

राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड

(भारत सरकार का उपक्रम)
साथ बढ़ें समृद्धि की ओर
नवरत्न कंपनी

1872



Rashtriya Chemicals and Fertilizers Limited

(Government of India Undertaking)
Let us grow together
A Navaratna Company

ISO 9001-2015, ISO 14001-2015, ISO-45000-2018, ISO 50001-2018 Compliant
थळ इकाई, थळ, तालुका अलिबाग, जिला रायगड, (महाराष्ट्र), पिन - ४०२ २०८
THAL UNIT, THAL, TALUKA ALIBAG, DIST. RAIGAD (MAHARASHTRA), PIN - 402 208
● फॅक्स : 02141-238206 / 238091 ● FAX : 02141-238206 / 238091
Website : www.rcfltd.com CIN L24110MH1978GOI020185

26.05.2026

RCF/TH/90/ENV/MOEF&CC/05/2026

To,
Additional Director,
Ministry of Environment & Forests, Climate Change,
Indira Paryavaran Bhavan, Aliganj, Jorbagh Road,
New Delhi - 110 003.

Sub: Submission of Six Monthly Compliance Report for the Period from October 2025-March 2026 for the Environmental clearance granted for Setting-up a New 1200 MTPD (DAP BASIS) Complex Fertilizer Plant at existing RCF facility Thal, Maharashtra.

Ref: 1) MOEF&CC File No: IA-J-11011/533/2021-IA-II(I) dated 02.01.2024. Environmental clearance granted for Setting-up a New 1200 MTPD (DAP BASIS) Complex Fertilizer Plant at existing RCF facility Thal, Maharashtra.

Dear Sir,

We submit herewith the compliance report for proposed Project titled "Setting-up a New 1200 MTPD (DAP BASIS) Complex Fertilizer Plant at existing RCF facility Thal, Maharashtra, issued by Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi, for the Period from October 2025-March 2026.

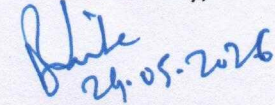
पंजीकृत कार्यालय : प्रियदर्शिनी, ईस्टर्न एक्सप्रेस हायवे, सायन, मुंबई - 400 022
REGD. OFFICE : PRIYADARSHINI, EASTERN EXPRESS HIGHWAY, SION, MUMBAI 400 022

हम हिन्दी में पत्राचार का स्वागत करते हैं।

Please find enclosed herewith point-wise compliance status of various stipulations with supporting documents.

Thanking You,

Yours faithfully,


(N.B. Hirde)

Executive Director (Thal)

RCF Thal Unit

Enclosures:

- 1) Monitoring Report Data Sheet.
- 2) Compliance Report Point Wise in tabular form

CC: MPCB, CPCB- for information please.

To,
Additional Director,
Ministry of Environment & Forests, and Climate Change
Indira Paryavaran Bhavan, Aliganj, Jorbagh Road,
New Delhi - 110 003.

राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड

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थळ इकाई, थळ, तालुका अलिबाग, जिला रायगड, (महाराष्ट्र), पिन - ४०२ २०८

THAL UNIT, THAL, TALUKA ALIBAG, DIST. RAIGAD (MAHARASHTRA), PIN - 402 208

● फ़ैक्स : 02141-238206 / 238091 ● FAX : 02141-238206 / 238091

Website : www.rcfild.com CIN L24110MH1978GOI020185

RCF/TH/ENV/MOEF&CC/05/2026

26.05.2026

To,

Director,
Ministry of Environment, Forests & Climate Change,
Regional Office, (WCZ), New Secretariat Building,
(Opposite Old VCA Stadium),
Ground Floor, East Wing, Civil Lines,
Nagpur - 440001. Maharashtra.

Sub: Submission of Six Monthly Compliance Report for the Period from October 2025-March 2026 for the Environmental clearance granted for Setting-up a New 1200 MTPD (DAP BASIS) Complex Fertilizer Plant at existing RCF facility Thal, Maharashtra.

Ref: 1) MOEF&CC File No: IA-J-11011/533/2021-IA-II(I) dated 02.01.2024. Environmental clearance granted for Setting-up a New 1200 MTPD (DAP BASIS) Complex Fertilizer Plant at existing RCF facility Thal, Maharashtra.

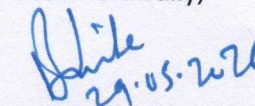
Dear Sir,

We submit herewith the compliance report for proposed Project titled "Setting-up a New 1200 MTPD (DAP BASIS) Complex Fertilizer Plant at existing RCF facility Thal, Maharashtra, issued by Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi, for the Period from October 2025-March 2026.

Please find enclosed herewith point-wise compliance status of various stipulations with supporting documents.

Thanking You,

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Hirde', with the date '29.05.2026' written below it.

(N.B. Hirde)

Executive Director (Thal)

RCF Thal Unit

Enclosures:

- 1) Monitoring Report Data Sheet.
- 2) Compliance Report Point Wise in tabular form

CC: MPCB, CPCB- for information please.

To,
Director,
Ministry of Environment, Forests & Climate Change,
Regional Office, (WCZ), New Secretariat Building,
(Opposite Old VCA Stadium),
Ground Floor, East Wing, Civil Lines,
Nagpur - 440001. Maharashtra.

26.05.2026

Subject- Environmental clearance for the Setting-up a New 1200 MTPD (DAP BASIS) Complex Fertilizer Plant at existing RCF facility Thal, Maharashtra by M/s Rashtriya Chemicals and Fertilizers Limited (RCF)

MOEF File No: IA-J-11011/533/2021-IA-II(I)

A) SPECIFIC EC CONDITIONS:

Sr. No.	CONDITIONS	COMPLIANCE
1 Page no.7 of 16	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	RCF agrees to comply with this condition.
2 Page no.7 of 16	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing water from MIDC. State Pollution Control Board shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.	NOC from concerned local authority is received. It will be submitted to State pollution control board during CTO application.
3 Page no.7 of 16	Cyclone separator followed by Pre-scrubber and scrubber will be provided to granulator. Cyclone separator followed by scrubber will be provided to dryer and screen. Bag filter followed by Wet scrubber will be provided to DAP/NPK product bagging section area. All the vents will be connected to tail gas scrubber packed column ht to meet emission standards for ammonia, PM and Fluorine. A stack 55-60 m. Height and 3 m dia. shall be attached to NPK plant. All critical plant parameters shall be indicated in central control panel in the plant control room. Suitable alarms shall be provided to warn the operators in case any critical control parameter goes beyond limits. An online stack monitoring instrument shall be installed and connected to levels. Interlock facility shall be provided.	Noted. RCF agrees to comply with this condition.
4 Page no.7 of 16	Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by SPCB.	Noted. RCF is regularly monitoring Fugitive emissions in the work zone environment. Reports attached

