting ground water in excess of 100 m³/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department, Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
 - iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m³/day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP
 - v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
 - vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
 - vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
 - (B) **Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
 - i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
 - ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m³ /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date :10/02/2022
Place:Kanpur Dehat

This certificate is electronically generated and does not require digital signature



Form 8 (E)

[See rules 15(2)]

**(RENEWAL OF AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR
SINKING OF EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/
INFRASTRUCTURAL OR BULK USER OF GROUND WATER)
AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO:
REG027994**

VALID FROM 03/07/2021 TO 02/07/2026

Registration No.: 202106000262			
Name of the Owner	CHETAN SHARMA		
Address of the Applicant	3rd Floor, 7/22D, Tilak Nagar, Kanpur	Application Form Serial No.	KNPD0621RIN0013
Date of Submission	10/06/2021	Specimen Signature	
Company Name	AARTI DISTILLERIES PRIVATE LIMITED	Company Address	Village Chiraura, Block Sarbankhera, District Kanp
Location Particulars			
District	Kanpur Dehat	Block	SARVANKHERA
Plot No./Khasra No.	Existing premises khasra detail attached	Municipality/Corporation	No
Ward No./Holding No.			NA
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	01/04/2021		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	100.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	15.00
Operational Device	Electric Motor	Rate of Withdrawal (m ³ /hr.)	50.00
Date of Energization (In Case of Electric Pump)		01/04/2021	
Maximum Allowable Rate of Withdrawal (m ³ /hr.):	50.00	Maximum Allowable Running Hours Per Day:	7.00
Maximum Allowable Annual Extraction of Ground Water:			119000.00
Reason for renewal of N.O.C. एन.ओ.सी. के नवीनीकरण का कारण	Our existing NOC will be expired on 10/6/2021. Therefore, we are applying for renewal of NOC.		
Against Case			

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (3) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

Conditions

- (1) In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization.
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S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
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- The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter up to two decimals.
- For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
- The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
- All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
- The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt. capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.
- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site-specific requirement regarding safety and access for measurement may be taken care of.
- (11) Any other condition(s) that may be imposed by the concerned Authority.
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 - (A) **For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
 - i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
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 - iii) All industries abstracting ground water in excess of 100 m³/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department, Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
 - iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m³/day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP
 - v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
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 - vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
 - (B) **Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
 - i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
 - ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m³ /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date :10/02/2022
Place:Kanpur Dehat

This certificate is electronically generated and does not require digital signature

Annexure-5

Environmental Monitoring Reports.



ENVIRONMENTAL AND TECHNICAL RESEARCH CENTRE

Office & Laboratory : 2/261, Vishwas Khand, Gomti Nagar, Lucknow - 226 010 (U.P.)

Email : ETRCLTH@YAHOO.IN, Web.: www.etrclth.com

(ISO 9001:2015, ISO 45001:2018 (OH&S) ISO 14001:2015)

An approved laboratory from Ministry of Environment, Forest and Climate change, Govt. of India under EPA 1986

ETRC/PM09/TEST-REP/FT/42

TEST REPORT AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1709/13544/2024		Date of Report: 17.09.2024	
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)	
Monitored by		ETRC, Lucknow	
Location of Sampling points		Near Construction Office	
Sr. No.	GENERAL OBSERVATIONS	DETAILS-PM ₁₀	DETAILS-PM _{2.5}
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	59	59
(d)	Average ambient temperature (°C)	27	27
(e)	Time of Sampling Started (Hours)	08:32 am (11/09/2024)	08:32 am (11/09/2024)
(f)	Time of Sampling completed (Hours)	08:16 am (12/09/2024)	08:16 am (12/09/2024)
(g)	Total time of sampling (minutes)	24 hour (1409 minutes)	24 hour (1409 minutes)
2	Average sampling rate for PM (m ³ /minute)	1.165	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	TOTAL VOLUME OF AIR SAMPLED		
	• PM (m ³)	• 1641.252	• 23.475
	• GAS (liter)	• 704.4	

TEST RESULT


Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/2009
1	Particulate matters size less than 10 µm (PM ₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	88.6	5.0 - 1200	For 24 hour =100
2	Particulate matters size less than 2.5 µm (PM _{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	56.23	2.0 - 500	For 24 hour =60
3	Sulphur Dioxide (SO ₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	14.56	5.0 - 1050	For 24 hour =80
4	Oxides of Nitrogen (NO _x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	22.08	6.0 - 750	For 24 hour =80

..... END OF REPORT.....

- ETRC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices and that this data reflects our best attempt to generate accurate results for the sample, mentioned in the report as above.
- The result relate only to the items tested.
- ETRC does not assume any liability for any claims or damages related to the quality of parameter analyzed in the results and/or the performance of the equipment constituting to the results.
- All disputes subject to Lucknow jurisdiction.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Complain register is available in our laboratory


Authorized Signatory
(Sandeep Kr Verma)
Lab-Incharge




Authorized Signatory
(Ritu Garg)
QM



ENVIRONMENTAL AND TECHNICAL RESEARCH CENTRE

Office & Laboratory : 2/261, Vishwas Khand, Gomti Nagar, Lucknow - 226 010 (U.P.)

