

MAL-K1/EHS/Env/2024-25 /28

Date : 25.11.2024

**Additional Principal Chief Conservator of Forest (C),
Ministry of Environment, Forest & Climate Change,
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariate Building, Civil Lines
Nagpur – 440 001, Maharashtra.**

Reference:

1. EC granted for for NPK Fertilizer Manufacturing Unit (F.No. J-11011/167/2016-IA II (I), dt 02.09.2019, EC transed to M/s. Smartchem Technologies Limited on 18.12.2020.

Sub: Half yearly Environmental Clearance Compliance report.

Dear Sir,

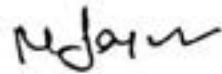
Please find enclosed the half yearly EC compliance report of NPK Fertilizer Manufacturing Unit for the period of April – 2024 to September – 2024.

This is for your information and records please.

Thanking you,

Yours faithfully,

Mahadhan AgriTech Limited
(Formerly known as Smartchem Technologies Ltd)



Jeyaprakash M

Head (EHS)

CC :

1. SRO, MPCB, Raigad Bhavan, 7th Floor, Sector-11, CBD-Belapur, Navi Mumbai – 400614.
2. Ministry of Environment, Forest, 1st Floor, New Administrative Building, Mantralaya, Mumbai – 400032.
3. CPCB Parivesh Bhawan, Opp. VMC Ward Office No. 10, Shubhanpura, Vadodara, Gujarat

EC-11.25 LMPTA NPK (F.No. J-11011/167/2016-IA II (I), dt 02.09.2019, MoEF, IA Div., Indra Paryavaran Bhavn, Jor baug road, Delhi - 110 003.

SN	Conditions	Compliance details for April 2024 to September 2024	Attachment
I	EC : Specific Conditions		
a	Necessary permission as mandated under WPCPA-197 & APCPA-1981, as applicable from time to time, shall be obtained from the SPCB.	Complied. Consent to operate (CTO) including existing capacity of 9.25 LMPTA of multiple grade fertilizer is valid up to 31.03.2026. The consent to establish (CTE) for proposed expansion of 2 LMTPA is obtained. Consent to operate (CTO) will be obtained before going for commercial production.	Copy of CTE. (Annexure-1)
b	Necessary permission required under the HW and other waste (Mgt & transboundary movement) Rules 2016, shall be obtained and the provision contained in the rules shall be strictly adhered to.	Consent to operate (CTO) including existing capacity of 9.25 LMPTA of multiple grade fertilizer is valid up to 31.03.2026. The consent to establish (CTE) for proposed expansion of 2 LMTPA is obtained. Consent to operate (CTO) will be obtained before going for commercial production.	Copy of CTE. (Annexure-1)
c	To control source and the fugitive emission, suitable pollution control devices shall be installed to meet the prescribed norms and / or the AAQS. The gaseous emission shall be dispersed through stack of adequate height as per CPCB / SPCB guidelines	Complied. The adequate pollution control devices such as scrubber are provide. For NPK plant 2 stage tail gas scrubber is provided for scrubbing of Ammonia & Fluorides in sulphuric acid and water as scrubbing media, catalytic scrubbing system is provided for nitric acid plant. The off gases from Dryer, Cooler & Dust extraction system pass through scrubber where Phosphoric acid & Water use as a media for scrubbing. Cyclone separator is used for removing fine dust particles from Dryer, Cooler & Dust extraction system and recycle back to the proces. Adequate stack height is provided to all the emission stack as per CPCB guidelines NPK, Ammonia reformer, Nitric Acid Plant & tankfarm. The online monitoring system (OCEMS) is provided to NPK stack emission & connected to MPCB & CPCB server. The stack & fugitive emissions are monitored regularly by third party MOEF approved lab.	-
d	The green belt (GB) shall be developed in 31% i.e. 94122 m2 of the total project area along the plant periphery and also as committed by the project proponent, green belt shall be developed in additionally 2.6 acres' area (i.e. 10,600 m2) adjacent to the plots allotted by the MIDC for green belt development.”	Complied. We have developed & maintained green belt on 33% of total plot area including (31% i.e 94122 Sqm) plant premises, peripheral area including land of 2.6 acres (10,600 Sqm) which is acquired from MIDC.	Green belt statement with area & species & with current statement & photographs. (Annexure - 2)
e	National emission standard for fertilizer industry issued by the Ministry and amendment from time to time shall be followed.	Complied. The national emission standard are followed for monitoring the prescribed parameters. The online monitoring system (OCEMS) is provided to NPK plant & connected to MPCB & CPCB server. Periodical stack monitoring is being done by MOEF&CC approved laboratory and all parameters are within the prescribed limits stipulated.	Summary of OCEMS & Lab report (Annexure - 3)
f	10 meter wide green belt of perennial trees around periphery of the plant shall be developed.	Complied. 10 meter wide green belt of perennial trees around periphery of the plant has been developed.	Photographs (Annexure - 4)
g	Fresh water requirement shall not exceed 17000 m3 / day from MIDC water supply and prior permission shall be obtained from the concerned authority	Complied. Fresh water consumption does not exceeded and average consumption is 12302 m3/day in last financial year. The unit receives fresh water supply from MIDC.The monthly & daily summarized details of water consumption are given in attachment.	Water consumption summary for Six Month form Apr 2024-Sep 2024 (Annexure - 5)
h	Only 2309 m3/day wastewater shall be sent to CETP”.shall be implemented before the expansion operation.	Complied. Currently we are operating as per existing EC capacity.	Copy of EC Amendment (Annexure - 6)
i	Closed cooling system shall be provided to the CT	Noted. Our cooling towers are Cross-Flow Cooling Tower in a closed-loop cooling network	NA

j	As proposed adequate scrubber shall be provided to all reactors. Scrubber efficiency shall be > 99.9%	Complied. The adequate & efficient pollution control devices such as scrubber are provided. For NPK plant 2 stage tail gas scrubber is provided for scrubbing of Ammonia & Fluorides in sulphuric acid and water as scrubbing media, catalytic scrubbing system is provided for nitric acid plant. The off gases from Dryer, Cooler & Dust extraction system pass through scrubber where Phosphoric acid & Water use as a media for scrubbing. Cyclone separator is used for removing fine dust particles from Dryer, Cooler & Dust extraction system & send back to recycle.	NA
k	1000 trees / year shall be planted during 5 years in nearby villages with the consultation of the villagers. Survival rate of plants shall be reported to RO, MOEFCC in 6 monthly compliance report.	Compliance is in process. Forest land of 5 acers at Mahalungi village (Near to site) has been acquired for compliance and We have completed plantation and FY 2021-22 & 2022-23 and 2023-24 we have planted 3000 trees with survival rate is above 95%.	NA
l	The Committee deliberated the submission of the project proponent after detailed deliberations, recommended to utilize 0.75 % CER as stipulated in the EC dated 02.09.2019 and other 4.25% of the project in EMP related activities mentioned in EIA/EMP report and various commitments/activities made in public consultation. (Condition is amended in Sep 2021)	Compliance is in process. Funds have been allocated for CER and as per the amended condition we have spent 0.75% funds towards digitalization of nearest schools and remaining 4.25 percent will be in process.	Statement of CSE /CER & CSR report (Annexure - 7)
m	A regular environment manager having PG qualification in environmental science / engg. to be appointed for looking after the environment management activities of the proposed plant.	Complied. Environment manager having PG qualification in environmental science is appointed for looking after the environment management activities of the proposed plant.	NA
n	Scrubber to be provided to all emission sources.	Complied. The adequate & efficient pollution control devices such as scrubber are provide. For NPK plant 2 stage tail gas scrubber is provided for scrubbing of Ammonia & Fluorides in sulphuric acid and water as scrubbing media, catalytic scrubbing system.	NA
o	Continuous online (24X7) monitoring to be installed for flow measurement and measurement of pollutants within the treatment unit. Data to be uploaded on company's website and provided to the respective RO, MPEFCC, CPCB & SPCB.	Complied. Continuous online monitoring system (OCEMS) is installed on outlet of treated effluent of ETP and the same is connected to MPCB & CPCB portals' & CPCB shall access the online monitoring data through the OCEMS system.	Summary of OCEMS & Lab report (Annexure - 3)
p	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per The Factories Act.	Complied. The company has full-fledged Occupational Health Centre with medical doctor, male nurses, Ambulance with all required equipment & infrastructures etc. Occupational health surveillance of the Employees and contractor workers is done on a regular basis and records are maintained as per the Factories Act.	NA
q	The unit shall make the arrangement for protection of possible fire hazard during manufacturing process in material handling. Firefighting system shall be as per norms.	Complied. Adequate fire extinguishers & fire hydrant system is installed & maintained. The details of Fire Fighting Network and preparedness of unit in case of fire is detailed in Onsite Emergency Plan. Smoke detector and fire alarms are provided. Dedicated fire team in available 24x7 for fire protection & survilance. Fire training & Mock drills are continuously arranged.	NA
r	The by-product which fall under hazardous waste rules, be handled as per the provision of the said rules and necessary permissions shall be obtained under the said rules.	Not Applicable. The hazardous waste shall be handled & disposed/recycled according to the hazardous waste management guidelines.	NA
II EC :Generic Conditions			
i	The PP must strictly adhere to the stipulation made by the SPCB, sate Govt. & / or any other statutory authority.	Noted and being complied.	NA
ii	No further expansion or modification in the plant shall be carried out without prior approval of MOEFCC. In case of deviation or alterations in the project proposal from those submitted to the Ministry for clearance, a fresh refence shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.	Noted. No expansion at the site will be carried out without prior approval of MOEF, CPCB & MPCB and the same will be maintained in future.	NA

iii	The locations of AAQMS stations shall be decided in consultation with SPCB and it shall be ensure that at least one station each is installed in the upwind and down direction as well as where maximum ground level concentration are anticipated.	Complied. 3 Nos of Continuous online Ambient air (CAAQMS) stations are installed as per AAQMS standard (120 deg interval). data from the same transmitted to MPCB portals. For the parameters which are not captured in the CAAQMS stations are monitored monthly by third party MOEF&CC approved laboratory. The summary of CAAQMS for this compliance period is attached.	Summary of CAAQMS for this compliance period (Annexure - 8)
iv	The NAAQES issued by the Ministry vide GSR No. 826 (E), dated 16.11.2009 shall be complied with.	Complied. 3 Nos of Continuous online Ambient air (CAAQMS) stations are installed as per AAQMS standard (120 deg interval). data from the same transmitted to MPCB portals. For the parameters which are not captured in the CAAQMS stations are monitored monthly by third party MOEF&CC approved laboratory. The summary of CAAQMS for this compliance period is attached.	Summary of CAAQMS for this compliance period (Annexure - 8)
v	The overall noise levels in and around the plant shall be kept well within the standard by providing noise control measure including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under EPA-1986, EPR-1989 viz. 75 dBA (day time) and 70 dBA (night time).	Complied. The overall noise levels in and around the plant area are kept within the standards by providing noise control measures. The Unit has provided acoustic enclosures, preventive maintenance, to high noise generating machinery. The employees are provided Ear plug, ear muff while approaching to equipment. The green belt developed to curtain ambient air noise levels. Respective OEMS have provided equipment with inbuilt control on the noise like silences, hood etc. Also we have provided noise protective PPEs to employees in high noise area.	Summary of noise monitoring in this compliance period (Annexure - 9)
vi	The company shall harvest rain water from the roof top of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant.	Complied. System for rain water harvesting is provided at existing WNA 3 & 4 plant.	NA
vii	Training shall be imparted to all employees on S & H aspects of chemicals handled. Pre-employment and routine medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. Training and refresher training are provided to employees and contractor on S&H topic including chemicals.Pre-employment and routine medical examinations for all employees has been undertaken on regular basis.	NA
viii	The company shall comply with all the environmental protection measure and safeguard proposed in the documents submitted to the Ministry. All the recommendation made in the EIA / EMP in respect of environmental management, risk mitigation measure and public hearing shall be implemented.	Complied. The company is complying with all the environmental protection measures and safeguards as proposed in the documents submitted to the Ministry. All the recommendations made in the EIA / EMP in respect of environmental management, risk mitigation measures relating to the project will be implemented. The issued which are raised in public hearing are addressed & satisfactory complied.	NA
ix	The company shall undertake all measure for improving socio-economic conditions of the surrounding area. CSR activity shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measure shall be undertaken for overall improvement of the environment.	Complied. As a part of CSR various initiatives are taken involving villagers and other stack holders to meet socio-economic objectives. CSR report for FY 2024-25 is attached (Apr.24 to Sep.24)	CSR report (Annexure - 7)
x	A separate environment management cell equipped with full-fledged laboratory facilities shall be set up to carryout the environmental management and monitoring function.	Complied. A separate environment management cell equipped with full-fledged laboratory facilities has been provided to carryout the environmental management and monitoring function.	NA
xi	The company shall earmark sufficient funds toward capital cost and recurring cost per annual to implement the conditions stipulated by the MOEFCC as well as the state govt. along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measure shall not be diverted for any other purpose.	Noted. The sufficient funds are allocated towards EMP with capital & recurring cost.	NA