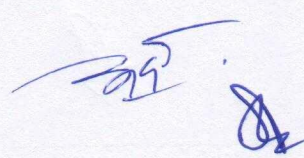
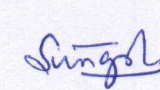
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5 Page no.7 of 16	Total fresh water requirement from MIDC water supply after expansion shall be reduced from 49150 m3/day to 44550 m3/day due to upgradation of ETP and recycling of treated water @ 5000 m3/day. Out of which, fresh water requirement for proposed NPK project shall not exceed 500 m3/day.	Treated effluent from ETP Upgradation is being recycled on commercial basis since 20.01.2025.
6 Page no.7 of 16	Proposed fertilizer production is based on the concept of total recycling of the entire liquid effluent and achieving zero liquid discharge from the plant. In the existing unit effluent generation is 8500 m3/day, which is treated in the ETP. After upgradation of ETP by providing tertiary treatment, treated effluent @ 5000 m3/day shall be recycled/reused. Thereafter, discharge of treated effluent to the marine outfall shall be reduced from 8500 m3/day to 5000 m3/day. Sewage shall be treated in the 480 m3/day capacity of sewage treatment plant. Monitoring of treated effluent viz. pH, flow, Ammonical Nitrogen is shall be transmitted online to MPCB and CPCB portal. The PP should submit the details of utilization to the Integrated Regional Office (IRO), MoEF&CC before 1st July of every year for the activities carried out during the previous year.	Noted. RCF is transmitting real time data of. pH, flow, Ammonical Nitrogen to MPCB and CPCB portal. RCF agrees to comply with condition.
7 Page no.8 of 16	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB servers. 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.	Noted. RCF has already installed Continuous online (24x7) monitoring system for existing stack, for measurement of flue gas discharge and the pollutants concentration and the data is transmitted to CPCB and MPCB server. RCF agrees to comply with this condition for proposed DAP/PNK plant.
8 Page no.8 of 16	The green belt of at least 10 m-15m width shall be developed in nearly 112 ha with tree density @ 2500 trees per hectares, mainly along the plant periphery. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt. Saplings 6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Greenbelt development shall be completed before commissioning of the plant. The budget earmarked for the plantation shall be kept in a separate account and should be audited annually. The PP shall annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.	RCF has already developed 112 ha green cover. During the year 2022-23, RCF planted 6941 saplings within the factory premises. This was informed to the MOEF&CC vide letter (RCF/NPK/EC/Corrigendum/01 dated 12/01/2024, for request to issue corrigendum against File No: IA-J-11011/533/2021-IA-II(I) dated 02.01.2024).

[Handwritten signatures]

9 Page no.8 of 16	The hazardous waste shall be managed and disposed as per the HWM Rules 2016. Hazardous waste such as Distillation Residue and incinerable waste shall be either sent to common incineration site or sent for coprocessing. PP shall develop temporary hazardous waste storage facility with lined floor along with covered shed with channel and pits to collect leachate for storage of sludge collected from the ETP tank. Hazardous waste shall not be kept in open or stored on land.	PP has developed temporary hazardous waste storage facility with RCC floor along with covered shed. Collected leachate is being recycled back to process.
10 Page no.8 of 16	Solid waste shall be segregated into dry and wet garbage at site in accordance to the Solid Waste Management Rules, 2016. Wet waste shall be converted into compost and used as manure for greenbelt development.	Shall be complied, action initiated.
11 Page no.8 of 16	A separate Environmental Management Cell (having qualified persons with Environmental Science / Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions by engaging Plant Head- Plant Manager (GM) – Environment officer air, water, waste, occupational, fire and safety Incharge- Technical team. In addition to this, one safety & health officer as per the qualification given in Factories Act, 1948 shall be engaged within a month of grant of EC. PP shall provide training annually to at least 20 local youths/college students for O & M of ETP, hazardous waste management, air pollution control device, greenbelt development etc. The PP should annually submit the audited statement of amount spent towards the engagement of qualified persons in EMC along with details of person engaged to the Regional Office of MoEF & CC before 1st July of every year for the activities carried out during the previous year.	RCF has conducted various awareness drives in surrounding villages and provided community awareness training program safety, Effluent plant operation, SUP awareness to villagers.
12 Page no.9 of 16	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP [25 Crore (Capital cost) and 2 Crore per Annum (Recurring cost)] shall be kept in a separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo-location date & time) and other document as applicable to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during the previous year.	RCF agrees to comply with this condition
13 Page no.9 of 16	The PP shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	This condition has been omitted vide Amendment letter received from MOEF&CC. (File No: IA-J-11011/533/2021-IA-II(I)) dated 19.04.2024.

14 Page no.9 of 16	The project proponent shall comply with the environment norms for Fertilizer Industry as notified by the Ministry of Environment, Forest and Climate Change, <i>vide</i> GSR 1607 (E), dated 29.12.2017 under the provisions of the Environment (Protection) Rules, 1986.	RCF agrees to comply with this condition.
15 Page no.9 of 16	All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The PP shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996. The occupier of new as well as expansion projects shall be required to comply with the provisions of the MSIHC Rules, 1989 including notifying their activities or seeking site approval from the concerned authorities, to address operational safety aspects. In doing so, various schedule, particularly Schedule-5 of the said rules may be referred.	Noted and RCF agrees to comply with this condition.
16 Page no.9 of 16	The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.	RCF agrees to comply with this condition.
17 Page no.9 of 16	The occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	The occupational health centre is already available at existing factory premises for surveillance of the worker's/employees health. And periodic health check-up is being done for the employees. All required Personnel Protective Equipment are available with Fire & Safety dept. and provided to workers & employees.
18 Page no.9 of 16	Training shall be imparted to all employees on safety and health aspects for handling chemicals. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies. The unit shall make the arrangement for the protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	Noted. Training is being imparted to all employees on safety and health aspects for handling chemicals. Necessary Safety studies like HAZOP, QRA etc. shall be conducted for the New Project and the Action plan for handling emergencies based on the studies shall be included in the existing Emergency Preparedness Plan of RCF & Fire fighting system for the new project shall be provided as per the norms. This condition is being complied.

19 Page no.10 of 16	The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.	Rainwater harvesting is implemented at roof top of Samruddhi hall. RCF is being ensured throughout factory that no effluent shall be mixed with storm water and no recharge of Process effluent/any wastewater.
20 Page no.10 of 16	The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation.	RCF agrees and shall implement all the mentioned conditions in proposed NPK project and complied with this condition in detailed engineering phase.
21 Page no.10 of 16	As proposed, suitable no. of Ammonia gas detectors shall be provided for early warning of a leak in potential sources of emissions such as pump seals, compressor seals, process drains and vents. HC detectors that continuously monitors combustible gases and vapors within the lower explosive limit (LEL) and provides alarm indication shall be installed to identify the leak of NG in piping. Safety audit and health monitoring of the pipeline and equipment shall be done at regular intervals and necessary corrective measures will be taken immediately. Mock drills shall be conducted at regular intervals to cope up with any emergency.	Noted RCF has installed suitable no. of Ammonia gas detectors for early warning of a leak in potential sources of emissions and also installed HC detectors for continuous monitoring of combustible gases and vapors within the lower explosive limit (LEL) and also provided alarm indication to identify the leak of NG in piping for existing plants. Mock drills are being conducted at as per pre-defined schedule.
22 Page no.10 of 16	The activities and the action plan proposed by the project proponent to address the issues raised during the public hearing as well as the related socio-economic issues in the study area shall be completed as per the schedule presented before the Committee and as described in the EIA report in letter and spirit.	Noted RCF agrees to comply with this condition
23 Page no.10 of 16	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.	Noted RCF have already adequate space for parking of vehicles.

Sungole

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24 Page no.10 of 16	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass/Chemicals shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.	Noted RCF agrees to comply with this condition. The Air Pollution Control System is interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment in proposed DAP/PNK plant.
25 Page no.10 of 16	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	RCF Conducted program in different villages for sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic.