Email : ETRCLTH@YAHOO.IN, Web.: www.etrclth.com

(ISO 9001:2015, ISO 45001:2018 (OH&S) ISO 14001:2015)

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ETRC/PM09/TEST-REP/FT/42

TEST REPORT AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1709/13545/2024		Date of Report: 17.09.2024	
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)	
Monitored by		ETRC, Lucknow	
Location of Sampling points		Adjacent to Swadishth Oil Mill	
Sr. No.	GENERAL OBSERVATIONS	DETAILS-PM ₁₀	DETAILS-PM _{2.5}
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	59	59
(d)	Average ambient temperature (°C)	27	27
(e)	Time of Sampling Started (Hours)	08:32 am (11/09/2024)	08:32 am (11/09/2024)
(f)	Time of Sampling completed (Hours)	08:16 am (12/09/2024)	08:16 am (12/09/2024)
(g)	Total time of sampling (minutes)	24 hour (1409 minutes)	24 hour (1409 minutes)
2	Average sampling rate for PM (m ³ /minute)	1.165	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	TOTAL VOLUME OF AIR SAMPLED <ul style="list-style-type: none">PM (m³)GAS (liter)	<ul style="list-style-type: none">1641.951704.7	<ul style="list-style-type: none">23.482

TEST RESULT

Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/2009
1	Particulate matters size less than 10 µm (PM ₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	81.5	5.0 - 1200	For 24 hour =100
2	Particulate matters size less than 2.5 µm (PM _{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	50.68	2.0 - 500	For 24 hour =60
3	Sulphur Dioxide (SO ₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	13.42	5.0 - 1050	For 24 hour =80
4	Oxides of Nitrogen (NO _x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	20.55	6.0 - 750	For 24 hour =80

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(Sandeep Kr Verma)
Lab-Incharge



Authorized Signatory
(Ritu Garg)
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ETRC/PM09/TEST-REP/FT/42

TEST REPORT AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1709/13914/2024		Date of Report: 17.09.2024	
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)	
Monitored by		ETRC, Lucknow	
Location of Sampling points		Near Village: Chiraura	
Sr. No.	GENERAL OBSERVATIONS	DETAILS-PM ₁₀	DETAILS-PM _{2.5}
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	59	59
(d)	Average ambient temperature (°C)	27	27
(e)	Time of Sampling Started (Hours)	08:43 am (11/09/2024)	08:43 am (11/09/2024)
(f)	Time of Sampling completed (Hours)	08:24 am (12/09/2024)	08:24 am (12/09/2024)
(g)	Total time of sampling (minutes)	24 hour (1412 minutes)	24 hour (1412 minutes)
2	Average sampling rate for PM (m ³ /minute)	1.160	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	TOTAL VOLUME OF AIR SAMPLED <ul style="list-style-type: none">PM (m³)GAS (liter)	<ul style="list-style-type: none">1638.384706.2	<ul style="list-style-type: none">23.526

TEST RESULT

Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/2009
1	Particulate matters size less than 10 µm (PM ₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	76.8	5.0 - 1200	For 24 hour =100
2	Particulate matters size less than 2.5 µm (PM _{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	46.33	2.0 - 500	For 24 hour =60
3	Sulphur Dioxide (SO ₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	12.84	5.0 - 1050	For 24 hour =80
4	Oxides of Nitrogen (NO _x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	18.69	6.0 - 750	For 24 hour =80

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ETRC/PM09/TEST-REP/FT/42

TEST REPORT AMBIENT AIR QUALITY MONITORING REPORT

Test Report Ref No.: ETRC/1709/13915/2024		Date of Report: 17.09.2024	
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)	
Monitored by		ETRC, Lucknow	
Location of Sampling points		Near Village: Bisayakpur	
Sr. No.	GENERAL OBSERVATIONS	DETAILS-PM ₁₀	DETAILS-PM _{2.5}
1(a)	Weather conditions	Clear	Clear
(b)	Wind direction	West to East	West to East
(c)	Average humidity (%)	59	59
(d)	Average ambient temperature (°C)	27	27
(e)	Time of Sampling Started (Hours)	08:52 am (11/09/2024)	08:52 am (11/09/2024)
(f)	Time of Sampling completed (Hours)	08:36 am (12/09/2024)	08:36 am (12/09/2024)
(g)	Total time of sampling (minutes)	24 hour (1411 minutes)	24 hour (1411 minutes)
2	Average sampling rate for PM (m ³ /minute)	1.180	NA
3	Average sampling rate for gas (LPM)	0.5	NA
4	TOTAL VOLUME OF AIR SAMPLED <ul style="list-style-type: none">PM (m³)GAS (liter)	<ul style="list-style-type: none">1664.508705.3	<ul style="list-style-type: none">23.503

TEST RESULT

Sr. No.	Particulars	Protocol	Unit	Result	Range of testing /limit of detection	Standard as per NAAQS; dated 18/11/2009
1	Particulate matters size less than 10 µm (PM ₁₀)	IS: 5182 (Part-23): 2006 Reaffirmed: 2022	µg/m ³	78.2	5.0 - 1200	For 24 hour =100
2	Particulate matters size less than 2.5 µm (PM _{2.5})	IS: 5182 (Part-24): 2019	µg/m ³	47.65	2.0 - 500	For 24 hour =60
3	Sulphur Dioxide (SO ₂)	IS: 5182 (Part-02): 2001 Reaffirmed: 2022	µg/m ³	13.08	5.0 - 1050	For 24 hour =80
4	Oxides of Nitrogen (NO _x)	IS: 5182 (Part-06): 2006 Reaffirmed: 2022	µg/m ³	18.26	6.0 - 750	For 24 hour =80