xii	A copy of the clearance shall be sent by the PP to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions / representation, if any, were received while processing the proposal.	Complied. Copy of the clearance shall be sent by the PP to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban local body and the local NGO,	NA
xiii	The PP shall also submit 6 monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective RO, MOEFCC, the respective zonal officer of CPCB & MPCB. A copy of EC and 6 monthly compliance status report shall be posted on the company website.	Complied. Last 6 monthly compliance report was submitted on 30 May 2024 for the compliance period of October 23 to March 24.	NA
ix	The EC for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned SPCB as prescribed under EPA-1986, as amended subsequently, shall also be put on the company website along with status of compliance of EC conditions and shall also be sent to respective RO, MOEFCC by e-mail.	Complied. Environment statement in Form-V for the year 2023-24 is submitted on 11th Sep 2024.	NA
xx	The PP shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB / committee and may also be seen at website of the Ministry at http://moef.nic.in . This shall be advertised within 7 days from the date of issue of the clearance letter, at least in two local news papers that are widely circulated in the region of which on shall be in the vernacular language of the locality concerned and copy of the same shall be forwarded to the concerned RO of the Ministry.	Complied. The advertisement in two local news papers on information that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB / committee and may also be seen at website of the Ministry at http://moef.nic.in .	NA
12	The ministry reserve right to stipulate additional conditions, If found necessary to subsequent stage & project proponent shall implement all the said condition in timebound manner. The ministry shall revoke & suspend the environmental clearance ,if implementation of any of above conditions is not found satisfactory.	Noted	NA
13	The above condition will be enforced,Inter-alia under the provision of water (Prevention & Control of pollution) act 1974, The Air (Prevention & Control of pollution) Act 1981 & Environmental (Protection act 1986, The hazardous waste rules (Management & Transboundary movement Rule 2016 & The Public Liability act 1991 read with subsequent amendments therein.	Noted.	NA

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R52)
No:- Format1.0/CAC/UAN
No.0000120200/CE/2206000970

Date: 19/06/2022

To,
M/s. SMARTCHEM TECHNOLOGIES LIMITED.
Plot Nos. K-1, K-1 (Part-1), K-1 (Part-2), MIDC
Industrial Area, Taloja
Tal- Panvel, Dist- Raigad



Your Service is Our Duty

Sub: Grant of Consent to Establish (Expansion) under Red/LSI

- Ref:**
1. Consent to Operate granted vide No. Format 1.0/CAC/UAN No. 0000108040/CO-2108001159 dated 20/8/2021
 2. Environmental Clearance granted vide No. J-11011/167/2016-IA-II (I) dated 02/9/2019
 3. Transfer of Environmental Clearance vide No. J-11011/167/2016-IA-II (I) dated 18/12/2020
 4. Minutes of Consent Appraisal Committee meeting held on 20/5/2022

Your application No.MPCB-CONSENT-0000120200 Dated 19.08.2021

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.190.81 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 1213.60 Crs, Total CI in Rs. 1404.41 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Multiple Grade of NPK Fertilizer (Different grads of AN & DAP based NPK fertilizer with an option of producing fortified grads from the same units as per EC)	200000	MT/A

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal Path</i>
1.	Trade effluent	70	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	0	As per Schedule-I	Not Applicable

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	S-1	NPK Process Stack Train-1 (Existing)	1	As per Schedule -II
2	S-2	NPK Process Stack Train-2 (Existing)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Not Applicable	0	--NA--	Not Applicable	Not Applicable

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

<i>Sr No</i>	<i>Category No./ Type</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
NA					

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. This Consent is issued without prejudice to the an orders passed or may be passed by Hon'ble National Green Tribunal.
11. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. J-11011/167/2016-IA-II (I) dated 02/9/2019
12. PP shall implement action plan as per the suggestions mentioned in IIT Report.
13. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity.
14. This consent is issued as per the minutes of Consent Appraisal Committee meeting held on 20/5/2022

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	380000.00	MPCB-DR-7675	30/08/2021	RTGS

Copy to:

1. Regional Officer, MPCB, Navi Mumbai and Sub-Regional Officer, MPCB, Taloja
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have proposed to provide Effluent Treatment Plant (ETP) of designed capacity of 4800.00 CMD consisting of Primary (Collection tank, Neutralization tank) for the treatment of 70 CMD of trade effluent.
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
D] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way for gardening / outside factory premises.
2. A] Generation - Nil
B] Treatment - NA
C] Disposal - NA
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	0.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	70.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	NPK process stack Train - 1(Existing)	Scrubber	64.50	Not Applicable 0 --NA--	-	TPM	150 Mg/Nm ³
						NH3	50 Mg/Nm ³
						HF	10 Mg/Nm ³
S-2	NPK process stack Train - 2 (Existing)	Scrubber	64.50	Not Applicable 0 --NA--	-	TPM	150 Mg/Nm ³
						NH3	50 Mg/Nm ³
						HF	10 Mg/Nm ³

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	NA	0	NA	NA	NA	NA

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

ANNEXURE: 2

Green Belt statement development

EC Condition 11. (d): The green belt (GB) shall be developed in 31% i.e., 94122 m² of the total project area along the plant periphery and as committed by the project proponent, green belt shall be developed in additionally 2.6 acres' area (i.e., 10,600 m²) adjacent to the plots allotted by the MIDC for green belt development.”

Compliance details: Compiled. We have maintained 33% green belt in & around our plant premises.

To meet this requirement with due clearance form MOEFCC EAC we have taken 2.6-acre MIDC plot connected to our premises and used it totally for development of green belts (2% of remaining green belt). Attaching plot acquisition letter of MIDC.

Details Total Plot	Plot area (Sqm)	Total Green belt area (Sqm)	Total Geen Belt (%)	Species	Survival rate
K-1 TO k-5 (Plant site)	3,03,619.4	98,644.32	32.48	Gulmohar,Kadamba, Neem,Karanja,Subabul, Peltophorum,Banyan , Umber,Rain Tree, Bakul,Pimple,Jamun, Mango etc.	95%
OS 16/4 & OS 17/1 (Additional land)	10,600	10,600	3.49		95%
Total	3,14,219	1,09,244.32	35.97		--

PHOTOGRAPHS OF GREEN BELT:

1. Inside Premises:



2. Peripheral Side /Along the Boundary



3. MIDC Plot (OS 16 & 17):



ANNEXURE-3

OCEMS Details

Month	NPK-1			NPK-2			ANP Prilling Tower K-1			AN Prilling Tower K1		CFB		
	PM	HF -(mg/Nm3)	Ammonia-(mg/Nm3)	PM	HF -(mg/Nm3)	Ammonia-(mg/Nm3)	PM	NH3	HF -(mg/Nm3)	PM	NH3	SO2	NOX	PM
Apr-24	20.95	1.14	12.53	0.99	0.35	27.12	17.98	9.47	0.35	0.23	2.04	73.86	13.17	10.05
May-24	29.79	0.97	5.34	5.05	0.43	13.37	29.69	11.37	0.31	3	2	234.13	127.16	20.73
Jun-24	29.79	1.05	2.40	12.22	0.53	19.01	9.15	9	0.33	11.27	6.36	213.46	111.88	30.2
Jul-24	33.74	1.37	25.28	33.74	0.54	21.08	38.65	13.24	0.38	12.29	2.51	138.13	87.68	38.54
Aug-24	29.74	1.37	18.29	28.05	0.46	23.86	10.21	13.90	0.37	4.72	1.82	263.74	197.57	24.27
Sep-24	26.38	1.49	20.59	34.97	0.40	22.46	22.06	12.97	0.35	10.12	4.46	129.53	209.93	26.09
Average	28.40	1.23	14.07	19.17	0.45	21.15	21.29	11.71	0.35	7.01	3.22	175.48	124.57	24.98
MPCB Limit	150 mg/Nm3	10 mg/Nm3	300 mg/Nm3	150 mg/Nm3	10 mg/Nm3	300 mg/Nm3	150 mg/Nm3	300 mg/Nm3	10 mg/Nm3	150 mg/Nm3	300 mg/Nm3	600 mg/Nm3	300 mg/Nm3	150 mg/Nm3















ANNEXURE-5

Water consumption details

S.N.	Products	Consented /Installed capacity	UOM	Water consumption (M3/Ton)	Production (MT/day)	Water consumption (M3/day)
1	Ammonia	140400	MTA	0	0.0	0.0
2	Weak Nitric Acid (WNA) from WNA-I, WNA-II & WNA-IV	346500	MTA	1.717	798.5	1371.0
3	Technical Grade Ammonium Nitrate" plus Ammonium Nitrate Melt	144000	MTA	0	373.7	0.0
4	Multiple Grade NPK fertilizer (DAP based) with an option of producing fortified grade from the same unit as per EC.	925000	MTA	0.216	2241.7	484.2
5	Electric Power (Coal Based)	9	MW	0	1.222	0.0
6	Hydrogen Gas	960	MTA	0	0.0	0.0
7	CO2 Gas	72000	MTA	0	0.0	0.0
						1855.2

File No. J-11011/167/2016-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division
(Industry-3)

Indira Paryavaran Bhawan,
Jor Bagh Road,
New Delhi – 110003.

Dated: 16th January, 2023

To

M/s Smartchem Technologies Limited,
Plot No. K-1, MIDC area, Taloja,
Raigad, Maharashtra - 410208.
E-Mail ID: nandkishor.dabade@dfpcl.com

SUB.: Expansion of the Fertilizer Plant located at Plot K1- K5, MIDC Industrial area, Taloja, District Raigad, Maharashtra by M/s Smartchem Technologies Limited - Amendment in Environmental Clearance

REF.: Your proposal No. IA/MH/IND3/276713/2022, dated 21st June 2022, on the above subject matter.