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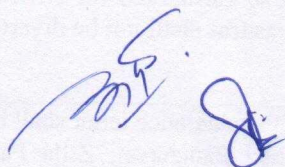
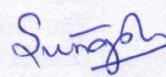
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Standard EC Conditions for (Chemical fertilizers):

Sr. No.	CONDITIONS	COMPLIANCE
1.1 Page no. 11 of 16	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted and shall be complied with this condition.
1.2 Page no. 11 of 16	The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.	Noted and shall be complied with this condition.
1.3 Page no. 11 of 16	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Noted and being complied with this condition.
1.4 Page no. 11 of 16	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Noted and being complied with this condition.
1.5 Page no. 11 of 16	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Noted and being complied with this condition.
1.6 Page no. 11 of 16	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Sufficient Funds have been allocated for capital /recurring cost towards environment pollution control measures and shall not be diverted to any other purpose.
1.7	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom	A copy of the clearance letter sent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body

Page no. 11 of 16	suggestions/ representations, if any, were received while processing the proposal.	and the local NGO, Office copies have been received from the same.
1.8 Page no. 12 of 16	The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	The compliance status is being submitted regularly on six monthly basis. Environmental Clearance and six monthly compliance status report is uploaded on the RCF website.
1.9 Page no. 12 of 16	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.	The environmental statement for 2024-25 in Form-V is submitted on 30.09.2025. RCF agrees to comply with the condition.
1.10 Page no. 12 of 16	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied with. Press advertisement has been issued in three local newspapers on dated 08.01.2024, (Krushival, Nav Bharat and The Indian express).
1.11 Page no. 12 of 16	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	For NPK Project, Letter of intent issued on 10.10.2024. Agreement Project closure date is 09.01.2027.
1.12 Page no. 12 of 16	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted and shall be complied with.



साथ वढ़े समृद्धि की ओर

राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड
Rashtriya Chemicals and Fertilizers Limited

Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

Environmental Monitoring During Construction

Phase of NPK Project at RCF THAL

Study Period: April 2026

Prepared By

Nitya
Work for Quality

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CORPORATE OFFICE & CENTRAL LABORATORIES :-

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Test Reports of Ambient Air Quality Monitoring

(AUTHORISED SIGNATORY)
Authorised
(RAVINDER MITTAL)

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BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

Issued To M/s Rashtriya Chemicals and Fertilizers Limited

Administrative Building, Thai
Alibaug-402 208, Maharashtra, INDIA

ULR No. :

TC148142600001338F, 1402F,
1446F, 1507F, 1568F, 1643F, 1775F, 1803F
07/05/2026

Test Report Date:

Sample Particulars

Nature of the Sample : Ambient Air Quality Monitoring
Sampling Location : GST Office
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : M/s Nitya Laboratories
Sampling Duration (Hrs.) : 24 Hrs.

Date of Sampling	Parameter											
	Particulate Matter (PM2.5) µg/m ³	Particulate Matter (PM10) µg/m ³	Sulphur Dioxide (as SO ₂) µg/m ³	Nitrogen Dioxide (as NO ₂) µg/m ³	Ozone (as O ₃) ug/m ³	Lead (as Pb ¹) µg/m ³	Carbon Monoxide (as CO) mg/m ³	Ammonia (as NH ₃) ug/m ³	Nickel (as Ni ²) ng/m ³	Arsenic (as As ³) ng/m ³	Benzo (a) pyrene (as BAP ⁴) ng/m ³	Benzen e (C ₆ H ₆ ⁵) ug/m ³
03/04/2026	36.20	65.20	22.90	31.50	25.20	ND	1.50	38.50	ND	ND	ND	ND
07/04/2026	35.90	71.80	29.50	33.70	27.40	ND	0.35	36.70	ND	ND	ND	ND
10/04/2026	36.60	76.40	28.40	34.60	26.60	ND	1.64	38.90	ND	ND	ND	ND
13/04/2026	41.50	68.60	24.80	32.30	24.80	ND	1.46	40.60	ND	ND	ND	ND
17/04/2026	42.20	70.80	27.30	33.20	25.40	ND	1.38	41.20	ND	ND	ND	ND
20/04/2026	39.33	69.23	25.92	31.80	24.20	ND	1.40	39.30	ND	ND	ND	ND
24/04/2026	40.45	68.11	24.68	30.72	28.30	ND	1.26	38.44	ND	ND	ND	ND
28/04/2026	38.70	71.36	28.51	32.90	26.82	ND	1.38	37.65	ND	ND	ND	ND
Minimum	35.90	65.20	22.90	30.72	24.20	-	0.35	36.70	-	-	-	-
Maximum	42.20	76.40	29.50	34.60	28.30	-	1.64	41.20	-	-	-	-
Average	38.86	70.19	26.50	32.59	26.09	-	1.30	38.91	-	-	-	-
NAAQM Standards	60	100	80	80	100	1	2	400	20	6	1	5
Test Method	40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP /AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SOP /AAQ-13	NL/SOP /AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

*NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(ii)] 16.11.2009

ND-Not Detected, *Arsenic-ND [DL- 0.5], *BAP-ND [DL- 0.5], *Benzenie-ND [DL- 0.5], *Lead-ND [DL- 0.5], *Nickel-ND [DL- 1.0]

Sample Analysed within seven days from the date of sampling.



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BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

Issued To M/s Rashtriya Chemicals and Fertilizers Limited

Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

ULR No. :

TC148142600001339F, 1403F,
1447F, 1508F, 1569F, 1644F, 1776F, 1804F

Test Report Date:

07/05/2026

3

Sample Particulars

Nature of the Sample : Ambient Air Quality Monitoring
Sampling Location : ISBL Area NPK
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : M/s Nitya Laboratories
Sampling Duration (Hrs.) : 24 Hrs.

Date of Sampling	Parameter											
	Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) µg/m3	Ozone (as O3) µg/m3	Lead (as Pb ¹) µg/m3	Carbon Monoxide (as CO) mg/m3	Ammonia (as NH3) µg/m3	Nickel (as Ni ²) ng/m3	Arsenic (as As ³) ng/m3	Benzo (a) pyrene (as BAP ⁴) ng/m3	Benzene (C6H6 ⁵) µg/m3
03/04/2026	28.2	79.5	24.6	31.5	21.6	ND	1.34	28.5	ND	ND	ND	ND
07/04/2026	23.8	78.4	22.3	29.7	20.5	ND	1.22	31.2	ND	ND	ND	ND
10/04/2026	25.6	76.3	24.4	27.9	25.7	ND	1.36	31.3	ND	ND	ND	ND
13/04/2026	26.4	74.8	23.8	31.6	23.4	ND	1.42	29.8	ND	ND	ND	ND
17/04/2026	17.3	77.6	19.9	28.3	25.6	ND	1.19	27.9	ND	ND	ND	ND
20/04/2026	20.8	76.4	18.2	29.4	22.3	ND	1.28	28.4	ND	ND	ND	ND
24/04/2026	19.5	75.8	19.6	27.5	18.5	ND	1.29	29.2	ND	ND	ND	ND
28/04/2026	23.6	73.9	21.4	28.2	23.9	ND	1.36	27.3	ND	ND	ND	ND
Minimum	17.30	73.90	18.20	27.50	18.50	-	1.19	27.30	-	-	-	-
Maximum	28.20	79.50	24.60	31.60	25.70	-	1.42	31.30	-	-	-	-
Average	23.15	76.59	21.78	29.26	22.69	-	1.31	29.20	-	-	-	-
NAAQM Standards	60	100	80	80	100	1	2	400	20	6	1	5
Test Method	40CFR Appendix L Part 53 CPCS Guideline s	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP /AAQ-11	IS:5182 (P-10)	Method of Air Sampling g & Analysis	NL/SO P/AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

*NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

ND-Not Detected, ³Arsenic-ND [DL- 0.5], ⁴BAP-ND [DL- 0.5], ⁵Benzene-ND [DL- 0.5], ¹Lead-ND [DL- 0.5], ²Nickel-ND [DL- 1.0]

Sample Analysed within seven days from the date of sampling.