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ETRC/PM09/TEST-REP/FT/43

TEST REPORT STACK EMISSION MONITORING AND ANALYSIS REPORT

Test Report Ref No.: ETRC/1709/13546/2024		Date of Report: 17.09.2024	
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)	
Monitored by		ETRC, Lucknow	
Sr. No.	GENERAL INFORMATION	DETAILS	
1.(a)	Date of monitoring	11.09.2024	
(b)	Stack material	RCC	
(c)	Height of stack from ground level	55.0 mts	
(d)	Source to which stack attached	Boiler	
(e)	No of boiler attached with capacity	01 No. (40.0 TPH)	
(f)	Type and quantity of fuel used	Coal	
(g)	Details of APCS installed	ESP	
2.	PARAMETERS	VALUES	
(a)	Ambient temperature (°C)	30.0	
(b)	Stack gas temperature (°C)	136.0	
(c)	Stack gas velocity (m/sec)	11.92	
(d)	Flow rate (LPM)	17	
(e)	Sampling time (minutes)	60	
(f)	Volume of air sampled (liters)	1020	

TEST RESULT

Sr. No.	Parameter	Unit	Protocol	Result	Range of Testing / Limit of Detection	Standard (as per CPCB)
1	Particulate Matter	mg/Nm ³	IS: 11255 (Part-1): 1985 Reaffirmed: 2019	43.20	2.0 - 1000	150

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TEST REPORT STACK EMISSION MONITORING AND ANALYSIS REPORT

Test Report Ref No.: ETRC/1709/13547/2024		Date of Report: 17.09.2024
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)
Monitored by		ETRC, Lucknow
Sr. No.	GENERAL INFORMATION	DETAILS - (D G Set - 1)
1. (a)	Date of monitoring	12.09.2024
(b)	Stack material	Mild Steel
(c)	Height of stack from ground level	6.5 meter above roof top
(d)	Source to which stack attached	D.G. SET
(e)	No. and capacity of source	1 No., 1010.0 KVA
(f)	Type of fuel used	HSD
(g)	Details of APCS installed	-
2.	PARAMETERS	VALUES
(a)	Ambient temperature (°C)	30.0
(b)	Stack gas temperature (°C)	152
(c)	Stack gas velocity (m/sec)	8.91
(d)	Flow rate (m ³ /sec) for SPM	0.25
(e)	Sampling time (minutes) for SPM	60 minutes
(f)	Load	3318 Amp/ 730 kW

TEST RESULT

Sr. No.	Parameter	Unit	Protocol	Result	Standards as per CPCB
1	Particulate Matter (PM) (at 15% O ₂)	mg/Nm ³	IS: 11255 (Part-01): 1985 Reaffirmed: 2019	29.36	75
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS: 11255 (Part-02): 1985 Reaffirmed: 2019	24.10	-
3	Oxides of Nitrogen (NO _x) (at 15% O ₂)	ppmv	IS: 11255 (Part-07): 2005 Reaffirmed: 2022	138.0	710
4	Non-Methane Hydrocarbon (NMHC) (at 15% O ₂)	mg/Nm ³	By G. C.	24.8	100
5	Carbon monoxide (at 15% O ₂)	mg/Nm ³	ETRC/LABSOPA/13	39.6	150

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TEST REPORT STACK EMISSION MONITORING AND ANALYSIS REPORT

Test Report Ref No.: ETRC/1709/13548/2024		Date of Report: 17.09.2024
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)
Monitored by		ETRC, Lucknow
Sr. No.	GENERAL INFORMATION	DETAILS (D G Set - 2)
1.(a)	Date of monitoring	12.09.2024
(b)	Stack material	Mild Steel
(c)	Height of stack from ground level	6.5 meter above roof top
(d)	Source to which stack attached	DG SET
(e)	No. and capacity of source	1 No., 500.0 KVA
(f)	Type of fuel used	HSD
(g)	Details of APCS installed	-
2.	PARAMETERS	VALUES
(a)	Ambient temperature (°C)	29.0
(b)	Stack gas temperature (°C)	152
(c)	Stack gas velocity (m/sec)	8.91
(d)	Flow rate (m ³ /sec) for SPM	0.25
(e)	Sampling time (minutes) for SPM	60 minutes
(f)	Load	1614 Amp/ 355 kW

TEST RESULT

Sr. No.	Parameter	Unit	Protocol	Result	Standards as per CPCB
1	Particulate Matter (PM)	g/kW-hr	IS: 11255 (Part-01): 1985 Reaffirmed: 2019	0.089	0.2
2	Sulphur Dioxide (SO ₂)	g/kW-hr	IS: 11255 (Part-02): 1985 Reaffirmed: 2019	0.075	-
3	Oxides of Nitrogen (NO _x)	g/kW-hr	IS: 11255 (Part-07): 2005 Reaffirmed: 2022	0.35	4.0 (NO _x + NMHC)
4	Non-Methane Hydrocarbon (NMHC)	g/kW-hr	By G. C.	0.059	
5	Carbon Monoxide	g/kW-hr	ETRC/LABSOPA/13	0.42	3.5

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ETRC/PM09/TEST-REP/FT/44

TEST REPORT

AMBIENT NOISE MONITORING AND ANALYSIS REPORT

Test Report Ref No.: ETRC/1709/13549/2024		Date of Report: 17.09.2024
Name/Address/Type of Industry		Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)
Monitored by		ETRC, Lucknow
Sr. No.	GENERAL INFORMATION	DETAILS
(a)	Date of monitoring	11/09/2024 (06:00 AM) to 12/09/2024 (06:00 AM)
(b)	Sample Description	Ambient Noise
(c)	Sampling Location	Near Project Site
(d)	Environmental Condition	Normal
(e)	Monitoring Protocol	IS: 9989: 1981, Reaffirmed: 2020