Sir/Madam,

1. The proposal is for amendment in the Environmental Clearance granted by the Ministry vide letter dated 2nd September, 2019 (F. No. J-11011/167/2016-IA-II(I)) for the Expansion of the Fertilizer Plant of Deepak Fertilizers and Petrochemicals Corporation Limited located at Plot K1- K5, MIDC Industrial area, Taloja, District Raigad, Maharashtra. The EC was subsequently transferred from M/s Deepak Fertilizers and Petrochemicals Corporation Limited to M/s Smartchem Technologies Limited vide letter of even no. dated 18.12.2020.
2. The proposal was appraised by the Expert Appraisal Committee (Industry-3) in its 34th and 43rd meetings held on 13th July, 2022 and 30th November 2022 respectively, wherein the EAC deliberated on various issues. The EAC recommended the following amendment in the EC, subject to additional conditions:
The specific condition no. (h) under para 11 of the EC, shall be revised/read as “Only 2309 m³/day wastewater shall be sent to CETP”.
3. The Ministry of Environment, Forest and Climate Change hereby accords approval for the above amendment in the EC dated 2nd September, 2019 subject to the following additional conditions with all other terms and conditions stipulated in the EC remaining unchanged.
 - i. All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The Project proponent 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.


- ii. The project proponent 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 issues with approval of the competent authority.


(Dr. M. Ramesh)
Scientist 'E'

Copy to: -

1. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001.
2. The Secretary, Environment and Climate Change Department, Govt. of Maharashtra, New Administrative Bhavan, 15th Floor, Madame Cama Road, Mantralaya, Mumbai – 400032.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032.
4. The Member Secretary, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi – 110011.
5. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. PVR Cinema, Sion Circle, Mumbai-400 022.
6. The District Collector, Raigad District, Maharashtra.
7. Guard File/Monitoring File/PARIVESH.


(Dr. M. Ramesh)
Scientist 'E'
Tel.: 011-20819338
Email: ramesh.motipalli@nic.in



Deepak Fertilizers and Petrochemicals Corporation Ltd, Mahadhan Agritech Limited Taloja Performance Chemiserve Limited CSR Report 2024-2025 Half Yearly

Introduction:

As a true corporate citizen, DFPCL and its subsidiaries are committed to social thought and action, resolute in their dedication to serving the society they live in. The companies have been engaged in community work through the “Ishanya Foundation” in Taloja and Pune, Maharashtra.

The CSR arm of Deepak Fertilisers and Petrochemicals Corporation Limited (DFPCL) and its group companies (MAL & PCL), *Ishanya Foundation (IsFon)*, is a registered NGO under the provisions of the Bombay Public Trust Act, 1950.

DFPCL and its group companies have always considered their surrounding communities as important stakeholders in their business and are committed to contributing towards improving their quality of life through various measures. Projects are being implemented in 63 villages/hamlets at Taloja Rural and urban areas of Pune.

VISION

The CSR Policy will act as an effective catalyst in Company's geographies of operations in creating a self-reliant and respectable society with secure and sustained means to livelihood, through employable skills and resource support and additionally to promote and support the rich cultural heritage of India.

MISSION

The mission for the identified society at large, in geographies of DFPCL's and its Group companies' (MAL, PCL) operations and influence, shall be:

- To identify the potential of and gaps in the economic and social support systems, so as to help develop a sustained, self-reliant society with special emphasis on the youth, women & marginal farmers.
- To undertake vocational skills and soft skill development initiatives enabling sustained and respectable employment opportunities for leading a self-reliant life
- To facilitate income generation programs of individuals / groups through alignment of skill development with self-employment opportunities
- To provide marketing and financial support to help enhance sustained income generation initiatives
- To generate community development activities and promote self-help groups so as to improve the living conditions of people through peoples' initiatives.
- To initiate activities and develop government / institutional linkages in community preventive / corrective health facilities where needed
- To undertake farmer skill building, soil / nutrient / agri-inputs / produce enhancement initiatives

- To support performing arts among local communities for promotion of talent & cultural richness of society.
- To provide a much-needed crisis support for unexpected calamities and disasters
- To co-ordinate / conduct any other CSR initiatives which are consistent with the provisions of Section 135 of the Companies Act, 2013 or other provisions as may be prescribed by the government from time to time.

Under CSR initiatives projects and activities are being implemented:

DFPCL and its group companies are implementing need-based activities in more than 63 hamlets and villages of New Panvel and urban areas of Pune through the Ishanya Foundation.

Agri Based Livelihood

- Horticulture Plantation (Mango)
- Promotion of Vegetables crops
- Promotion of Floriculture
- Farmers Capacity Building

Dairy Service Centre Project

- Cattle Induction
- Door-step health services for cattle
- Artificial Insemination
- Fodder Development
- Vaccination
- Farmers Capacity Building

Vocational Skill Development Project

- Sponcership to Diploma in ophthalmology Students
- Tailoring Training
- Soft skill training

Aarogyam Project

- Mobile Medicine Unit
- Eye camp
- Infrastructure Development for Health facility/ Health Centres
- Pathology lab

Gyanam Project

- Infrastructure development for School
- Digitization of School Classrooms
- Create Facility
- Career Guidance Seminars

Livelihood Inhancement Through Enterprenurship Development (LEED)

- Yellow Ribbon NGO & Artisan Fair
- Muskan
- Support for Income Generation Activity

Community Development And Social Welfare Project

- Infrastructure development and Need based activity.
- 1000 LPH RO unit installation for Kolwadi
- Open Gym at Valap and Shirvali

1. Agri Based Livelihood:

The Ishanya Foundation has been actively involved in the Agri-Based Livelihood project (Wadi) from March 2012 to March 2024 in tribal areas. Earlier, Isfon was implementing the Wadi model on half an acre of land. However, nowadays, land is being divided day by day, leading to smaller land holdings per farmer. Farmers are now seeking alternatives to generate more income from less land. As a result, Isfon has planned to demonstrate high-density mango plantation on a 5-acre area within the existing Agri-Based Livelihood project area. ***The transition from the traditional Agri Based Livelihood model (plantation of 30 mango plants on half-acre area) to High Density Plantation (plantation of 50 mango plants on 5R area) reflects a forward-thinking approach.***

The significance of this shift:

1. High Density Plantation (HDP):

- HDP involves planting trees or crops at higher densities within a given area.
- The goal is to maximize yield, optimize land use, and enhance productivity.
- By planting more trees or crops per unit area, farmers can achieve better resource utilization.

2. Benefits of High-Density Plantation:

- Increased Yield: HDP often results in higher yields due to efficient space utilization.
- Resource Efficiency: It minimizes wastage of land and resources.
- Early Harvest: Trees or crops mature faster in HDP systems.
- Better Pest Management: Dense planting can deter pests and diseases.
- Improved Income: Higher yields translate to better income for farmers.

Under this project we have targeted 18 villages those have tribal population.

As per new amendment in CSR act ongoing project should not be more than 04 years (including year of inception). Therefore, we have taken Agri Based Livelihood project under annual project.

Major Achievements:

Sr. N.	Activity	Unit	HY-Achi	Remarks
A	Horticulture Plantation			
	Facilitation to existing wadi Beneficiaries	Nos. of Wadi	380	Support for Mango sale / Collected Mortality Data: 93.81 % Survival / Wadi Meetings / Kisan Melava
B	High Density Mango Wadi			
1	Layout, Pit Digging/Filling, Basal dose application		25	25 beneficiaries completed activities as per plan.
2	ACR for Digging of 55 pits for Mango and Refilling of pits with basal dose		25	25 beneficiaries completed activities as per plan.
3	Mango Grafts Support (Per Wadi 60 Grafts)		25	25 beneficiaries completed the plantation as per plan.
4	Plant Nutrition Support		25	Distributed fertilizers and applied to the mango plants.
5	Hand Tools (Secateurs)		25	
C	Development of Model /Trial Plot			
	Fruit crop trail Plot (Apple-2, Avocado-1, Cashew-2)	No. of Plots	2	Cashew Plot : 02 plantation done Apple and Avocado Plot: Planned in Oct 24
	Mango graft nursery	No. of Grafts	7850	Mango Graft Prepared:7850 Sold during the QTR: 3620 (₹ 74210).
	Vegetable seedlings Nursery (40000 nos)	No of Seedlings	17100	Total Seedling Prepared: 17100 Nos. Own use: 5500 Seedlings

D	Capacity Building			
1	External Exposure for Mango Graft nursery- 07 beneficiaries	No. of Events	1	Date: 15/16 July 2024 Location: Lachakadi Gujrat state. Total Beneficiaries: 07 Nos.
2	External Exposure for Vegetable nursery- 07 beneficiaries		1	Date: 5 Oct 24/ 31 May 24 Location: Pune/ Harsul, Nasik Block Total beneficiaries: 07 Nos / 16 Nos
3	External Exposure for High Density Plantation for 14 beneficiaries		1	Date: 31 May 24 Location: Harsul, Nasik Block Total beneficiaries: 16 Nos
4	Village Meetings		63	Total Beneficiaries: 490 Nos
5	Kisan Melava		1	Date: 7 th Jun 2024 Subject: Best management practices of HDP wadi and Pest Disease Management on Vegetable crop. No of attend: M – 40, F – 12

WADI PROJECT

Market linkages for Mango Sell 2024-25



Given Training to Aspirants for Harvesting and Packaging of Mangoes

IsFon Pune: Booking of mangoes over phone.

DFPCL K1: Taken advance booking from employees.

Organised Stall at K1



Number of wadi started fruiting	No of Plants started Fruiting	Yield (Kg)	Sold - Local Market/ Trader	Home consumption	Income in Rs.
310	3202	25,299	15,230	10,069	21,67,550





2. Dairy Service Centre Project

Dairy is an important subsidiary source of income for small/marginal and agricultural laborers in rural areas. The manure from animals provides good sources of organic matter to improve soil fertility and crop yield. The surplus fodder and agricultural by products are gainfully utilized for feeding the animals. Since agriculture is mostly seasonal, there is possibility of finding employment throughout year for many women through dairy farming. Thus, dairy also provides employment throughout the year.

This rural initiative addresses small / marginalized / landless farmers and labourers and aims to enhance dairy farming productivity. Aspirants for this project are selected with due diligence based on set criteria.

- Eligible women of farmer's household are supported with cow
- Provides an opportunity for the farmers to earn about Rs.8,000/- to 12,000/- per month through the sale of milk and cow dung.
- Assistance in the development of fodder plots
- Doorstep services of artificial insemination followed by pregnancy diagnosis of cows and buffaloes.

Major Achievements:

S N	Activity	Unit	HY- Achi	Remarks
A	Support for Dairy Enterprise			
1	Purchase of Cows	No. of Families	05	Date-20.7.24, Cows purchased from Kashti Market
2	Support for Calf Grower- 50 kg/Bag	No. of Calf	150	
B	Capacity Building			
1	Training on livestock management to each new cow batch (5 Aspirants/batch)	Nos. No. of Visit	1	Conducted one training
2	Expert Visit to critical cows		1	Veterinary Expert visit organized for further guidance to the dairy participants.
3	Internal Exposure		1	Conducted Exposure visit at Ideal Dairy Farm
4	Training on livestock management, Feed & Fodder		1	Date: 3 rd July 24 Location: Pale Office Total Beneficiaries: 29 (M-17 + F-12)
C	Fodder Development			
1	Azolla	Nos.	3	Developed 3 Demo
D	Artificial Insemination			
1	Artificial Insemination	Nos	456	
2	Calving	Nos	165	(Male-84, Female-81)

S. N.	Particulars	Cow Milk (Lit.)	Milk Yield Calf (Lit)	Total Milk (Lit)
A	Milk Production			
1	Milk Consumed at home	10235	3040	13275
2	Milk Consumed by Calf	11005	4200	15205
3	Milk sold in the Market	61160	21320	82480
	Total Milk Production	82400	28560	110960
	Additional Income through sale of Milk	₹ 2996050	₹ 1048800	₹ 4044850
B	Additional output: Cow Dung Produced _ MT	16.28	6.42	22.7



3. Vocational Skill Development Programme:

Skill enhancement through various training programs such as Tailoring courses and Optometry courses were initiated by IsFon. These activities created a positive impact on the aspirants, by providing them financial stability and inclusivity within the community.