(AUTHORISED SIGNATORY)
Authorised
(RAVINDER MITTAL)

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Issued To **M/s Rashtriya Chemicals and Fertilizers Limited**
Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

ULR No.: TC148142600001334F, 1398F 1442F,
Test Report Date: 1503F, 1564F, 1639F, 1771F, 1799F
08/04/2026

4

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Sampling Location : **Bagging Area NPK**
Purpose of Monitoring : **To Check the Pollution Load**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **M/s Nitya Laboratories**
Sampling Duration (Hrs.) : **24 Hrs.**

Date of Sampling	Parameter											
	Particulate Matter (PM _{2.5}) µg/m ³	Particulate Matter (PM ₁₀) µg/m ³	Sulphur Dioxide (as SO ₂) µg/m ³	Nitrogen Dioxide (as NO ₂) µg/m ³	Ozone (as O ₃) µg/m ³	Lead (as Pb ¹) µg/m ³	Carbon Monoxide (as CO) mg/m ³	Ammonia (as NH ₃) µg/m ³	Nickel (as Ni ²) ng/m ³	Arsenic (as As ³) ng/m ³	Benzo (a) pyrene (as BAP ⁴) ng/m ³	Benzen e (C ₆ H ₆ ⁵) µg/m ³
03/04/2026	30.60	86.60	22.20	31.60	23.60	ND	1.35	32.60	ND	ND	ND	ND
07/04/2026	29.80	87.20	24.80	35.40	26.80	ND	1.50	33.40	ND	ND	ND	ND
10/04/2026	28.50	81.80	28.60	37.70	29.20	ND	1.30	31.80	ND	ND	ND	ND
13/04/2026	27.20	82.70	27.40	30.20	26.30	ND	1.45	35.70	ND	ND	ND	ND
17/04/2026	30.30	80.90	24.20	27.30	25.50	ND	1.27	35.20	ND	ND	ND	ND
20/04/2026	29.42	81.62	23.81	31.41	23.71	ND	1.32	34.36	ND	ND	ND	ND
24/04/2026	28.68	79.36	20.26	32.65	25.95	ND	1.16	37.54	ND	ND	ND	ND
28/04/2026	27.15	78.45	24.35	31.58	27.67	ND	1.26	32.42	ND	ND	ND	ND
Minimum	27.15	78.45	20.26	27.30	23.60	-	1.16	31.80	-	-	-	-
Maximum	30.60	87.20	28.60	37.70	29.20	-	1.50	37.54	-	-	-	-
Average	28.96	82.33	24.45	32.23	26.09	-	1.33	34.13	-	-	-	-
NAAQM Standards	60	100	80	80	100	1	2	400	20	6	1	5
Test Method	40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP /AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SO P/AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

*NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

ND-Not Detected, ³Arsenic-ND [DL- 0.5], ⁴BAP-ND [DL- 0.5], ⁵Benzene-ND [DL- 0.5], ¹Lead-ND [DL- 0.5], ²Nickel-ND [DL- 1.0]

Sample Analysed within Seven days from the date of sampling.



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Issued To **M/s Rashtriya Chemicals and Fertilizers Limited**
Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

ULR No. :
Test Report Date:

TC148142600001335F, 1399F 1443F,
1504F, 1565F, 1640F, 1772F, 1800F

08/04/2026

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Sampling Location : **Admin Building**
Purpose of Monitoring : **To Check the Pollution Load**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **M/s Nitya Laboratories**
Sampling Duration (Hrs.) : **24 Hrs.**

Date of Sampling	Parameter											
	Particulate Matter (PM _{2.5}) µg/m ³	Particulate Matter (PM ₁₀) µg/m ³	Sulphur Dioxide (as SO ₂) µg/m ³	Nitrogen Dioxide (as NO ₂) µg/m ³	Ozone (as O ₃) µg/m ³	Lead (as Pb ¹) µg/m ³	Carbon Monoxide (as CO) mg/m ³	Ammonia (as NH ₃) µg/m ³	Nickel (as Ni ²) ng/m ³	Arsenic (as As ³) ng/m ³	Benzo (a) pyrene (as BAP ⁴) ng/m ³	Benzen e (C ₆ H ₆ ⁵) µg/m ³
03/04/2026	29.50	57.20	22.50	25.80	21.50	ND	1.18	30.50	ND	ND	ND	ND
07/04/2026	28.20	62.80	23.40	26.70	18.20	ND	1.36	29.40	ND	ND	ND	ND
10/04/2026	25.60	65.50	21.90	24.60	22.60	ND	1.18	26.60	ND	ND	ND	ND
13/04/2026	26.80	68.60	20.80	29.80	21.30	ND	1.16	30.40	ND	ND	ND	ND
17/04/2026	28.20	73.70	19.30	30.20	23.80	ND	1.04	27.30	ND	ND	ND	ND
20/04/2026	25.62	71.30	21.20	28.30	19.70	ND	1.25	26.70	ND	ND	ND	ND
24/04/2026	26.72	69.50	22.30	27.40	22.90	ND	1.26	25.60	ND	ND	ND	ND
28/04/2026	23.60	72.40	23.90	23.70	23.90	ND	1.39	27.80	ND	ND	ND	ND
Minimum	23.60	57.20	19.30	23.70	18.20	-	1.04	25.60	-	-	-	-
Maximum	29.50	73.70	23.90	30.20	23.90	-	1.39	30.50	-	-	-	-
Average	26.78	67.63	21.91	27.06	21.74	-	1.23	28.04	-	-	-	-
NAAQM Standards	60	100	80	80	100	1	2	400	20	6	1	5
Test Method	40CFR Appendix L Part 53 CPCB Guideline 3	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP /AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SO P/AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

*NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec-3(i)] 16.11.2009

ND-Not Detected, ³Arsenic-ND [DL-0.5], ⁴BAP-ND [DL-0.5], ⁵Benzene-ND [DL-0.5], ¹Lead-ND [DL-0.5], ²Nickel-ND [DL-1.0]

Sample Analysed within Seven days from the date of sampling.



(AUTHORISED SIGNATORY)
(RAVINDER MITTAL)

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issued To M/s Rashtriya Chemicals and Fertilizers Limited

ULR No. :

TC148142600001336F, 1400F 1444F,
1505F, 1566F, 1641F, 1773F, 1801F

Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

Test Report Date: 07/05/2026

Sample Particulars

Nature of the Sample : Ambient Air Quality Monitoring
Sampling Location : Swagat Guest House
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : M/s Nitya Laboratories
Sampling Duration (Hrs.) : 24 Hrs.