TEST RESULT

Ambient Noise Level				
Sr. No.	Parameter	Unit	Results Day Time (06:00 AM - 10:00 PM)	Results Night Time (10:00 PM - 06:00 AM)
1	Equivalent sound level	dB(A)	60.46	48.96

Noise Standards as per CPCB Schedule rule 3(1) and 4(1)			
Area Code	Category of Area/Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

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ETRC/PM09/TEST-REP/FT/45

TEST REPORT WATER & WASTE WATER ANALYSIS

Test Report Ref No. ETRC/EPA/10979/2024	Date of Report: 30.04.2024
Name /Address/Type of Industry	M/s Aarti Distilleries Private Limited Bottling Division Village: Chiraura, Post: Raipur (Kukhat) Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	Bisayakpur	6	Sample Collected By	Industry Self
3	Sample received date	24.04.2024	7	Analysis Start Date	24.04.2024
4	Sample Quantity	5.0 liters	8	Analysis End Date	29.04.2024

TEST RESULT

Sr. No	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	Colour	Hazen	IS: 3025 (Part-04): 2021	<5.0	5 - 30	5	15
2	Odour	-	IS: 3025 (Part-05): 2018	Agreeable	Qualitative	Agreeable	Agreeable
3	pH	-	APHA 24 th Ed. 2023 - 4500 H ⁺	7.4	1 - 14	6.5-8.5	No Relaxation
4	Turbidity	NTU	APHA 24 th Ed. 2023 - 2130 B	BDL	2 - 40	1	5
5	Electrical Conductivity	µs/cm	APHA 24 th Ed. 2023 - 2552 A+B	572	1 - 40000	-	-
6	Total Dissolved Solids (TDS)	mg/l	IS: 3025 (Part-16): 2023	324.4	10 - 5000	500	2000
7	Ammonia (as total ammonia-N)	mg/l	APHA 24 th Ed. 2023 - 4500-NH ₃ F	BDL	0.5 - 10	0.5	No Relaxation
8	Anionic Detergents (as MBAS)	mg/l	APHA 24 th Ed. 2023 - 5540 C	BDL	0.05 - 0.5	0.2	1.0
9	Calcium as Ca	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	57.6	2.0 - 600	75	200
10	Magnesium as Mg	mg/l	APHA 24 th Ed. 2023 - 3500 Mg, B	20.41	0.1 - 400	30	100
11	Chloride as Cl	mg/l	APHA 24 th Ed. 2023 - 4500-Cl ⁻ B	28.0	2.0 - 2000	250	1000
12	Fluoride as F	mg/l	APHA 24 th Ed. 2023 - 4500 F ⁻ C	0.28	0.02 - 5.0	1.0	1.5
13	Free Residual Chlorine	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	BDL	0.1 - 5.0	0.2	1.0
14	Nitrate as NO ₃	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	BDL	1.0 - 70	45	No Relaxation
15	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	APHA 24 th Ed. 2023 - 5530 C	BDL	0.001-0.005	0.001	0.002
16	Sulphate as SO ₄	mg/l	APHA 24 th Ed. 2023 - 4500- SO ₄ ²⁻	28.0	1.0 - 500	200	400
17	Alkalinity as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2320 B	252.0	2.0 - 1000	200	600
18	Total Hardness as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2340 C	228.0	5.0 - 800	200	600
19	Aluminium as Al	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.015 - 5.0	0.03	0.2
20	Boron as B	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.05 - 2.0	0.5	1.0
21	Copper as Cu	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.03 - 10	0.05	1.5



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Test Report Ref No. ETRC/EPA/10979/2024

22	Iron as Fe	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.14	0.05 - 20	0.3	No Relaxation
23	Manganese as Mn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.03	0.02 - 5.0	0.1	0.3
24	Zinc as Zn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.19	0.05 - 15	5	15
25	Cadmium as Cd	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.003 - 2.0	0.003	No Relaxation
26	Lead as Pb	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.01 - 10	0.01	No Relaxation
27	Mercury as Hg	µg/l	APHA 24 th Ed. 2023 - 3112 B	BDL	0.5 - 1000	1.0	No Relaxation
28	Nickel as Ni	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.02 - 5.0	0.02	No Relaxation
29	Arsenic as As	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.02 - 2.0	0.01	0.05
30	Total Chromium	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
31	E. coli	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	
32	T. coli	MPN/ 100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	

BDL=Below Detection Limit

..... END OF REPORT.....