Major Achievements:

Sr. N.	Activity	Unit	HY-Achi	Remarks
1	Sponsorship for BSc. Optometry (Laxmi College of Optometry, Panvel)- IInd Yr-01 +IIIrd Yr- 03	No. of Students	4	Supported to four students Rs.2.72 Lakh.
2	Tailoring Course Pale Kh. Centre	Nos of Aspirants	16	<ul style="list-style-type: none"> • 16 Aspirants Completed Course • 3 Aspirants Drop Out • 13 aspirant's ongoing course



4. Aarogyam Project:

IsFon aims to improve the health status and thereby develop a healthy society by improving quality of life of the vulnerable populations in and around Pune city and the villages of Taloja MIDC through preventive health care services. This holistic health objective is woven around proactive diagnosis and care with the following objectives:

- To assess and diagnose the health needs of individuals, families and communities as well as providing comprehensive care
- To provide qualitative, preventive and curative health care to the community
- To provide doorstep healthcare services through Mobile Clinic
- Increase the focus on health promotion and prevention, screening and early intervention
- To improve access to health care services

- Reduce medical expenses and early detection of diseases of the needy through early diagnosis
- To conduct health awareness programs
- Support during the pandemic

Major Achievements:

S. N.	Activity	Unit	HY-Achi	Remarks
1	Mobile Clinic	Nos. Patients	12830	Doorstep health services provided to 12834 patients through mobile clinic from 40+ villages in and around Taloja MIDC.
2	Eye Check Up Camp	Nos	5	A total of 840 patients were examined. Out of that 160 patients have been detected having cataract and 246 detected having vision problem.
i	Cataract Surgery	Nos	88	88 Patients Cataract surgeries have been done.
ii	Spectacle Distribution	Nos	246	Spectacle distributed to 246 patients.
iv	School Screening camp for Eye Check up	Nos	1	Camps Organized at RZP School Khedukpada, Pale Kh, Chindran, Tal. Panvel. In this camp total 183 Students examined.
3	Path Lab (Sample Collection Centre)	Nos	223	Extended support for diagnostics of blood/urine samples as per doctor's recommendation.
4	Food Kit Support for TB Patients in Taloja	Nos	200	Distributed nutritional food kit to 200 TB patients.
5	Skin Camp	Nos	02	Location: Dongryachapada Village Total Patients: 246 patients
6	Safety Grill & Door for Tondre Aanganwadi	Nos	1	Work Complete as per BOQ and design

EYE CHECK UP CAMPS





5. Livelihood Enhancement through Entrepreneurship Development (LEED)

Although several aspirants dream of having their own business or expanding their existing business, they face many stumbling blocks and find it challenging to do so due to poor entrepreneurial capabilities, unavailability of information and access to markets as well as lack of finances to purchase related equipment's. This adversely affects their socio-economic conditions.

Our Entrepreneurship program offers them help to start and expand a business idea. The programme seeks to enhance skills and knowledge to empower entrepreneurs to run small businesses through various initiatives.

- High-end sewing machines were given to beneficiaries to help them stitch faster with good finishing.

- Support of parlor chairs and two-in-one steamer were given to the beneficiaries to help them to start their own parlor.
- Hand carts were given to small vegetable and fruit vendors who were selling on the streets to start their own business.

Major Achievements:

Sr. N.	Activity	Unit	HY-Achi	Remarks
1	Support to Individuals towards Enhancing Entrepreneurship	Nos	5	Provided various types of tools and equipment for strengthening their existing businesses.
2	Yellow Ribbon NGP Fair at Pune	Nos.	1	Organized Yellow Ribbon NGO fair at Ishanya Mall, Yeravda, Pune from 26 th Sep to 1 Oct 2024

Livelihood Enhancement through Entrepreneurship Development (LEED) _ Case Study



Project: LEED_ Support for VC Cooler

Support Year: 2023-24

Name of Aspirant : Mr. Dattatrey Baban Bhagat
Village : Bhalyachiwadi Taluka: Panvel, District: Raigad.
Support of : VC Cooler for Grocery and vegetables shop.
Support Amount : ₹ 37000/- (₹ 25,000/- grant form IsFon)

Family Profile : Dattatrey and Sunita live in an interior tribal village.
Earlier income source Sale of Grocery and General shop material
Present income source Grocery and general shop material, additionally selling vegetables and cold drinks.

Land : landless

Before intervention daily income ₹ 200.00

After intervention daily income: ₹ 300.00



EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-A-24-04-01108 A

Report Issue Date : 15-Apr-24

ULR-TC682024000024683F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near NPK Gate Sample Description : Ambient Air Monitoring Temperature : 32 °C Relative Humidity : 58% Receptor Height : 3.0 m From Ground Level	Date of Sampling : 03-Apr-24 To 04-Apr-24 Date of Receipt : 6-Apr-24 Date of Start of Analysis : 6-Apr-24 Date of End of Analysis : 13-Apr-24 Lateral Distance : 1.5 m
---	--

Discipline : Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	48.7	< 80	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	90.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.46	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<8.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	12.5	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

* IS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tamba



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-A-24/04/01109 A

Report Issue Date : 15-Apr-24

ULR-TC882024000024684F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popola

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Coal Fire Boiler Plant	Date of Sampling : 03-Apr-24 To 04-Apr-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 6-Apr-24
Temperature : 33 °C	Date of Start of Analysis : 6-Apr-24
Relative Humidity : 50%	Date of End of Analysis : 13-Apr-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	47.4	< 60	NAAQs
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	86.2	< 100	NAAQs
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.65	< 4	NAAQs
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	6.5	<180	NAAQs
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQs
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQs
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQs
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	11.4	< 400	NAAQs
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQs
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQs
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQs
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQs

* NAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



TC-8820


 Technical Manager - Instrumentation
 (Authorized Signatory)
 Mr. Sachin Tambe



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.04.01107 A

Report Issue Date : 15-Apr-24

ULR-TC682024000024082F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near ETP & RO Plant Area	Date of Sampling : 03-Apr-24 To 04-Apr-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 5-Apr-24
Temperature : 31 °C	Date of Start of Analysis : 5-Apr-24
Relative Humidity : 58%	Date of End of Analysis : 13-Apr-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
 Group : Atmospheric Pollution

LIST OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	49.5	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	84.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.70	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	10.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	10.7	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 5	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

* QS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.04.01105.A

Report Issue Date : 15-Apr-24

ULR-TC882024000024881F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartschem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MDC Talaja, Tal. Pawet, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Main Gate	Date of Sampling : 03-Apr-24 To 04-Apr-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 6-Apr-24
Temperature : 31 °C	Date of Start of Analysis : 6-Apr-24
Relative Humidity : 57%	Date of End of Analysis : 13-Apr-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
 Group : Atmospheric Pollution

I. TESTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	56.6	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	87.3	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.7	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	6.3	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	2.9	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

* QS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Anil Manohare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambre



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX:001.LAB/A:24.05:02944 A

Report Issue Date : 18-May-24

ULR - TC662024000029580F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Main Gate	Date of Sampling : 09-May-24 To 10-May-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 11-May-24
Temperature : 31.5 °C	Date of Start of Analysis : 11-May-24
Relative Humidity : 68%	Date of End of Analysis : 16-May-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	52.0	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	92.3	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<100	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 8	7.0	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	<2.0	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.



Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare

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END OF REPORT




Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 16-May-24
URL - TC98202400029581F

Reference Number : EQNX.001.LAB.A.24.05.02945 A

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near ETP RO Plant Area	Date of Sampling : 09-May-24 To 10-May-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 11-May-24
Temperature : 31.5 °C	Date of Start of Analysis : 11-May-24
Relative Humidity : 68%	Date of End of Analysis : 16-May-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	48.7	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	89.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	2.9	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	2.8	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	55.5	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remarks : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Manchare




 Technical Manager - Instrumentation
 (Authorized Signatory)
 Mr. Sachin Tambre



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/A/24/05/02946 A

Report Issue Date : 18-May-24

ULR - TC582024000029583F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MDC Taleja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near NPK Gate Sample Description : Ambient Air Monitoring Temperature : 31.5 °C Relative Humidity : 68% Receptor Height : 3.0 m From Ground Level	Date of Sampling : 09-May-24 To 10-May-24 Date of Receipt : 11-May-24 Date of Start of Analysis : 11-May-24 Date of End of Analysis : 16-May-24 Lateral Distance : 1.5 m
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Discipline : Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	51.6	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	85.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.5	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	2.7	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	<2.0	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 15-May-24
ULR - TC682024000029584F

Reference Number : EQNX.001.LAB-A24.05.02947.A

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Coal Fire Boiler Plant	Date of Sampling : 09-May-24 To 10-May-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 11-May-24
Temperature : 31.5 °C	Date of Start of Analysis : 11-May-24
Relative Humidity : 68%	Date of End of Analysis : 15-May-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	45.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	80.6	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	2.1	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	2.6	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	<2.0	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.



Assistant Manager - Air
 (Authorised Signatory)
 Mr. Anil Mandhare





Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



Note :

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END OF REPORT

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A:24.06.02406 A

Report Issue Date : 14-Jun-24
ULR - TC682024000037143F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MDC Taloja, Tal. Pawet, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Main Gate	Date of Sampling : 05-Jun-24 To 06-Jun-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 8-Jun-24
Temperature : 30.8 °C	Date of Start of Analysis : 10-Jun-24
Relative Humidity : 73%	Date of End of Analysis : 13-Jun-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	51.2	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	90.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	1.9	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<8.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	21.6	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.
Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Adil Manchare
Note :




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EGNX.001.LAB.A.24.06.02497 A

Report Issue Date : 14-Jun-24

ULR - TC582024000037144F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near ETP And RO Plant Area	Date of Sampling : 05-Jun-24 To 06-Jun-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 8-Jun-24
Temperature : 30.8 °C	Date of Start of Analysis : 10-Jun-24
Relative Humidity : 73%	Date of End of Analysis : 13-Jun-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	45.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	96.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	3.9	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	9.7	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<8.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	37.3	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.06.02498 A

Report Issue Date : 14-Jun-24

ULR - TC682024000037145F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near NPK Gate	Date of Sampling : 05-Jun-24 To 06-Jun-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 8-Jun-24
Temperature : 30.8 °C	Date of Start of Analysis : 10-Jun-24
Relative Humidity : 73%	Date of End of Analysis : 13-Jun-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	54.5	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	88.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.4	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	4.6	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	3.9	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	34.4	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Manchare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.06.02499 A

Report Issue Date : 14-Jun-24

ULR - TC682024000037146F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartschem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taleja, Tal. Pavet, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Coal Fire Boiler Plant	Date of Sampling : 05-Jun-24 To 06-Jun-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 8-Jun-24
Temperature : 30.8 °C	Date of Start of Analysis : 10-Jun-24
Relative Humidity : 73%	Date of End of Analysis : 13-Jun-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	40.8	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	92.1	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	11.6	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	20.7	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/A/24/07/01627 A