Date of Sampling	Parameter											
	Particulate Matter (PM _{2.5}) µg/m ³	Particulate Matter (PM ₁₀) µg/m ³	Sulphur Dioxide (as SO ₂) µg/m ³	Nitrogen Dioxide (as NO ₂) µg/m ³	Ozone (as O ₃) µg/m ³	Lead (as Pb ¹) µg/m ³	Carbon Monoxide (as CO) mg/m ³	Ammonia (as NH ₃) µg/m ³	Nickel (as Ni ²) ng/m ³	Arsenic (as As ³) ng/m ³	Benzo (a) pyrene (as BAP ⁴) ng/m ³	Benzen e (C ₆ H ₆ ⁵) µg/m ³
03/04/2026	25.20	46.60	20.20	26.60	21.20	ND	1.12	22.20	ND	ND	ND	ND
07/04/2026	26.80	48.70	22.80	27.50	23.80	ND	1.35	24.50	ND	ND	ND	ND
10/04/2026	23.60	47.80	19.70	22.80	24.70	ND	1.08	24.60	ND	ND	ND	ND
13/04/2026	25.40	41.50	18.40	25.30	25.60	ND	1.18	25.70	ND	ND	ND	ND
17/04/2026	27.70	47.60	21.60	26.50	19.30	ND	1.29	23.90	ND	ND	ND	ND
20/04/2026	26.20	44.70	19.30	23.40	22.40	ND	1.36	22.20	ND	ND	ND	ND
24/04/2026	27.30	42.20	23.40	22.90	24.80	ND	1.38	21.30	ND	ND	ND	ND
28/04/2026	24.60	45.30	24.60	21.60	23.60	ND	1.34	23.40	ND	ND	ND	ND
Minimum	23.60	41.50	18.40	21.60	19.30	-	1.08	21.30	-	-	-	-
Maximum	27.70	48.70	24.60	27.50	25.60	-	1.38	25.70	-	-	-	-
Average	25.85	45.55	21.25	24.58	23.18	-	1.26	23.48	-	-	-	-
NAAQM Standards	60	100	80	80	100	1	2	400	20	6	1	5
Test Method	40CFR Appendix L Part 53 C PCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP /AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SO P/AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

*NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II] sec-3(i) 16-11-2009

ND-Not Detected, ³Arsenic-ND [DL- 0.5], ⁴BAP-ND [DL- 0.5], ⁵Benzen e-ND [DL- 0.5], ⁶Nickel-ND [DL- 1.0]
Sample Analysed within Seven days from the date of sampling.



TC-14814

(AUTHORISED SIGNATORY)
Authorised Signatory
(RAVINDER MITTAL)

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Issued To M/s Rashtriya Chemicals and Fertilizers Limited

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Alibaug-402 208, Maharashtra, INDIA

ULR No. :

TC148142600001337F, 1401F 1445F,
1506F, 1567F, 1642F, 1774F, 1802F
07/05/2026

Test Report Date:

Sample Particulars

Nature of the Sample : Ambient Air Quality Monitoring
Sampling Location : R.C.F. Complex
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : M/s Nitya Laboratories
Sampling Duration (Hrs.) : 24 Hrs.

Date of Sampling	Parameter											
	Particulate Matter (PM2.5) µg/m ³	Particulate Matter (PM10) µg/m ³	Sulphur Dioxide (as SO ₂) µg/m ³	Nitrogen Dioxide (as NO ₂) µg/m ³	Ozone (as O ₃) µg/m ³	Lead (as Pb ¹) µg/m ³	Carbon Monoxide (as CO) mg/m ³	Ammonia (as NH ₃) µg/m ³	Nickel (as Ni ²) ng/m ³	Arsenic (as As ³) ng/m ³	Benzo (a) pyrene (as BAP ⁴) ng/m ³	Benzen e (C ₆ H ₆ ⁵) µg/m ³
03/04/2026	25.60	47.20	21.20	26.50	19.60	ND	1.30	18.20	ND	ND	ND	ND
07/04/2026	27.80	50.60	20.30	25.20	21.70	ND	1.28	21.80	ND	ND	ND	ND
10/04/2026	23.70	51.70	19.20	23.30	18.50	ND	1.12	23.70	ND	ND	ND	ND
13/04/2026	25.60	49.50	20.16	26.40	21.90	ND	1.15	25.60	ND	ND	ND	ND
17/04/2026	27.30	47.80	21.34	27.90	22.30	ND	1.32	24.20	ND	ND	ND	ND
20/04/2026	26.50	48.30	22.37	26.70	21.50	ND	1.23	23.40	ND	ND	ND	ND
24/04/2026	25.40	49.90	23.68	24.80	22.40	ND	1.25	21.30	ND	ND	ND	ND
28/04/2026	24.70	47.60	19.30	23.60	19.60	ND	1.18	20.60	ND	ND	ND	ND
Minimum	23.70	47.20	19.20	23.30	18.50	-	1.12	18.20	-	-	-	-
Maximum	27.80	51.70	23.68	27.90	22.40	-	1.32	25.60	-	-	-	-
Average	25.65	49.08	20.94	25.55	20.94	-	1.23	22.35	-	-	-	-
NAAQM Standards	60	100	80	80	100	1	2	400	20	6	1	5
Test Method	40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP /AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SO P/AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

*NAAQS: National Ambient Air Quality Standards: Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009
ND-Not Detected, ³Arsenic-ND [DL- 0.5], ⁴BAP-ND [DL- 0.5], ⁵Benzene-ND [DL- 0.5], ¹Lead-ND [DL- 0.5], ²Nickel-ND [DL- 1.0]
Sample Analysed within Seven days from the date of sampling.



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Test Reports of Noise Monitoring

(AUTHORISED SIGNATORY)
(RAVINDER MITTAL)

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BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

Issued To **M/s Rashtriya Chemicals and Fertilizers Limited**

ULR No. :

TC148142600001340F, 1404F, 1448F,
1509F, 1570F, 1645F, 1777F, 1805F

Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

Test Report Date:

07/05/2026

Sample Particulars

Nature of the Sample : **Ambient Noise**
Purpose of Monitoring : **To Check the Pollution Load**
Method of Sampling : **IS 9989**
Instrument Used : **Sound Level Meter**
Place of Monitoring : **GST Office**

Analysis Report

Sr. No.	Date	Test Result dB(A) Day Time	Test Result dB(A) Night Time	Test Method
Permissible Limit in *dB(A) Leq for Industrial Area		75 dB(A)	70 dB(A)	
1	02/03/2026	51.2	41.3	IS 9989
2	06/03/2026	53.6	42.5	
3	09/03/2026	48.7	43.6	
4	13/03/2026	49.4	38.4	
5	16/03/2026	50.5	41.7	
6	20/03/2026	49.9	40.2	
7	13/04/2026	52.7	39.3	
8	17/04/2026	53.6	41.5	

Remark:

*dB (A) Leq denotes the time-weighted average of the level of sound in decibels on scale 'A', which is relatable to human hearing.
CPCB = Central Pollution Control Board

Note: The Ambient Noise Quality Standards are given for reference

Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM – 10PM)	Night Time (10PM – 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



TC-14814



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Issued To M/s Rashtriya Chemicals and Fertilizers Limited
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Alibaug-402 208, Maharashtra, INDIA

ULR No. :
Test Report Date:

TC148142600001341F, 1405F, 1449F,
1510F, 1571F, 1646F, 1778F, 1806F
08/04/2026

Sample Particulars

Nature of the Sample : **Ambient Noise**
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 9989
Instrument Used : Sound Level Meter
Place of Monitoring : ISBL Area NPK