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Authorized Signatory
(Sandeep Kr Verma)
Lab-Incharge



Authorized Signatory
(Ritu Garg)
QM



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TC-5469

ETRC/PM09/TEST-REP/FT/45

TEST REPORT WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/GW/6109/2024	Date of Report: 23.07.2024
Name /Address/Type of Industry	M/s Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	Borewell Water	6	Sample Collected By	Industry self
3	Sample received date	15.07.2024	7	Analysis Start Date	15.07.2024
4	Sample Quantity	5.0 liters	8	Analysis End Date	22.07.2024

TEST RESULT

Sr. No.	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
1	Colour	Hazen	IS: 3025 (Part-04): 2021	<5.0	5 - 30	5	15
2	Odour	-	IS: 3025 (Part-05): 2018	Agreeable	Qualitative	Agreeable	Agreeable
3	pH	-	APHA 24 th Ed. 2023-4500 H ⁺	8.0	1 - 14	6.5 - 8.5	No Relaxation
4	Turbidity	NTU	APHA 24 th Ed. 2023-2130 B	BDL	2 - 40	1	5
5	Total Dissolved Solids (TDS)	mg/l	IS: 3025 (Part-16): 2023	468.0	10 - 5000	500	2000
6	Calcium as Ca	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	20.84	2.0 - 600	75	200
7	Magnesium as Mg	mg/l	APHA 24 th Ed. 2023-3500 Mg, B	12.63	0.1 - 200	30	100
8	Chloride as Cl	mg/l	APHA 24 th Ed. 2023-4500-Cl ⁻ B	126.13	2.0 - 2000	250	1000
9	Fluoride as F	mg/l	APHA 24 th Ed. 2023-4500 F ⁻ C	0.34	0.02 - 5.0	1.0	1.5
10	Sulphate as SO ₄	mg/l	APHA 24 th Ed. 2023-4500-SO ₄ ²⁻ E	60.05	1.0 - 500	200	400
11	Nitrate as NO ₃	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	2.722	1.0 - 70	45	No Relaxation
12	Alkalinity as CaCO ₃	mg/l	APHA 24 th Ed. 2023-2320 B	300.0	2.0 - 1000	200	600
13	Total Hardness as CaCO ₃	mg/l	APHA 24 th Ed. 2023-2340 C	104.0	5.0 - 800	200	600
14	Copper as Cu	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	BDL	0.03 - 10	0.05	1.5
15	Iron as Fe	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	0.0792	0.05 - 20	0.3	No Relaxation
16	Manganese as Mn	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	BDL	0.02 - 5.0	0.1	0.3
17	Zinc as Zn	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	0.65	0.05 - 15	5	15



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TC-5469

Test Report Ref No.: ETRC/GW/6109/2024

18	Cadmium as Cd	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	BDL	0.003 - 2.0	0.003	No Relaxation
19	Lead as Pb	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	BDL	0.01 - 10	0.01	No Relaxation
20	Total Chromium	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	BDL	0.03 - 5.0	0.05	No Relaxation
21	Nickel as Ni	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	BDL	0.02 - 5.0	0.02	No Relaxation
22	Arsenic as As	mg/l	APHA 24 th Ed. 2023-3120 B (ICP-OES)	BDL	0.02 - 2.0	0.01	0.05


BDL=Below Detection Limit

..... END OF REPORT.....

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ETRC/PM09/TEST-REP/FT/45

TEST REPORT WATER & WASTE WATER ANALYSIS

Test Report Ref No.: ETRC/1709/13550/2024	Date of Report: 17.09.2024
Name/Address/Type of Industry	Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)

SAMPLE DETAILS

1	Water/ Waste Water	Ground Water	5	Packing Condition	Sealed
2	Sample Description	Borewell	6	Sample Collected By	ETRC
3	Sample received date	12.09.2024	7	Analysis Start Date	12.09.2024
4	Sample Quantity	5.0 liters	8	Analysis End Date	16.09.2024

TEST RESULT

Sr. No.	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection	Indian Standard 10500: 2012	
						Desirable	Permissible
Physico-chemical Parameters							
1	Colour	Hazen	IS: 3025 (Part-04): 2021	<5.0	5 - 30	5	15
2	Odour	-	IS: 3025 (Part-05): 2018	Agreeable	Qualitative	Agreeable	Agreeable
3	pH	-	APHA 24 th Ed. 2023 - 4500 H ⁺	7.4	1 - 14	6.5-8.5	No Relaxation
4	Turbidity	NTU	APHA 24 th Ed. 2023 - 2130 B	BDL	2 - 40	1	5
5	Total Dissolved Solids (TDS)	mg/l	IS: 3025 (Part-16): 2023	390.4	10 - 5000	500	2000
6	Ammonia (as total ammonia-N)	mg/l	APHA 24 th Ed. 2023 - 4500-NH ₃ F	BDL	0.5 - 10	0.5	No Relaxation
7	Anionic Detergents (as MBAS)	mg/l	APHA 24 th Ed. 2023 - 5540 C	BDL	0.05 - 0.5	0.2	1.0
8	Calcium as Ca	mg/l	IS: 3025 (Part-40): 1991 Reaffirmed: 2019	51.2	2.0 - 600	75	200
9	Magnesium as Mg	mg/l	APHA 24 th Ed. 2023 - 3500 Mg, B	29.16	0.1 - 200	30	100
10	Chloride as Cl	mg/l	APHA 24 th Ed. 2023 - 4500-Cl ⁻ B	22.0	2.0 - 2000	250	1000
11	Fluoride as F	mg/l	APHA 24 th Ed. 2023 - 4500 F ⁻ C	0.43	0.02 - 5.0	1.0	1.5
12	Free Residual Chlorine	mg/l	IS: 3025 (Part-26): 1986 Reaffirmed: 2019	BDL	0.1 - 5.0	0.2	1.0
13	Nitrate as NO ₃	mg/l	IS: 3025 (Part-34): 1986 Reaffirmed: 2019	BDL	1.0 - 70	45	No Relaxation
14	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	APHA 24 th Ed. 2023 - 5530 C	BDL	0.001-0.005	0.001	0.002
15	Sulphate as SO ₄	mg/l	APHA 24 th Ed. 2023 - 4500- SO ₄ ²⁻	26.0	1.0 - 500	200	400
16	Alkalinity as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2320 B	272.0	2.0 - 1000	200	600
17	Total Hardness as CaCO ₃	mg/l	APHA 24 th Ed. 2023 - 2340 C	248.0	5.0 - 800	200	600
18	Aluminium as Al	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.015 - 5.0	0.03	0.2
19	Boron as B	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.05 - 2.0	0.5	1.0
20	Copper as Cu	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.03 - 10	0.05	1.5
21	Iron as Fe	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.10	0.05 - 20	0.3	No Relaxation
22	Manganese as Mn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.03	0.02 - 5.0	0.1	0.3