Report Issue Date : 11-Jul-24

ULR - TC882024000046153F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Main Gate	Date of Sampling : 03-Jul-24 To 04-Jul-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 5-Jul-24
Temperature : 29.5°C	Date of Start of Analysis : 5-Jul-24
Relative Humidity : 79%	Date of End of Analysis : 10-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	45.8	< 80	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	91.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.46	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	60.1	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

R...K : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abdul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.07.01628 A

Report Issue Date : 11-Jul-24

URL - TC682024000046154F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near ETP & RO Plant Area	Date of Sampling : 03-Jul-24 To 04-Jul-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 5-Jul-24
Temperature : 29.5°C	Date of Start of Analysis : 5-Jul-24
Relative Humidity : 79%	Date of End of Analysis : 10-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	44.1	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	87.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.61	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	3.6	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	6.0	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	40.0	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Manshure




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.07.01629 A

Report Issue Date : 11-Jul-24

ULR - 1C682024000045150F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near NPK Gate Sample Description : Ambient Air Monitoring Temperature : 29.5°C Relative Humidity : 70% Receptor Height : 3.0 m From Ground Level	Date of Sampling : 03-Jul-24 To 04-Jul-24 Date of Receipt : 5-Jul-24 Date of Start of Analysis : 5-Jul-24 Date of End of Analysis : 10-Jul-24 Lateral Distance : 1.5 m
--	--

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	41.6	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	85.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.65	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	5.6	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	20.7	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assisted Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



Note :

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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNDC001.LAB.A-24-07-01630.A

Report Issue Date : 11-Jul-24

ULR - TC682024000046156F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvat, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Coal Fire Boiler Plant Area	Date of Sampling : 03-Jul-24 To 04-Jul-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 5-Jul-24
Temperature : 29.5°C	Date of Start of Analysis : 5-Jul-24
Relative Humidity : 79%	Date of End of Analysis : 10-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	44.9	< 80	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	80.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.48	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	45.0	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remarks : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB: A.24.08.02005.A

Reference Number : A.24.08.02005.A

Report Issue Date : 14-Aug-24

ULR - TC682024000055331F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited

Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Coal Fire Boiler Plant

Sample Description : Ambient Air Monitoring

Temperature : 31.6 °C

Relative Humidity : 82%

Receptor Height : 3.0 m From Ground Level

Date of Sampling : 05-Aug-24 to 06-Aug-24

Date of Receipt : 7-Aug-24

Date of Start of Analysis : 7-Aug-24

Date of End of Analysis : 13-Aug-24

Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	37.9	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	74.0	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.46	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	50.2	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	<0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards

Remark : All the parameters are found within limits


Assistant Manager - Air
(Authorised Signatory)
Mr. Abul Mandhare




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe

Note :

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB: A.24.08.02004 A
 Reference Number : A.24.08.02004 A

Report Issue Date : 14-Aug-24
 ULR - TC682024000055330F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taleja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near NPK Gate
 Sample Description : Ambient Air Monitoring
 Temperature : 31.6 °C
 Relative Humidity : 82%
 Receptor Height : 3.0 m From Ground Level

Date of Sampling : 05-Aug-24 to 05-Aug-24
 Date of Receipt : 7-Aug-24
 Date of Start of Analysis : 7-Aug-24
 Date of End of Analysis : 13-Aug-24
 Lateral Distance : 3.0 m

Disclaimer: Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sl. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	38.3	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	81.4	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-30-00	0.50	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<5.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	44.9	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

P--mark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe

Note :

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB: A.24.08.0203.A
 Reference Number : A.24.08.0203.A

Report Issue Date : 14-Aug-24
 ULR - TC682024000055329F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. X-1, K-1 (Part-1), K-1 (Part 2), MIDC Tabja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near ETP And RO Plant Area
 Sample Description : Ambient Air Monitoring
 Temperature : 31.6 °C
 Relative Humidity : 62%
 Receptor Height : 3.0 m From Ground Level

Date of Sampling : 05-Aug-24 to 06-Aug-24
 Date of Receipt : 7-Aug-24
 Date of Start of Analysis : 7-Aug-24
 Date of End of Analysis : 13-Aug-24
 Lateral Distance : 3.0 m

Discipline : Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sl. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	42.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	88.3	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.45	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<0.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	33.5	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Beruzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards

* Mark : All the parameters are found within limits


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abdul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tamba

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB. A:24.08.02002 A
 Reference Number : A:24.08.02002 A

Report Issue Date : 14-Aug-24
 ULR - TC682024000055328F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Main Gate
 Sample Description : Ambient Air Monitoring
 Temperature : 31.6 °C
 Relative Humidity : 82%
 Receptor Height : 3.0 m From Ground Level

Date of Sampling : 05-Aug-24 to 06-Aug-24
 Date of Receipt : 7-Aug-24
 Date of Start of Analysis : 7-Aug-24
 Date of End of Analysis : 13-Aug-24
 Lateral Distance : 3.0 m

Discipline : Chemical
 Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	42.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	90.3	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.63	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	44.7	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

† mark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB. A/24/09/01401.A

Report Issue Date : 13-Sep-24

ULR - TC652024000062673F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Main Gate	Date of Sampling : 03-Sep-24 to 04-Sep-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 5-Sep-24
Temperature : 29.5 °C	Date of Start of Analysis : 5-Sep-24
Relative Humidity : 79%	Date of End of Analysis : 11-Sep-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	42.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	76.4	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.56	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	19.8	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	43.4	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	15.3	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Aul Mandhara




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB: A:24.09.01404 A

Report Issue Date : 13-Sep-24

ULR - TC662024000062676F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Coal Fired Boiler Plant	Date of Sampling : 03-Sep-24 to 04-Sep-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 5-Sep-24
Temperature : 29.5 °C	Date of Start of Analysis : 5-Sep-24
Relative Humidity : 79%	Date of End of Analysis : 11-Sep-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	36.6	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	70.4	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.63	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	1.3	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	9.9	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	43.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Amonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	11.0	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.



Assistant Manager - Air
(Authorised Signatory)
Mr. Anil Mandhane

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****END OF REPORT****





Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 13-Sep-24

ULR - TCGR2024000052675F

Reference Number : EQNX.001.LAB: A:24.09.01403 A

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Takiya, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near NPK Gate
 Sample Description : Ambient Air Monitoring
 Temperature : 29.5 °C
 Relative Humidity : 79%
 Receptor Height : 3.0 m From Ground Level

Date of Sampling : 03-Sep-24 to 04-Sep-24
 Date of Receipt : 5-Sep-24
 Date of Start of Analysis : 5-Sep-24
 Date of End of Analysis : 11-Sep-24
 Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	45.8	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	73.3	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.7	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	1.3	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	10.2	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	41.4	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	11.2	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzene Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Mandhara




 Technical Manager - Instrumentation
 (Authorised Signatory)
 Mr. Sachin Tambe

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 13-Sep-24
 ULR - TC882024000062674F

Reference Number : EQNX.001.LAB: A.24.09.01402.A

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near ETP & RO Plant Area	Date of Sampling : 03-Sep-24 to 04-Sep-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 5-Sep-24
Temperature : 29.5 °C	Date of Start of Analysis : 5-Sep-24
Relative Humidity : 79%	Date of End of Analysis : 11-Sep-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	47.9	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	75.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.54	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	1.5	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	12.0	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	40.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	22.3	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhane

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****END OF REPORT****




 Technical Manager - Instrumentation
 (Authorized Signatory)
 Mr. Sachin Tambre

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N.24.04.04428 Report Issue Date : 23-Apr-24
 ULR-TC682024000034831F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1JK-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 17-Apr-24 To 18-Apr-24
 Sampling Location : Near Main Gate Area Date of Receipt : 18-Apr-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Apr-24	11:00	62.3	18-Apr-24	0:00	66.1	
2	17-Apr-24	12:00	63.4	18-Apr-24	1:00	63.2	
3	17-Apr-24	13:00	65.1	18-Apr-24	2:00	64.1	
4	17-Apr-24	14:00	66.8	18-Apr-24	3:00	61.8	
5	17-Apr-24	15:00	67.1	18-Apr-24	4:00	60.5	
6	17-Apr-24	16:00	66.3	18-Apr-24	5:00	61.2	
7	17-Apr-24	17:00	65.1	18-Apr-24	6:00	63.3	
8	17-Apr-24	18:00	66.3	18-Apr-24	7:00	65.4	
9	17-Apr-24	19:00	61.4	18-Apr-24	8:00	63.2	
10	17-Apr-24	20:00	63.7	18-Apr-24	9:00	66.1	
11	17-Apr-24	21:00	66.4	18-Apr-24	10:00	61.9	
12	17-Apr-24	22:00	65.2				
13	17-Apr-24	23:00	68.8				
		Day Time L _{max}	68.3		Night Time L _{max}	68.8	
		Day Time L _{min}	61.4		Night Time L _{min}	60.5	
Average Day Time Leq dB (A)			64.7	Average Night Time Leq dB (A)			63.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Anil Manthare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EONX.001.LAB.N.24.04.04427 Report Issue Date : 23-Apr-24
 ULR-TC682024000034832F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 17-Apr-24 To 18-Apr-24
 Sampling Location : Near Armonia Gate Area Date of Receipt : 18-Apr-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Apr-24	15:50	64.2	19-Apr-24	4:50	64.4	
2	17-Apr-24	16:50	68.9	19-Apr-24	5:50	68.9	
3	17-Apr-24	17:50	70.3	19-Apr-24	6:50	69.1	
4	17-Apr-24	18:50	72.4	19-Apr-24	7:50	66.3	
5	17-Apr-24	19:50	73.1	19-Apr-24	8:50	67.1	
6	17-Apr-24	20:50	75.3	19-Apr-24	9:50	68.8	
7	17-Apr-24	21:50	69.1	19-Apr-24	10:50	67.3	
8	17-Apr-24	22:50	68.2	19-Apr-24	11:50	69.1	
9	17-Apr-24	23:50	70.1	19-Apr-24	12:50	70.1	
10	18-Apr-24	0:50	71.2	19-Apr-24	13:50	71.2	
11	18-Apr-24	1:50	69.9	19-Apr-24	14:50	68.4	
12	18-Apr-24	2:50	65.1				
13	18-Apr-24	3:50	62.4				
		Day Time L_{MAX}	75.3		Night Time L_{MAX}	71.2	
		Day Time L_{MIN}	64.2		Night Time L_{MIN}	62.4	
Average Day Time Leq dB (A)			69.4	Average Night Time Leq dB (A)			67.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abdul Manchari



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Apr-24

Reference Number : EQNX001LABN240404885

ULR-TC68202400003742F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Taloja, Tal. Parnel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 18-Apr-24 To 19-Apr-24
 Sampling Location : Near ETP / RO Plant Area
 Date of Receipt : 19-Apr-24
 Sample Description : Ambient Noise Measurement
 Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	18-Apr-24	15:00	64.4	19-Apr-24	4:00	64.8	
2	18-Apr-24	16:00	63.2	19-Apr-24	5:00	61.9	
3	18-Apr-24	17:00	68.8	19-Apr-24	6:00	60.5	
4	18-Apr-24	18:00	63.5	19-Apr-24	7:00	62.9	
5	18-Apr-24	19:00	66.3	19-Apr-24	8:00	63.4	
6	18-Apr-24	20:00	69.1	19-Apr-24	9:00	60.5	
7	18-Apr-24	21:00	70.2	19-Apr-24	10:00	59.5	
8	18-Apr-24	22:00	66.4	19-Apr-24	11:00	61.2	
9	18-Apr-24	23:00	65.1	19-Apr-24	12:00	63.4	
10	19-Apr-24	0:00	63.2	19-Apr-24	13:00	65.4	
11	19-Apr-24	1:00	61.9	19-Apr-24	14:00	60.4	
12	19-Apr-24	2:00	64.8				
13	19-Apr-24	3:00	66.1				
		Day Time L_{max}	70.2			Night Time L_{max}	70.2
		Day Time L_{min}	59.5			Night Time L_{min}	61.9
Average Day Time Leq dB (A)			64.1	Average Night Time Leq dB (A)			64.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