Analysis Report

Sr. No.	Date	Test Result dB(A) Day Time	Test Result dB(A) Night Time	Test Method
Permissible Limit in *dB(A) Leq for Industrial Area		75 dB(A)	70 dB(A)	
1	03/04/2026	63.6	46.2	IS 9989
2	07/04/2026	65.2	47.6	
3	10/04/2026	69.3	49.8	
4	13/04/2026	65.4	53.4	
5	17/04/2026	66.7	50.2	
6	20/04/2026	64.8	51.9	
7	24/04/2026	64.6	52.4	
8	28/04/2026	62.4	49.3	

Remark:

*dB (A) Leq denotes the time-weighted average of the level of sound in decibels on scale 'A', which is reliable to human hearing.
CPCB = Central Pollution Control Board

Note: The Ambient Noise Quality Standards are given for reference

Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM – 10PM)	Night Time (10PM – 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



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Issued To M/s Rashtriya Chemicals and Fertilizers Limited
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ULR No. :
Test Report Date:

TC148142600001342F, 1406F, 1450F,
1511F, 1572F, 1647F, 1779F, 1807F
08/04/2026

Sample Particulars

Nature of the Sample : **Ambient Noise**
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 9939
Instrument Used : Sound Level Meter
Place of Monitoring : Bagging Area NPK

Analysis Report

Sr. No.	Date	Test Result dB(A) Day Time	Test Result dB(A) Night Time	Test Method
Permissible Limit in *dB(A) Leq for Industrial Area		75 dB(A)	70 dB(A)	
1	03/04/2026	65.6	53.3	IS 9989
2	07/04/2026	68.7	52.8	
3	10/04/2026	69.5	51.9	
4	13/04/2026	65.6	53.6	
5	17/04/2026	66.4	48.2	
6	20/04/2026	63.5	49.4	
7	24/04/2026	64.7	50.6	
8	28/04/2026	63.6	49.7	

Remark:

*dB (A) Leq denotes the time-weighted average of the level of sound in decibels on scale 'A', which is relatable to human hearing.
PCPB = Central Pollution Control Board

Note: The Ambient Noise Quality Standards are given for reference

Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM – 10PM)	Night Time (10PM – 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



TC-14814



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ULR No. :
Test Report Date:

TC148142600001343F, 1407F, 1451F,
1512F, 1573F, 1648F, 1780F, 1808F
08/04/2026

Sample Particulars

Nature of the Sample : **Ambient Noise**
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 9989
Instrument Used : Sound Level Meter
Place of Monitoring : Admin Building

Analysis Report

Sr. No.	Date	Test Result dB(A) Day Time	Test Result dB(A) Night Time	Test Method
Permissible Limit in *dB(A) Leq for Industrial Area		75 dB(A)	70 dB(A)	
1	03/04/2026	54.6	37.6	IS 9989
2	07/04/2026	53.7	40.2	
3	10/04/2026	51.5	42.3	
4	13/04/2026	52.3	43.4	
5	17/04/2026	53.4	43.5	
6	20/04/2026	53.6	41.6	
7	24/04/2026	49.7	44.7	
8	28/04/2026	50.2	39.5	

Remark:

*dB (A) Leq denotes the time-weighted average of the level of sound in decibels on scale 'A', which is relatable to human hearing.
CPCB = Central Pollution Control Board

Note: The Ambient Noise Quality Standards are given for reference

Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM – 10PM)	Night Time (10PM – 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



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ULR No. :

TC148142600001344F, 1408F, 1452F,
1513F, 1574F, 1649F, 1781F, 1809F

Test Report Date:

07/05/2026

13

Sample Particulars

Nature of the Sample : Ambient Noise
Purpose of Monitoring : To Check the Pollution Load
Method of Sampling : IS 9989
Instrument Used : Sound Level Meter
Place of Monitoring : Swagat Guest House

Analysis Report

Sr. No.	Date	Test Result dB(A) Day Time	Test Result dB(A) Night Time	Test Method
Permissible Limit in *dB(A) Leq for Industrial Area		75 dB(A)	70 dB(A)	
1	03/04/2026	54.6	42.6	IS 9989
2	07/04/2026	55.5	44.4	
3	10/04/2026	53.3	41.9	
4	13/04/2026	50.4	38.8	
5	17/04/2026	52.6	39.2	
6	20/04/2026	49.8	40.3	
7	24/04/2026	51.5	41.6	
8	28/04/2026	52.3	43.8	

Remark:

*dB (A) Leq denotes the time-weighted average of the level of sound in decibels on scale 'A', which is relatable to human hearing.
CPCB = Central Pollution Control Board

Note: The Ambient Noise Quality Standards are given for reference

Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM – 10PM)	Night Time (10PM – 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



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ULR No. :

TC148142600001345F, 1409F, 1453F,
1514F, 1575F, 1650F, 1782F, 1810F

Test Report Date:

07/05/2026

Sample Particulars

Nature of the Sample : **Ambient Noise**
Purpose of Monitoring : **To Check the Pollution Load**
Method of Sampling : **IS 9989**
Instrument Used : **Sound Level Meter**
Place of Monitoring : **R.C.F Complex**

Analysis Report

Sr. No.	Date	Test Result dB(A) Day Time	Test Result dB(A) Night Time	Test Method
Permissible Limit in *dB(A) Leq for Industrial Area		75 dB(A)	70 dB(A)	
1	03/04/2026	53.2	43.5	IS 9989
2	07/04/2026	55.78	44.7	
3	10/04/2026	54.6	38.9	
4	13/04/2026	49.4	41.3	
5	17/04/2026	53.3	43.6	
6	20/04/2026	51.1	40.5	
7	24/04/2026	50.5	39.2	
8	28/04/2026	52.4	41.3	

Remark:

*dB (A) Leq denotes the time-weighted average of the level of sound in decibels on scale 'A', which is relatable to human hearing.
CPCB = Central Pollution Control Board

Note: The Ambient Noise Quality Standards are given for reference

Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM – 10PM)	Night Time (10PM – 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



TC-14814



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Test Reports of Water Quality Monitoring

(AUTHORISED SIGNATORY)
(RAVINDER MITTAL)

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16

Issued To **Rashtriya Chemicals and Fertilizers Limited**
Administrative Building, Thal
Aiihaug-402 208, Maharashtra, INDIA

ULR No. : TC148142600001515F
Test Report Date: 23/04/2026

Sample Particulars

Nature of the Sample : **Ground Water**
Sample Quantity & Packaging : 5 Liter, Pet Bottle
Sample Received at Lab : 17/04/2026
Test Started on : 17/04/2026
Test Completed : 22/04/2026
Method of Sampling : SOP/B/D-3
Date of Sampling : 13/04/2026
Place of Sampling : SGP Well GW Inside

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500		Protocol
				Desirable	Permissible	
1.	pH	-	7.74	6.5-8.5	6.5-8.5	IS:3025 (P-11)
2.	Color	Hazen	<5	5	15	IS:3025 (P-4)
3.	Turbidity	NTU	<1	1	5	APHA 24th Ed.
4.	Electrical Conductivity	µs/cm	914	-	-	IS:3025 (P-14)
5.	Total Dissolved Solids	mg/l	592	500	2000	IS:3025 (P-16)
6.	Total Hardness as (CaCO ₃)	mg/l	184	200	600	IS:3025 (P-21)
7.	Total Alkalinity as CaCO ₃	mg/l	118	200	600	IS:3025 (P-23)
8.	Chlorides as Cl	mg/l	50	250	1000	IS:3025(P-32)
9.	Sulphate as SO ₄	mg/l	42.50	200	400	APHA 24th Ed.
10.	Nitrates as NO ₃	mg/l	0.46	45	No Relaxation	IS:3025 (P-34)
11.	Calcium as Ca	mg/l	46	75	200	IS:3025 (P-40)
12.	Magnesium as Mg	mg/l	16.76	30	100	APHA 24th Ed.
13.	Residual Free Chlorine	mg/l	ND [DL- 0.2]	0.2	1	IS:3025 (P-26)
14.	Total Ammonia	mg/l	ND	0.5	No Relaxation	IS:3025 (P-34)
15.	Boron as B	mg/l	ND [DL- 0.5]	0.5	1.0	IS:3025 (P-57)
16.	Aluminium as Al	mg/l	ND [DL- 0.01]	0.03	0.2	APHA 24th Ed.
17.	Copper as Cu	mg/l	ND [DL- 0.05]	0.05	1.5	APHA 24th Ed.
18.	Fluoride as F	mg/l	ND	1.0	1.5	IS:3025 (P-60)
19.	Iron (as Fe)	mg/l	ND [DL- 0.05]	0.3	No Relaxation	APHA 24th Ed.