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Test Report Ref No.: ETRC/1709/13550/2024

23	Zinc as Zn	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	0.47	0.05 - 15	5	15
24	Cadmium as Cd	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.003 - 2.0	0.003	No Relaxation
25	Lead as Pb	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.01 - 10	0.01	No Relaxation
26	Mercury as Hg	µg/l	APHA 24 th Ed. 2023 - 3112 B	BDL	0.5 - 1000	1.0	No Relaxation
27	Nickel as Ni	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.02 - 5.0	0.02	No Relaxation
28	Arsenic as As	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.02 - 2.0	0.01	0.05
29	Total Chromium	mg/l	APHA 24 th Ed. 2023 - 3120 B (ICP-OES)	BDL	0.03 - 5.0	0.05	No Relaxation
Microbiological Parameters							
30	E. coli	MPN/100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	
31	T. coli	MPN/100 ml	IS: 1622 - 1981 Reaffirmed: 2019	Absent	1.8 - 1600	Shall not be detected in any 100 ml sample	


BDL=Below Detection Limit

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ETRC/PM09/TEST-REP/FT/46

TEST REPORT SOIL ANALYSIS

Test Report Ref No.: ETRC/1709/13551/2024	Date of Report: 17.09.2024
Name/Address/Type of Industry	Aarti Distilleries Private Limited Village: Chiraura, Tehsil: Akbarpur District: Kanpur Dehat (Uttar Pradesh)

SAMPLE DETAILS

1	Sampling Location	Project Site	5	Packing Condition	Sealed
2	Sample Description	Soil Sample	6	Sample Collected By	ETRC
3	Sample received date	12.09.2024	7	Analysis Start Date	12.09.2024
4	Sample Quantity	1.0 kg	8	Analysis End Date	16.09.2024

TEST RESULT

Sr. No.	Test Parameter	Unit	Protocol/Test Method	Result	Range of testing /limit of detection
1	pH	-	IS: 2720 (Part-26): 1987 Reaffirmed: 2021	7.3	1 - 14
2	Electrical Conductivity	µs/cm	IS: 14767: 2000 Reaffirmed: 2021	310.8	1.0 - 40000
3	Moisture Contents	%	IS: 2720 (Part-02): 1973 Reaffirmed: 2020	2.98	1.0 - 50
4	Copper as Cu	mg/kg	Method Manual of Soil Testing in India	0.44	0.3 - 500
5	Zinc as Zn	mg/kg	Method Manual of Soil Testing in India	14.26	1.0 - 500
6	Iron as Fe	mg/kg	Method Manual of Soil Testing in India	224.0	5.0 - 500
7	Manganese as Mn	mg/kg	Method Manual of Soil Testing in India	47.2	5.0 - 500
8	Sulphur	mg/kg	IS: 14685: 1999 Reaffirmed: 2019	13.0	5.0 - 100

Method Manual of Soil Testing in India (Department of Agriculture and Corporation Ministry of Agriculture, Government of India), 4.6.3 (16b): 2022

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Annexure-6

Green Belt photographs





















Annexure-7

Online Monitoring System Photographs









valbia

Via Industriale 30, Lumezzane SS (BS) Italy
www.valbia.it



II 2 G/D c T6
file n. A0303

CODE **82SR0012** TYPE **SR 63 S.05** YEAR **2021**
WORKING PRESS **8 Bar Max** WORKING TEMP. **-20°C + 85°C**
VALVE ACT. ATTACHMENT **F05 F07 Q14** BATCH N. **38 DB**

PATENTED - For maintenance refer to instructions manual

FORBES
MARSHALL



Forbes Marshall Pvt Ltd.

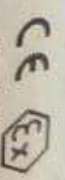
Industrial Area
Forbes Marshall, Chakan
B-85, Phasell, Tal Khed,
Sawardari, Chakan,
Dist Pune - 410501

SR NO. FMDCEM21XX - 22029 TRX1

Made In India



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www.valbia.it



11 2 Q/D c T 6
file n. A0303

CODE **82SR0012** TYPE **SR 63 S.I.5** YEAR **2021**

WORKING PRESS **8 Bar Max** WORKING TEMP. **-20°C+ 85°C**

VALVE ACT. ATTACHMENT **F05 F07 Q14** BATCH N. **34 DB**

PATENTED - For maintenance refer to instructions manual

Annexure-8

Rain Water Harvesting Structure Photographs











REDMI NOTE 5 PRO
MI DUAL CAMERA



REDMI NOTE 5 PRO
MI DUAL CAMERA



REDMI NOTE 5 PRO
MI DUAL CAMERA















REDMI NOTE 5 PRO
MI DUAL CAMERA



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Annexure-9

Published Information (In Newspapers)

Refrain from being nasty towards Smriti Irani: Rahul to people

New Delhi: Leader of Opposition in the Lok Sabha Rahul Gandhi on Friday urged people to refrain from using derogatory language and being nasty towards former Union minister Smriti Irani or any other leader.