Note:

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Apr-24

Reference Number : EQNX/001/LAB/N 24/04/04884

ULR-TC682024000033907F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smatchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Manan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 18-Apr-24 To 19-Apr-24
 Sampling Location : Near Coal Fire Boiler Area
 Date of Receipt : 19-Apr-24
 Sample Description : Ambient Noise Measurement
 Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	18-Apr-24	14:15	69.2	19-Apr-24	3:15	61.8	
2	18-Apr-24	15:15	70.3	19-Apr-24	4:15	60.3	
3	18-Apr-24	16:15	71.8	19-Apr-24	5:15	56.3	
4	18-Apr-24	17:15	70.3	19-Apr-24	6:15	59.1	
5	18-Apr-24	18:15	65.4	19-Apr-24	7:15	61.2	
6	18-Apr-24	19:15	66.1	19-Apr-24	8:15	66.5	
7	18-Apr-24	20:15	69.6	19-Apr-24	9:15	63.2	
8	18-Apr-24	21:15	65.5	19-Apr-24	10:15	66.1	
9	18-Apr-24	22:15	66.2	19-Apr-24	11:15	66.4	
10	18-Apr-24	23:15	61.2	19-Apr-24	12:15	67.7	
11	19-Apr-24	0:15	59.5	19-Apr-24	13:15	69.1	
12	19-Apr-24	1:15	60.3				
13	19-Apr-24	2:15	62.9				
		Day Time L_{MAX}	71.8			Night Time L_{MAX}	66.2
		Day Time L_{MIN}	59.1			Night Time L_{MIN}	56.3
Average Day Time Leq dB (A)			66.9	Average Night Time Leq dB (A)			61.0

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 2-May-24

Reference Number : EQNX/001/LAB/N/24/04/07355 ULR - TC682024000025195F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taleja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 19-Apr-24 To 20-Apr-24
 Sampling Location : Near NPK Bagging Area Date of Receipt : 20-Apr-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	19-Apr-24	14:00	72.2	20-Apr-24	3:00	65.2	
2	19-Apr-24	15:00	71.5	20-Apr-24	4:00	65.4	
3	19-Apr-24	16:00	72.7	20-Apr-24	5:00	64.8	
4	19-Apr-24	17:00	70.9	20-Apr-24	6:00	66.1	
5	19-Apr-24	18:00	70.6	20-Apr-24	7:00	68.4	
6	19-Apr-24	19:00	68.9	20-Apr-24	8:00	70.2	
7	19-Apr-24	20:00	68.1	20-Apr-24	9:00	71.3	
8	19-Apr-24	21:00	69.5	20-Apr-24	10:00	70.5	
9	19-Apr-24	22:00	68.3	20-Apr-24	11:00	70.4	
10	19-Apr-24	23:00	64.3	20-Apr-24	12:00	71.3	
11	20-Apr-24	0:00	65.5	20-Apr-24	13:00	72.3	
12	20-Apr-24	1:00	65.9				
13	20-Apr-24	2:00	64.6				
		Day Time L_{MAX}	72.7			Night Time L_{MAX}	68.3
		Day Time L_{MIN}	65.1			Night Time L_{MIN}	64.3
Average Day Time Leq dB (A)			70.1	Average Night Time Leq dB (A)			65.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.



Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N.24/04.07356 Report Issue Date : 2-May-24
 ULR - TC682024000025195F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 19-Apr-24 To 20-Apr-24
 Sampling Location : Near NPK Gate Date of Receipt : 20-Apr-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	19-Apr-24	14:20	62.5	20-Apr-24	3:20	57.4	
2	19-Apr-24	15:20	63.7	20-Apr-24	4:20	59.1	
3	19-Apr-24	16:20	62.3	20-Apr-24	5:20	60.5	
4	19-Apr-24	17:20	62.5	20-Apr-24	6:20	61.3	
5	19-Apr-24	18:20	63.1	20-Apr-24	7:20	60.6	
6	19-Apr-24	19:20	63.6	20-Apr-24	8:20	60.9	
7	19-Apr-24	20:20	63.4	20-Apr-24	9:20	61.6	
8	19-Apr-24	21:20	62.2	20-Apr-24	10:20	62.3	
9	19-Apr-24	22:20	60.1	20-Apr-24	11:20	63.7	
10	19-Apr-24	23:20	66.3	20-Apr-24	12:20	62.9	
11	20-Apr-24	0:20	58.5	20-Apr-24	13:20	63.2	
12	20-Apr-24	1:20	58.7				
13	20-Apr-24	2:20	59.3				
		Day Time L_{max}	63.7			Night Time L_{max}	66.3
		Day Time L_{min}	60.6			Night Time L_{min}	57.4
Average Day Time Leq dB (A)			62.4	Average Night Time Leq dB (A)			59.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



TC-8820



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 1-Jun-24

Reference Number : EQNX-001 LAB-N-24-05-08008

ULR - TC682024000033942F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00	Date of Sampling : 26-May-24 To 27-May-24
Sampling Location : Near AN ANP Gate Area	Date of Receipt : 27-May-24
Sample Description : Ambient Noise Measurement	Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level	

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-May-24	9:20 AM	67.9	26-May-24	22:20 PM	64.3	
2	26-May-24	10:20 AM	68.3	26-May-24	23:20 PM	61.9	
3	26-May-24	11:20 AM	69.1	27-May-24	12:20 AM	68.2	
4	26-May-24	12:20 PM	70.3	27-May-24	1:20 AM	63.1	
5	26-May-24	13:20 PM	71.2	27-May-24	2:20 AM	60.5	
6	26-May-24	14:20 PM	70.4	27-May-24	3:20 AM	59.4	
7	26-May-24	15:20 PM	68.3	27-May-24	4:20 AM	58.6	
8	26-May-24	16:20 PM	66.9	27-May-24	5:20 AM	57.3	
9	26-May-24	17:20 PM	67.5	27-May-24	6:20 AM	60.4	
10	26-May-24	18:20 PM	61.3	27-May-24	7:20 AM	61.2	
11	26-May-24	19:20 PM	63.7	27-May-24	8:20 AM	63.4	
12	26-May-24	20:20 PM	60.5				
13	26-May-24	21:20 PM	61.2				
		Day Time L_{max}	71.2			Night Time L_{max}	68.2
		Day Time L_{min}	60.4			Night Time L_{min}	57.3
Average Day Time Leq dB (A)			65.7	Average Night Time Leq dB (A)			61.6

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Anil Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 1-Jun-24

Reference Number : ECNX.001.LAB.N.24.05.08007

ULR - TC82024000032041F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00	Date of Sampling : 26-May-24 To 27-May-24
Sampling Location : CAN III CT Area	Date of Receipt : 27-May-24
Sample Description : Ambient Noise Measurement	Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level	

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-May-24	9:30 AM	69.5	26-May-24	22:30 PM	66.3	
2	26-May-24	10:30 AM	68.3	26-May-24	23:30 PM	65.4	
3	26-May-24	11:30 AM	67.5	27-May-24	12:30 AM	60.3	
4	26-May-24	12:30 PM	66.4	27-May-24	1:30 AM	63.2	
5	26-May-24	13:30 PM	63.2	27-May-24	2:30 AM	61.8	
6	26-May-24	14:30 PM	67.8	27-May-24	3:30 AM	62.9	
7	26-May-24	15:30 PM	69.9	27-May-24	4:30 AM	60.5	
8	26-May-24	16:30 PM	68.8	27-May-24	5:30 AM	59.3	
9	26-May-24	17:30 PM	64.5	27-May-24	6:30 AM	58.3	
10	26-May-24	18:30 PM	66.7	27-May-24	7:30 AM	60.8	
11	26-May-24	19:30 PM	68.3	27-May-24	8:30 AM	63.2	
12	26-May-24	20:30 PM	69.1				
13	26-May-24	21:30 PM	68.5				
		Day Time L_{max}	69.9		Night Time L_{max}	66.3	
		Day Time L_{eq}	68.3		Night Time L_{eq}	59.3	
Average Day Time Leq dB (A)			66.3	Average Night Time Leq dB (A)			63.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as an upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-May-24

Reference Number : EQNX.001.LAB.N.24.05.07439 ULR - TC682024000033221F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-May-24 To 24-May-24
 Sampling Location : Near NPK Gate Area Date of Receipt : 24-May-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sl. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-May-24	15:43	73.5	24-May-24	4:43	60.5	
2	23-May-24	16:43	74.6	24-May-24	5:43	62.3	
3	23-May-24	17:43	73.5	24-May-24	6:43	63.5	
4	23-May-24	18:43	71.4	24-May-24	7:43	67.3	
5	23-May-24	19:43	72.7	24-May-24	8:43	69.4	
6	23-May-24	20:43	74.4	24-May-24	9:43	70.9	
7	23-May-24	21:43	70.7	24-May-24	10:43	69.9	
8	23-May-24	22:43	68.4	24-May-24	11:43	72.3	
9	23-May-24	23:43	65.3	24-May-24	12:43	75.5	
10	24-May-24	0:43	64.2	24-May-24	13:43	76.3	
11	24-May-24	1:43	62.1	24-May-24	14:43	75.4	
12	24-May-24	2:43	61.4				
13	24-May-24	3:43	61.3				
		Day Time L_{max}	75.4			Night Time L_{max}	68.4
		Day Time L_{eq}	63.4			Night Time L_{eq}	60.5
Average Day Time Leq dB (A)			71.9	Average Night Time Leq dB (A)			63.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhara



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-May-24

Reference Number : EQNX 001.LAB.N.24.05.07438 ULR - TC682004000033220F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-May-24 To 24-May-24
 Sampling Location : Near Cool Fire Cooling Tower Area Date of Receipt : 24-May-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-May-24	16:00	72.1	24-May-24	5:00	65.8	
2	23-May-24	17:00	70.1	24-May-24	6:00	69.3	
3	23-May-24	18:00	71.9	24-May-24	7:00	70.1	
4	23-May-24	19:00	69.3	24-May-24	8:00	72.3	
5	23-May-24	20:00	65.3	24-May-24	9:00	72.6	
6	23-May-24	21:00	64.9	24-May-24	10:00	73.6	
7	23-May-24	22:00	65.2	24-May-24	11:00	73.2	
8	23-May-24	23:00	68.8	24-May-24	12:00	73.5	
9	24-May-24	0:00	64.2	24-May-24	13:00	72.2	
10	24-May-24	1:00	63.1	24-May-24	14:00	71.1	
11	24-May-24	2:00	61.3	24-May-24	15:00	74.5	
12	24-May-24	3:00	60				
13	24-May-24	4:00	60.5				
		Day Time L_{max}	74.5			Night Time L_{max}	69.3
		Day Time L_{avg}	65.2			Night Time L_{avg}	60.0
Average Day Time Leq dB (A)			70.6	Average Night Time Leq dB (A)			64.2

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



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5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : **EQNX-001-LAB-N24-05-07435** Report Issue Date : **29-May-24**
 ULR - **TC682024000033202F**

INFORMATION PROVIDED BY CUSTOMER

Client Name : **M/s Smartchem Technologies Limited**
 Address : **Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.**
 Contact Person : **Madan Popota**