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BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

Issued To **Rashtriya Chemicals and Fertilizers Limited**
Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

ULR No. : TC148142600001515F
Test Report Date: 23/04/2026

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Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500 2012		Protocol
				Desirable	Permissible	
20.	Manganese as Mn	mg/l	ND [DL- 0.05]	0.1	0.3	IS:3025 (P-59)
21.	Phenolic Compounds	mg/l	ND [DL- 0.001]	0.001	0.002	IS:3025 (P-43)
22.	E.coli*	MPN/100ml	Absent	Absent	Absent	IS 1622
23.	Total Coliform*	MPN/100ml	Absent	Absent	Absent	IS 1622



TC-14814

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(AUTHORISED SIGNATORY)
(DHANU PRIYA*)

(Signature)
(AUTHORISED SIGNATORY)
(RAVINDER MITTAL)

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Issued To Rashtriya Chemicals and Fertilizers Limited
Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

ULR No. : TC148142600001516F
Test Report Date: 23/04/2026

Sample Particulars

Nature of the Sample : **Ground Water**
Sample Quantity & Packaging : 5 Liter, Pet Bottle
Sample Received at Lab : 17/04/2026
Test Started on : 17/04/2026
Test Completed : 22/04/2026
Method of Sampling : SOP/B/D-3
Date of Sampling : 13/04/2026
Place of Sampling : CGP Well GW Inside

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500		Protocol
				Desirable	Permissible	
1.	pH	-	7.16	6.5-8.5	6.5-8.5	IS:3025 (P-11)
2.	Color	Hazen	<5	5	15	IS:3025 (P-4)
3.	Turbidity	NTU	<1	1	5	APHA 24th Ed.
4.	Electrical Conductivity	µs/cm	236	-	-	IS:3025 (P-14)
5.	Total Dissolved Solids	mg/l	154	500	2000	IS:3025 (P-16)
6.	Total Hardness as (CaCO ₃)	mg/l	110	200	600	IS:3025 (P-21)
7.	Total Alkalinity as CaCO ₃	mg/l	90	200	600	IS:3025 (P-23)
8.	Chlorides as Cl	mg/l	30	250	1000	IS:3025(P-32)
9.	Sulphate as SO ₄	mg/l	27.90	200	400	APHA 24th Ed.
10.	Nitrates as NO ₃	mg/l	0.15	45	No Relaxation	IS:3025 (P-34)
11.	Calcium as Ca	mg/l	24	75	200	IS:3025 (P-40)
12.	Magnesium as Mg	mg/l	12.15	30	100	APHA 24th Ed.
13.	Residual Free Chlorine	mg/l	ND [DL- 0.2]	0.2	1	IS:3025 (P-26)
14.	Total Ammonia	mg/l	ND	0.5	No Relaxation	IS:3025 (P-34)
15.	Boron as B	mg/l	ND [DL- 0.5]	0.5	1.0	IS:3025 (P-57)
16.	Aluminium as Al	mg/l	ND [DL- 0.01]	0.03	0.2	APHA 24th Ed.
17.	Copper as Cu	mg/l	ND [DL- 0.05]	0.05	1.5	APHA 24th Ed.
18.	Fluoride as F	mg/l	ND	1.0	1.5	IS:3025 (P-60)
19.	Iron (as Fe)	mg/l	ND [DL- 0.05]	0.3	No Relaxation	APHA 24th Ed.
20.	Manganese as Mn	mg/l	ND [DL- 0.05]	0.1	0.3	IS:3025 (P-59)



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ULR No. : TC148142600001516F
Test Report Date: 23/04/2026

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500 2012		Protocol
				Desirable	Permissible	
21.	Phenolic Compounds	mg/l	ND [DL- 0.001]	0.001	0.002	IS:3025 (P-43)
22.	E.coli*	MPN/100ml	Absent	Absent	Absent	IS 1622
23.	Total Coliform*	MPN/100ml	Absent	Absent	Absent	IS 1622



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Issued To **Rashtriya Chemicals and Fertilizers Limited**

Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

ULR No. :

Test Report Date:

TC148142600001517

23/04/2026

Sample Particulars

Nature of the Sample : **Ground Water**
Sample Quantity & Packaging : **5 Liter, Pet Bottle**
Sample Received at Lab : **17/04/2026**
Test Started on : **17/04/2026**
Test Completed : **22/04/2026**
Method of Sampling : **SOP/B/D-3**
Date of Sampling : **13/04/2026**
Place of Sampling : **Outside Plant GW**

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500		Protocol
				Desirable	Permissible	
1.	pH	-	7.48	6.5-8.5	6.5-8.5	IS:3025 (P-11)
2.	Color	Hazen	<5	5	15	IS:3025 (P-4)
3.	Turbidity	NTU	<1	1	5	APHA 24th Ed.
4.	Electrical Conductivity	µs/cm	389	-	-	IS:3025 (P-14)
5.	Total Dissolved Solids	mg/l	254	500	2000	IS:3025 (P-16)
6.	Total Hardness as (CaCO ₃)	mg/l	164	200	600	IS:3025 (P-21)
7.	Total Alkalinity as CaCO ₃	mg/l	130	200	600	IS:3025 (P-23)
8.	Chlorides as Cl	mg/l	32	250	1000	IS:3025(P-32)
9.	Sulphate as SO ₄	mg/l	62.80	200	400	APHA 24th Ed.
10.	Nitrates as NO ₃	mg/l	0.46	45	No Relaxation	IS:3025 (P-34)
11.	Calcium as Ca	mg/l	30	75	200	IS:3025 (P-40)
12.	Magnesium as Mg	mg/l	21.62	30	100	APHA 24th Ed.
13.	Residual Free Chlorine	mg/l	ND [DL- 0.2]	0.2	1	IS:3025 (P-26)
14.	Total Ammonia	mg/l	ND	0.5	No Relaxation	IS:3025 (P-34)
15.	Boron as B	mg/l	ND [DL- 0.5]	0.5	1.0	IS:3025 (P-57)
16.	Aluminium as Al	mg/l	ND [DL- 0.01]	0.03	0.2	APHA 24th Ed.
17.	Copper as Cu	mg/l	ND [DL- 0.05]	0.05	1.5	APHA 24th Ed.
18.	Fluoride as F	mg/l	0.48	1.0	1.5	IS:3025 (P-60)
19.	Iron (as Fe)	mg/l	0.18	0.3	No Relaxation	APHA 24th Ed.
20.	Manganese as Mn	mg/l	ND [DL- 0.05]	0.1	0.3	IS:3025 (P-59)