His remarks come amid some people taking digs at Irani after she vacated her official bungalow following her defeat in the Lok Sabha polls to Congress' Kishori Lal Sharma in Uttar Pradesh's Amethi.

"Winning and losing happen in life. I urge everyone to refrain from using derogatory language and being nasty towards Smt. Smriti Irani or any other leader for that matter," Gandhi said on X.

"Humiliating and insulting people is a sign of weakness, not strength," the former Con-



Congress MP Rahul Gandhi said winning & lossing are part of life

ting out a disingenuous message after "unleashing" Congress leaders like "a pack of wolves" on her. Mavliya said on X, "This is the most disingenuous message, ever. After unleashing Congress leaders, like a pack of wolves, on the woman who defeated him in Amethi and smashed his arrogance to smithereens, this is rich. All this gibberish doesn't take away from the fact

'Satyamev Jayate', asserts AAP after court grants interim bail to Delhi CM

New Delhi: The AAP on Friday described the Supreme Court order granting interim bail to Delhi Chief Minister Arvind Kejriwal in the ED's money laundering case linked to the alleged excise policy scam as a "Satyamev Jayate" and "defeat of the BJP's conspiracy" against him. The BJP, however, said the Supreme Court order was not a victory for the Aam Aadmi Party (AAP) as the court has put its "seal of approval" on Kejriwal being guilty in the excise policy case. PTI

आरती डिस्टिलरीस प्राइवेट लिमिटेड

ग्राम-चिरौरा, तहसील-अकबरपुर, कानपुर देहात
सार्वजनिक सूचना

आप सभी को सूचित किया जाता है कि पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय (राज्य पर्यावरण प्रभाव, आकलन प्राधिकरण उत्तर प्रदेश) द्वारा मैसर्स आरती डिस्टिलरीस प्राइवेट लिमिटेड, ग्राम-चिरौरा, तहसील-अकबरपुर, कानपुर देहात - 209304, को ई.सी. पहचान सं. EC24B022UP143035 दिनांक 10.02.2024 के द्वारा EIA नोटिफिकेशन, 2006, के पैरा 7(ii) (a) के अंतर्गत अनाज आधारित डिस्टिलरी की क्षमता 150 कि.ली. प्रतिदिन से बढ़ाकर 180 कि.ली. तथा को-जेनरेशन पावर प्लांट 4.50 MW से बढ़ाकर 6.00 MW किए जाने की पर्यावरण स्वीकृति प्रदान की गई है। पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, (राज्य पर्यावरण प्रभाव, आकलन प्राधिकरण उत्तर प्रदेश) द्वारा जारी पर्यावरण स्वीकृति की प्रति विभाग की वेबसाइट <http://www.seiaaup.in/> एवं उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड के पास उपलब्ध है।

मैसर्स आरती डिस्टिलरीस प्राइवेट लिमिटेड

ग्राम-चिरौरा, तहसील-अकबरपुर, कानपुर देहात, उत्तर प्रदेश - 209304

ATIA EYE+ Enterprise

रहें। जनता के जो भी जायज काम हैं वह रुकने नहीं चाहिए। विपक्ष द्वारा फैलाए जा रहे भ्रम व अफवाहों से खुद सतर्क रहते हुए जनता को भी जागरूक

कार्रवाई की जा रही है। जो भी सरकार की मंशा के मुताबिक जनता से जुड़े कामों में लापरवाह रहेगा उसके खिलाफ कार्रवाई तय है। इस बैठक में मंत्री योगेंद्र

थे। बताया जाता है कि विधायकों में श्रीकांत शर्मा, मनीष असीजा, चौ. बाबूलाल बैठक में नहीं थे। मंत्री जयवीर सिंह भी नहीं पहुंच सके थे।

कार्यक्रमों व रणनीतियों पर चर्चा होगी। भाजपा अध्यक्ष जेपी नट्टा, मुख्यमंत्री योगी, दोनों उप मुख्यमंत्री प्रमुख रूप से संबोधित करेंगे।

ऐम्स के लागू होने के पहले कम रहा। आठ जुलाई फ्रीसदी शिक्षकों ने ऑनलाइन दर्ज की थी।

YASHRAJ COLLEGES
Mandhana, Tatiyaganj, Kanpur Nagar-209217
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Admission Open

B.Pharm - C.U.E.T. entrance candidate can apply on Dr APJ University Code-1140/Direct Admission

D.Pharm - Jeecup entrance candidate can apply on Code-3031

Mob.: 8953868282, 9389963045

रिटायर अभियंताओं पर विजिलेंस का केस

लखनऊ, विशेष संवाददाता। उत्तर प्रदेश जल निगम की कार्यदायी संस्था सीएंडडीएस के दो सेवानिवृत्त अभियंताओं के विरुद्ध आय से संपत्ति अर्जित करने के मामले में मुकदमा दर्ज किया गया है।

यह मुकदमा गुरुवार को देर शाम को दर्ज किया। विजिलेंस की जांच में पता चला कि वर्मा ने जांच के लिए निर्धारित अवधि में अपनी आय के