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : **SOP-ENV-20-00** Date of Sampling : **25-May-24 To 26-May-24**
 Sampling Location : **Near Ammonia Gate** Date of Receipt : **26-May-24**
 Sample Description : **Ambient Noise Measurement** Sampling Duration : **24 Hrs**
 Lateral Distance : **1.5 Meter from Ground Level**

RESULTS OF ANALYSIS

Discipline : **Chemical**

Group : **Atmospheric Pollution**

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-May-24	12:00	61.5	25-May-24	1:00	60.4	
2	25-May-24	13:00	60.3	25-May-24	2:00	56.1	
3	25-May-24	14:00	63.8	25-May-24	3:00	58.3	
4	25-May-24	15:00	64.6	25-May-24	4:00	59.1	
5	25-May-24	16:00	66.8	25-May-24	5:00	56.4	
6	25-May-24	17:00	67.2	26-May-24	6:00	59.2	
7	25-May-24	18:00	65.4	26-May-24	7:00	60.3	
8	25-May-24	19:00	63.2	26-May-24	8:00	61.8	
9	25-May-24	20:00	61.8	26-May-24	9:00	63.2	
10	25-May-24	21:00	63.9	26-May-24	10:00	61.7	
11	25-May-24	22:00	66.0	26-May-24	11:00	63.4	
12	25-May-24	23:00	63.2				
13	25-May-24	0:00	61.9				
		Day Time L_{max}	67.2		Night Time L_{max}	66.6	
		Day Time L_{min}	59.2		Night Time L_{min}	56.1	
Average Day Time Leq dB (A)			63.2	Average Night Time Leq dB (A)			60.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as an upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhane



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-May-24

Reference Number : EQNX-001-LAB-N-24-05-07434

ULR - TC002024000033201F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 25-May-24 To 26-May-24
 Sampling Location : Near Main Gate Date of Receipt : 26-May-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-May-24	10:30	65.3	25-May-24	23:30	57.3	
2	25-May-24	11:30	66.8	26-May-24	0:30	58.4	
3	25-May-24	12:30	67.3	26-May-24	1:30	56.6	
4	25-May-24	13:30	68.2	26-May-24	2:30	58.3	
5	25-May-24	14:30	69.1	26-May-24	3:30	55.4	
6	25-May-24	15:30	70.3	26-May-24	4:30	59.2	
7	25-May-24	16:30	67.2	26-May-24	5:30	60.3	
8	25-May-24	17:30	64.1	26-May-24	6:30	61.2	
9	25-May-24	18:30	65.4	26-May-24	7:30	63.7	
10	25-May-24	19:30	63.2	26-May-24	8:30	64.8	
11	25-May-24	20:30	60.8	26-May-24	9:30	61.9	
12	25-May-24	21:30	59.5				
13	25-May-24	22:30	58.6				
		Day Time L_{max}	70.3		Night Time L_{max}	60.3	
		Day Time L_{avg}	59.5		Night Time L_{avg}	55.4	
Average Day Time Leq dB (A)			64.9	Average Night Time Leq dB (A)			57.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-May-24

Reference Number : EGNX.001.LAB.N.24.05.07437 ULR - TC682024000033710F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00	Date of Sampling : 24-May-24 To 25-May-24
Sampling Location : ETP / RO Plant	Date of Receipt : 25-May-24
Sample Description : Ambient Noise Measurement	Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level	

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-May-24	12:20	66.5	25-May-24	1:20	60.5	
2	24-May-24	13:20	67.8	25-May-24	2:20	59.8	
3	24-May-24	14:20	68.1	25-May-24	3:20	58.5	
4	24-May-24	15:20	65.4	25-May-24	4:20	57.6	
5	24-May-24	16:20	63.2	25-May-24	5:20	58.2	
6	24-May-24	17:20	61.8	25-May-24	6:20	56.4	
7	24-May-24	18:20	64.9	25-May-24	7:20	55.1	
8	24-May-24	19:20	65.7	25-May-24	8:20	53.2	
9	24-May-24	20:20	67.8	25-May-24	9:20	59.1	
10	24-May-24	21:20	63.2	25-May-24	10:20	60.5	
11	24-May-24	22:20	64.6	25-May-24	11:20	63.4	
12	24-May-24	23:20	60.8				
13	25-May-24	0:20	61.9				
		Day Time L_{MAX}	68.1			Night Time L_{MAX}	64.6
		Day Time L_{MIN}	53.2			Night Time L_{MIN}	56.4
Average Day Time Leq dB (A)			62.6	Average Night Time Leq dB (A)			59.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-N:24.05.07436 Report Issue Date : 29-May-24
 ULR - TC682024000033709F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smatchem Technologies Limited
 Address : Plot Nos. K-1/K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 24-May-24 To 25-May-24
 Sampling Location : Near NPK Bagging Area Date of Receipt : 25-May-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-May-24	11:30	69.5	25-May-24	0:30	56.7	
2	24-May-24	12:30	68.6	25-May-24	1:30	55.4	
3	24-May-24	13:30	65.4	25-May-24	2:30	53.2	
4	24-May-24	14:30	63.2	25-May-24	3:30	58.1	
5	24-May-24	15:30	66.5	25-May-24	4:30	54.3	
6	24-May-24	16:30	69.1	25-May-24	5:30	51.9	
7	24-May-24	17:30	68.6	25-May-24	6:30	55.4	
8	24-May-24	18:30	67.3	25-May-24	7:30	56.8	
9	24-May-24	19:30	65.4	25-May-24	8:30	57.1	
10	24-May-24	20:30	61.8	25-May-24	9:30	59.1	
11	24-May-24	21:30	62.6	25-May-24	10:30	60.4	
12	24-May-24	22:30	61.9				
13	24-May-24	23:30	60.4				
		Day Time L_{MAX}	69.5			Night Time L_{MAX}	61.9
		Day Time L_{MIN}	55.4			Night Time L_{MIN}	51.9
Average Day Time Leq dB (A)			63.5	Average Night Time Leq dB (A)			56.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N.24.06.00647 Report Issue Date : 1-Jul-24
 ULR - TC682024000043338F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Taleja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 25-Jun-24 to 26-Jun-24
 Sampling Location : Near Ammonia Gate Area Date of Receipt : 26-Jun-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-Jun-24	3:20 PM	59.7	25-Jun-24	4:20 AM	51.6	
2	25-Jun-24	4:20 PM	51.5	25-Jun-24	5:20 AM	52.3	
3	25-Jun-24	5:20 PM	56.2	25-Jun-24	6:20 AM	51.8	
4	25-Jun-24	6:20 PM	51.3	25-Jun-24	7:20 AM	56.4	
5	25-Jun-24	7:20 PM	53.1	25-Jun-24	8:20 AM	54.1	
6	25-Jun-24	8:20 PM	55.4	25-Jun-24	9:20 AM	50.8	
7	25-Jun-24	9:20 PM	55.1	25-Jun-24	10:20 AM	49.4	
8	25-Jun-24	10:20 PM	61.4	25-Jun-24	11:20 AM	51.3	
9	25-Jun-24	11:20 PM	56.1	25-Jun-24	12:20 PM	56.5	
10	25-Jun-24	12:20 AM	62.4	25-Jun-24	1:20 PM	55.4	
11	25-Jun-24	1:20 AM	54.4	25-Jun-24	2:20 PM	50.3	
12	26-Jun-24	2:20 AM	57.5				
13	26-Jun-24	3:20 AM	61.3				
		Day Time L_{max}	59.7		Night Time L_{max}	62.4	
		Day Time L_{min}	49.4		Night Time L_{min}	51.6	
Average Day Time Leq dB (A)			53.6	Average Night Time Leq dB (A)			57.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N 24.06.09505 Report Issue Date : 1-Jul-24
 ULR - TG82024000043337F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad
 Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 25-Jun-24 to 26-Jun-24
 Sampling Location : Near Main Gate Area Date of Receipt : 26-Jun-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-Jun-24	1:38 PM	60.6	26-Jun-24	2:38 AM	49.9	
2	25-Jun-24	2:38 PM	71.4	26-Jun-24	3:38 AM	51.7	
3	25-Jun-24	3:38 PM	56.8	26-Jun-24	4:38 AM	60.5	
4	25-Jun-24	4:38 PM	67.2	26-Jun-24	5:38 AM	66.4	
5	25-Jun-24	5:38 PM	64.1	26-Jun-24	6:38 AM	64.4	
6	25-Jun-24	6:38 PM	61	26-Jun-24	7:38 AM	68.9	
7	25-Jun-24	7:38 PM	55.7	26-Jun-24	8:38 AM	79.7	
8	25-Jun-24	8:38 PM	53.4	26-Jun-24	9:38 AM	49	
9	25-Jun-24	9:38 PM	55.3	26-Jun-24	10:38 AM	60.5	
10	25-Jun-24	10:38 PM	53.4	26-Jun-24	11:38 AM	48.9	
11	25-Jun-24	11:38 PM	52.1	26-Jun-24	12:38 PM	68.5	
12	26-Jun-24	12:38 AM	57.6				
13	26-Jun-24	1:38 AM	54.1				
		Day Time L_{max}	80.5		Night Time L_{max}	66.4	
		Day Time L_{avg}	69.9		Night Time L_{avg}	49.9	
Average Day Time Leq dB (A)			62.8	Average Night Time Leq dB (A)			55.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Anil Manchare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 1-Jul-24

Reference Number : EQNX.001.LAB.N.24.06.09504

ULR - TC682024000043340F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarctech Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvat, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 26-Jun-24 to 27-Jun-24
 Sampling Location : Near NPX Gate Area
 Date of Receipt : 27-Jun-24
 Sample Description : Ambient Noise Measurement
 Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-Jun-24	3:45 PM	67.8	27-Jun-24	4:45 AM	65.6	
2	26-Jun-24	4:45 PM	65.7	27-Jun-24	5:45 AM	63.9	
3	26-Jun-24	5:45 PM	67.3	27-Jun-24	6:45 AM	63.6	
4	26-Jun-24	6:45 PM	64.8	27-Jun-24	7:45 AM	70.8	
5	26-Jun-24	7:45 PM	65.2	27-Jun-24	8:45 AM	72.0	
6	26-Jun-24	8:45 PM	64.2	27-Jun-24	9:45 AM	64.5	
7	26-Jun-24	9:45 PM	65.1	27-Jun-24	10:45 AM	63.4	
8	26-Jun-24	10:45 PM	65.4	27-Jun-24	11:45 AM	63.9	
9	26-Jun-24	11:45 PM	65.2	27-Jun-24	12:45 PM	66.8	
10	27-Jun-24	12:45 AM	67.4	27-Jun-24	1:45 PM	69.3	
11	27-Jun-24	1:45 AM	68.2	27-Jun-24	2:45 PM	70.5	
12	27-Jun-24	2:45 AM	66.7				
13	27-Jun-24	3:45 AM	66.9				
		Day Time L _{MAX}	72.0			Night Time L _{MAX}	68.2
		Day Time L _{MIN}	63.4			Night Time L _{MIN}	63.9
Average Day Time Leq dB (A)			66.5	Average Night Time Leq dB (A)			66.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as an upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Manchare