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Alibaug-402 208, Maharashtra, INDIA

ULR No. : TC148142600001517
Test Report Date: 23/04/2026

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500 2012		Protocol
				Desirable	Permissible	
21.	Phenolic Compounds	mg/l	ND [DL- 0.001]	0.001	0.002	IS:3025 (P-43)
22.	E.coli*	MPN/100ml	Absent	Absent	Absent	IS 1622
23.	Total Coliform*	MPN/100ml	Absent	Absent	Absent	IS 1622



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Issued To **Rashtriya Chemicals and Fertilizers Limited**

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Alibaug-402 208, Maharashtra, INDIA

ULR No. :

Test Report Date:

TC148142600001518

23/04/2026

Sample Particulars

Nature of the Sample	: Surface Water
Sample Quantity & Packaging	: 1 Liter, Pet Bottle
Sample Received at Lab	: 17/04/2026
Test Started on	: 17/04/2026
Test Completed	: 22/04/2026
Method of Sampling	: SOP/B/D-3
Date of Sampling	: 13/04/2026
Place of Sampling	: Outside Near School Pond

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Standards as per IS:2296	Protocol
1.	pH	-	6.94	8.5	IS:3025 (P-11)
2.	Color	Hazen	<5	-	IS:3025 (P-4)
3.	Turbidity	NTU	6.1	-	APHA 24th Ed.
4.	Electrical Conductivity	μs/cm	318	2250	IS:3025 (P-14)
5.	Total Dissolved Solids	mg/l	206	2100	IS:3025 (P-16)
6.	Total Hardness as (CaCO ₃)	mg/l	110	-	IS: 3025 (P-21)
7.	Total Alkalinity as CaCO ₃	mg/l	84	-	IS: 3025 (P-23)
8.	Chlorides as Cl	mg/l	30	600	IS:3025(P-32)
9.	Sulphate as SO ₄	mg/l	21.70	1000	APHA 24th Ed.
10.	Nitrates as NO ₃	mg/l	0.27	-	IS:3025 (P-34)
11.	Calcium as Ca	mg/l	24	-	IS:3025 (P-40)
12.	Magnesium as Mg	mg/l	12.15	-	APHA 24th Ed.
13.	Boron as B	mg/l	ND [DL- 0.5]	2	IS:3025 (P-57)
14.	Total Suspended Solids (TSS)	mg/l	40	-	IS:3025 (P-17)
15.	Chemical Oxygen Demand (COD)	mg/l	30	-	IS:3025 (P-58)
16.	Bio-Chemical Oxygen Demand (3 days at 27°C) (BOD)	mg/l	6	-	IS:3025 (P-44)
17.	Dissolved Oxygen	mg/l	6.4	-	IS:3025 (P-38)
18.	Oil & Grease, (O&G)	mg/l	ND	-	IS:3025 (P-39)



TC-14814



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Issued To Rashtriya Chemicals and Fertilizers Limited
Administrative Building, Thal
Alibaug-402 208, Maharashtra, INDIA

ULR No. : TC148142600001519F
Test Report Date: 23/04/2026

Sample Particulars

Nature of the Sample : **Surface Water**
Sample Quantity & Packaging : 1 Liter, Pet Bottle
Sample Received at Lab : 17/04/2026
Test Started on : 17/04/2026
Test Completed : 22/04/2026
Method of Sampling : SOP/B/D-3
Date of Sampling : 13/04/2026
Place of Sampling : CGP Strom Water Pond

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Standards as per IS:2296	Protocol
1.	pH	-	7.08	8.5	IS:3025 (P-11)
2.	Color	Hazen	<5	-	IS:3025 (P-4)
3.	Turbidity	NTU	<1	-	APHA 24th Ed.
4.	Electrical Conductivity	µs/cm	245	2250	IS:3025 (P-14)
5.	Total Dissolved Solids	mg/l	170	2100	IS:3025 (P-16)
6.	Total Hardness as (CaCO ₃)	mg/l	82	-	IS: 3025 (P-21)
7.	Total Alkalinity as CaCO ₃	mg/l	54	-	IS: 3025 (P-23)
8.	Chlorides as Cl	mg/l	29	600	IS:3025(P-32)
9.	Sulphate as SO ₄	mg/l	13.79	1000	APHA 24th Ed.
10.	Nitrates as NO ₃	mg/l	0.18	-	IS:3025 (P-34)
11.	Calcium as Ca	mg/l	14	-	IS:3025 (P-40)
12.	Magnesium as Mg	mg/l	10.34	-	APHA 24th Ed.
13.	Boron as B	mg/l	ND [DL- 0.5]	2	IS:3025 (P-57)
14.	Total Suspended Solids (TSS)	mg/l	24	-	IS:3025 (P-17)
15.	Chemical Oxygen Demand (COD)	mg/l	87	-	IS:3025 (P-58)
16.	Bio-Chemical Oxygen Demand (3 days at 27°C) (BOD)	mg/l	6	-	IS:3025 (P-44)
17.	Dissolved Oxygen	mg/l	6.4	-	IS:3025 (P-38)
18.	Oil & Grease, (O&G)	mg/l	ND	-	IS:3025 (P-39)



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Issued To Rashtriya Chemicals and Fertilizers Limited
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ULR No. : TC148142600001519
Test Report Date: 23/04/2026

Sample Particulars

Nature of the Sample : **Surface Water**
Sample Quantity & Packaging : 1 Liter, Pet Bottle
Sample Received at Lab : 17/04/2026
Test Started on : 17/04/2026
Test Completed : 22/04/2026
Method of Sampling : SOP/B/D-3
Date of Sampling : 13/04/2026
Place of Sampling : Outside Plant Village

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Standards as per IS:2296	Protocol
1.	pH	-	7.47	8.5	IS:3025 (P-11)
2.	Color	Hazen	<5	-	IS:3025 (P-4)
3.	Turbidity	NTU	<1	-	APHA 24th Ed.
4.	Electrical Conductivity	µs/cm	420	2250	IS:3025 (P-14)
5.	Total Dissolved Solids	mg/l	272	2100	IS:3025 (P-16)
6.	Total Hardness as (CaCO ₃)	mg/l	184	-	IS: 3025 (P-21)
7.	Total Alkalinity as CaCO ₃	mg/l	150	-	IS: 3025 (P-23)
8.	Chlorides as Cl	mg/l	40	600	IS:3025(P-32)
9.	Sulphate as SO ₄	mg/l	49.30	1000	APHA 24th Ed.
10.	Nitrates as NO ₃	mg/l	0.34	-	IS:3025 (P-34)
11.	Calcium as Ca	mg/l	38	-	IS:3025 (P-40)
12.	Magnesium as Mg	mg/l	21.62	-	APHA 24th Ed.
13.	Boron as B	mg/l	ND [DL- 0.5]	2	IS:3025 (P-57)
14.	Total Suspended Solids (TSS)	mg/l	40	-	IS:3025 (P-17)
15.	Chemical Oxygen Demand (COD)	mg/l	34	-	IS:3025 (P-58)
16.	Bio-Chemical Oxygen Demand (3 days at 27°C) (BOD)	mg/l	5	-	IS:3025 (P-44)
17.	Dissolved Oxygen	mg/l	6.3	-	IS:3025 (P-38)
18.	Oil & Grease, (O&G)	mg/l	ND	-	IS:3025 (P-39)



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