सभी स्रोतों से कुल 1 करोड़ 36 लाख 57 हजार 448 रुपये की आय अर्जित की। इसके विपरीत इसी अवधि में उन्होंने परिसंपत्तियों की खरीद और अपने परिवार के भरण-पोषण में 3 करोड़ 98 लाख 86 हजार 394 रुपये खर्च किया। इसी तरह शासन के सतर्कता विभाग ने विजिलेंस को 12 जून 2020 को तत्कालीन अधीक्षण अभियंता जेपी मणि के विरुद्ध खुली

जांच के आदेश दिए। जांच में पता चला कि मणि ने निर्धारित अवधि में अपनी आय के सभी वैध स्रोतों से 1 करोड़ 37 लाख 82 हजार 197 रुपये की आय अर्जित की। इसके विपरीत इसी अवधि में उन्होंने परिसंपत्तियों की खरीद और अपने परिवार के भरण-पोषण में 5 करोड़ 84 लाख 15 हजार 630 रुपये खर्च किया।

यूपी में 20 उधे का रास्ता साफ

लखनऊ। यूपी में एक स औद्योगिक परियोजनाओं करोड़ रुपये की निवेश पत्र का रास्ता साफ हो गया है। ये ने इन 20 निवेशक कंपनियों उद्योग के बदले रियायतें के लेटर ऑफ कंपर्ट जारी कि सर्वाधिक निवेश परियोजना की हैं।

आरती डिस्टिलरीस प्राइवेट लिमिटेड

ग्राम-चिरौरा, तहसील-अकबरपुर, कानपुर देहात
सार्वजनिक सूचना

आप सभी को सूचित किया जाता है कि पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय (राज्य पर्यावरण प्रभाव, आकलन प्राधिकरण उत्तर प्रदेश) द्वारा मैसर्स आरती डिस्टिलरीस प्राइवेट लिमिटेड, ग्राम-चिरौरा, तहसील-अकबरपुर, कानपुर देहात - 209304, को ई.सी. पहचान सं. EC24B022UP143035 दिनांक 10.02.2024 के द्वारा EIA नोटिफिकेशन, 2006, के पैरा 7(ii) (a) के अंतर्गत अनाज आधारित डिस्टिलरी की क्षमता 150 कि.ली. प्रतिदिन से बढ़ाकर 180 कि.ली. तथा को-जेनरेशन पावर प्लांट 4.50 MW से बढ़ाकर 6.00 MW किए जाने की पर्यावरण स्वीकृति प्रदान की गई है। पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, (राज्य पर्यावरण प्रभाव, आकलन प्राधिकरण उत्तर प्रदेश) द्वारा जारी पर्यावरण स्वीकृति की प्रति विभाग की वेबसाइट <http://www.seiaaup.in/> एवं उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड के पास उपलब्ध है।

मैसर्स आरती डिस्टिलरीस प्राइवेट लिमिटेड

ग्राम-चिरौरा, तहसील-अकबरपुर, कानपुर देहात, उत्तर प्रदेश - 209304

मोती सिंह के वायरल वीडियो पर सियास

अखिलेश ने भाजपा पर साधा निशाना

लखनऊ। यूपी के पूर्व मंत्री मोती सिंह द्वारा अपनी सरकार को घेरने पर सपा प्रमुख अखिलेश यादव ने शुक्रवार को सोशल मीडिया पर कहा कि भाजपा राज में 'तहसील और थाने के अभूतपूर्व रिकॉर्ड तोड़ भ्रष्टाचार' पर भाजपा के लोग ही जब प्रमाणपत्र बांट रहे हैं तो क्या इस 'अकल्पनीय' भाजपाई भ्रष्टाचार पर कार्रवाई करने के लिए और कुछ सबूत अब देखते हैं बुलडोजर किंस और मुड़ता है। वहीं एक अन्य बयान में सपा अ. कहा भाजपा सरकार का बजट सुझाव पर नहीं कुछ लोगों के निर्देश पर बनत

प्रतापगढ़, संवाददाता। प्रदेश सरकार में मंत्री रहे भाजपा नेता मोती सिंह का एक वीडियो सोशल मीडिया पर वायरल हुआ है। वीडियो में उन्हें यह कहते हुए सुना जा रहा है कि हमें यह कहने में संकोच भी नहीं कि मेरे 42 वर्ष के राजनीतिक जीवन में तहसील और थानों का ऐसा भ्रष्टाचार न सोच सकते थे, न देख सकते थे वो अकल्पनीय है।

आप जा रहे हैं मोटरसाइकिल पकड़ ले रहा है, घर में आप एक बल्ब ज्यादा जला लिए तो एक थाना हमने खोल दिया आकर लुटेरे की तरह हमें लूट ले रहा है। धमकी दे रहा है, मुकदमा लिखा रहा है। हम अपराध न करें, अपराधी हो गए, कोई हम

हाथरस के बाबा हैं कि हम कह रहे हैं कि मेरे पैर की धूल ले लो और उसमें घटना हो जाए। यह वायरल वीडियो 11 जुलाई को पट्टी ब्लॉक सभागार में हुए मतदाता सम्मान समारोह का बताया जा रहा है। हालांकि हिन्दुस्तान इस वायरल वीडियो

की पुष्टि नहीं करता है। वीडियो को यह कहते सुना जा रहा है कि जुबानी करने से नहीं काम चलने इस वीडियो के बाबत पूर्व मंत्री से बात करने का प्रयास किया गया उनका फोन नहीं उठा।