TC-6820



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 1-Jun-24

Reference Number : EONX-001-LAB-N-24-06-09503 ULR - TC682024000043339F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SCP-ENV-20-00 Date of Sampling : 26-Jun-24 to 27-Jun-24
 Sampling Location : Near NPK Bagging South Side Area Date of Receipt : 27-Jun-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-Jun-24	3:40 PM	69.9	27-Jun-24	4:40 AM	65.2	
2	26-Jun-24	4:40 PM	65.7	27-Jun-24	5:40 AM	70.2	
3	26-Jun-24	5:40 PM	67.3	27-Jun-24	6:40 AM	65.8	
4	26-Jun-24	6:40 PM	64.2	27-Jun-24	7:40 AM	65.3	
5	26-Jun-24	7:40 PM	65.8	27-Jun-24	8:40 AM	63.5	
6	26-Jun-24	8:40 PM	65.2	27-Jun-24	9:40 AM	63.7	
7	26-Jun-24	9:40 PM	65.4	27-Jun-24	10:40 AM	66.5	
8	26-Jun-24	10:40 PM	68.2	27-Jun-24	11:40 AM	66.8	
9	26-Jun-24	11:40 PM	66.7	27-Jun-24	12:40 PM	63.6	
10	27-Jun-24	12:40 AM	66.9	27-Jun-24	1:40 PM	69.6	
11	27-Jun-24	1:40 AM	64.7	27-Jun-24	2:40 PM	70.5	
12	27-Jun-24	2:40 AM	66.8				
13	27-Jun-24	3:40 AM	64.4				
		Day Time L _{MAX}	70.5			Night Time L _{MAX}	70.2
		Day Time L _{MIN}	63.5			Night Time L _{MIN}	64.4
Average Day Time Leq dB (A)			66.1	Average Night Time Leq dB (A)			66.6

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



TC-6820



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 6-Jul-24

Reference Number : EQNX.001.LAB.N.24.07.00064

ULR - TC582024000045582F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvat, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 27-Jun-24 to 28-Jun-24
 Sampling Location : Near ANANP Gate Area Date of Receipt : 28-Jun-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-Jun-24	1:18 PM	73.2	28-Jun-24	2:18 AM	60.4	
2	27-Jun-24	2:18 PM	70.9	28-Jun-24	3:18 AM	63.9	
3	27-Jun-24	3:18 PM	71.7	28-Jun-24	4:18 AM	64.2	
4	27-Jun-24	4:18 PM	69.1	28-Jun-24	5:18 AM	61.1	
5	27-Jun-24	5:18 PM	68.3	28-Jun-24	6:18 AM	64.8	
6	27-Jun-24	6:18 PM	70	28-Jun-24	7:18 AM	65.3	
7	27-Jun-24	7:18 PM	68.1	28-Jun-24	8:18 AM	68.3	
8	27-Jun-24	8:18 PM	66.4	28-Jun-24	9:18 AM	60.4	
9	27-Jun-24	9:18 PM	69.5	28-Jun-24	10:18 AM	72.4	
10	27-Jun-24	10:18 PM	71.9	28-Jun-24	11:18 AM	73.9	
11	27-Jun-24	11:18 PM	65.4	28-Jun-24	12:18 PM	60.9	
12	28-Jun-24	12:18 AM	66				
13	28-Jun-24	1:18 AM	63.1				
		Day Time L_{max}	73.9			Night Time L_{max}	71.9
		Day Time L_{min}	64.8			Night Time L_{min}	60.4
Average Day Time Leq dB (A)			69.5	Average Night Time Leq dB (A)			64.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Marchhare



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******END OF REPORT******

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 6-Jul-24

Reference Number : EQIX/001/LAB/N/24/07/00682

ULR - TC68202400045587F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvat, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-09
 Date of Sampling : 27-Jun-24 to 28-Jun-24
 Sampling Location : CNA III CT Area
 Date of Receipt : 28-Jun-24
 Sample Description : Ambient Noise Measurement
 Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-Jun-24	1:20 PM	68.8	28-Jun-24	2:20 AM	64.5	
2	27-Jun-24	2:20 PM	67.4	28-Jun-24	3:20 AM	66.4	
3	27-Jun-24	3:20 PM	67.3	28-Jun-24	4:20 AM	71.9	
4	27-Jun-24	4:20 PM	69.8	28-Jun-24	5:20 AM	74.5	
5	27-Jun-24	5:20 PM	68	28-Jun-24	6:20 AM	73.7	
6	27-Jun-24	6:20 PM	66.3	28-Jun-24	7:20 AM	74.3	
7	27-Jun-24	7:20 PM	64.9	28-Jun-24	8:20 AM	73.9	
8	27-Jun-24	8:20 PM	66.5	28-Jun-24	9:20 AM	72.8	
9	27-Jun-24	9:20 PM	63.1	28-Jun-24	10:20 AM	63.4	
10	27-Jun-24	10:20 PM	66.3	28-Jun-24	11:20 AM	69.6	
11	27-Jun-24	11:20 PM	69	28-Jun-24	12:20 PM	74.8	
12	28-Jun-24	12:20 AM	71.8				
13	28-Jun-24	1:20 AM	61.4				
		Day Time L_{max}	74.8		Night Time L_{max}	74.5	
		Day Time L_{min}	63.1		Night Time L_{min}	61.4	
Average Day Time Leq dB (A)			69.0	Average Night Time Leq dB (A)			69.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abdul Manshure



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- The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EONX-001-LAB-N-24-07-08277 Report Issue Date : 30-Jul-24
 ULR - TC682024000051768F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smatchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Takola, Tal. Parvel, Dist. Raigad
 Contact Person : Maan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 24-Jul-24 to 25-Jul-24
 Sampling Location : Near Ammonia Gate Area Date of Receipt : 25-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-Jul-24	1:15 PM	61.3	25-Jul-24	2:15 AM	58.3	
2	24-Jul-24	2:15 PM	62.5	25-Jul-24	3:15 AM	57.2	
3	24-Jul-24	3:15 PM	63.9	25-Jul-24	4:15 AM	56.7	
4	24-Jul-24	4:15 PM	64.7	25-Jul-24	5:15 AM	57.8	
5	24-Jul-24	5:15 PM	65.2	25-Jul-24	6:15 AM	60.1	
6	24-Jul-24	6:15 PM	67.8	25-Jul-24	7:15 AM	62.3	
7	24-Jul-24	7:15 PM	68.1	25-Jul-24	8:15 AM	63.4	
8	24-Jul-24	8:15 PM	66.4	25-Jul-24	9:15 AM	64.5	
9	24-Jul-24	9:15 PM	63.5	25-Jul-24	10:15 AM	65.2	
10	24-Jul-24	10:15 PM	62.7	25-Jul-24	11:15 AM	66.3	
11	24-Jul-24	11:15 PM	61.9	25-Jul-24	12:15 PM	67.9	
12	25-Jul-24	12:15 AM	60.5				
13	25-Jul-24	1:15 AM	59.4				
		Day Time L_{max}	68.1			Night Time L_{max}	62.7
		Day Time L_{min}	60.1			Night Time L_{min}	56.7
Average Day Time Leq dB (A)			64.5	Average Night Time Leq dB (A)			59.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



TC-6820



Note :

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- The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001 LAB-N-24-07-08278 Report Issue Date : 30-08-24
 ULR - TC582024000051708F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Takaji, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 24-Jul-24 to 25-Jul-24
 Sampling Location : Near Main Gate Date of Receipt : 25-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)
1	24-Jul-24	11:40 AM	60.5	25-Jul-24	12:40 AM	61.3
2	24-Jul-24	12:40 PM	62.3	25-Jul-24	1:40 AM	60.5
3	24-Jul-24	1:40 PM	63.4	25-Jul-24	2:40 AM	58.7
4	24-Jul-24	2:40 PM	64.7	25-Jul-24	3:40 AM	57.1
5	24-Jul-24	3:40 PM	65.9	25-Jul-24	4:40 AM	56.4
6	24-Jul-24	4:40 PM	66.1	25-Jul-24	5:40 AM	55.5
7	24-Jul-24	5:40 PM	67.8	25-Jul-24	6:40 AM	57.6
8	24-Jul-24	6:40 PM	68.7	25-Jul-24	7:40 AM	58.8
9	24-Jul-24	7:40 PM	69.2	25-Jul-24	8:40 AM	59.7
10	24-Jul-24	8:40 PM	68.1	25-Jul-24	9:40 AM	60.9
11	24-Jul-24	9:40 PM	65.3	25-Jul-24	10:40 AM	64.8
12	24-Jul-24	10:40 PM	63.9			
13	24-Jul-24	11:40 PM	62.4			
		Day Time L_{max}	69.2		Night Time L_{max}	63.9
		Day Time L_{min}	57.6		Night Time L_{min}	55.5
Average Day Time Leq dB (A)			63.9	Average Night Time Leq dB (A)		59.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Mandhare



Note :

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N:24.07.05275 Report Issue Date : 30-Jul-24
 ULR - TC682024000051767F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 25-Jul-24 to 26-Jul-24
 Sampling Location : Near NPK Gate Date of Receipt : 25-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-Jul-24	1:00 PM	72.4	26-Jul-24	2:00 AM	57.7	
2	25-Jul-24	2:00 PM	72.5	26-Jul-24	3:00 AM	58.1	
3	25-Jul-24	3:00 PM	71.9	26-Jul-24	4:00 AM	59.0	
4	25-Jul-24	4:00 PM	70.8	26-Jul-24	5:00 AM	60.9	
5	25-Jul-24	5:00 PM	69.7	26-Jul-24	6:00 AM	61.2	
6	25-Jul-24	6:00 PM	68.2	26-Jul-24	7:00 AM	63.4	
7	25-Jul-24	7:00 PM	67.3	26-Jul-24	8:00 AM	64.5	
8	25-Jul-24	8:00 PM	65.1	26-Jul-24	9:00 AM	65.7	
9	25-Jul-24	9:00 PM	64.5	26-Jul-24	10:00 AM	66.6	
10	25-Jul-24	10:00 PM	63.0	26-Jul-24	11:00 AM	67.3	
11	25-Jul-24	11:00 PM	61.7	26-Jul-24	12:00 PM	68.1	
12	26-Jul-24	12:00 AM	60.5				
13	26-Jul-24	1:00 AM	58.8				
		Day Time L_{MAX}	72.5			Night Time L_{MAX}	63.6
		Day Time L_{MIN}	61.2			Night Time L_{MIN}	57.7
Average Day Time Leq dB (A)			67.2	Average Night Time Leq dB (A)			60.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



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5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-N-24-07-08280 Report Issue Date : 30-Jul-24
 ULR - TC682024000051769F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talca, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 25-Jul-24 to 26-Jul-24
 Sampling Location : Near Coal Fire Boiler Plant Date of Receipt : 26-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-Jul-24	1:20 PM	71.0	26-Jul-24	2:20 AM	59.8	
2	25-Jul-24	2:20 PM	72.9	26-Jul-24	3:20 AM	58.7	
3	25-Jul-24	3:20 PM	72.7	26-Jul-24	4:20 AM	57.6	
4	25-Jul-24	4:20 PM	71.8	26-Jul-24	5:20 AM	56.2	
5	25-Jul-24	5:20 PM	70.1	26-Jul-24	6:20 AM	59.3	
6	25-Jul-24	6:20 PM	69.8	26-Jul-24	7:20 AM	60.9	
7	25-Jul-24	7:20 PM	68.7	26-Jul-24	8:20 AM	61.8	
8	25-Jul-24	8:20 PM	66.5	26-Jul-24	9:20 AM	62.5	
9	25-Jul-24	9:20 PM	65.4	26-Jul-24	10:20 AM	63.4	
10	25-Jul-24	10:20 PM	64.5	26-Jul-24	11:20 AM	64.3	
11	25-Jul-24	11:20 PM	63.1	26-Jul-24	12:20 PM	65.1	
12	26-Jul-24	12:20 AM	62.9				
13	26-Jul-24	1:20 AM	60.0				
		Day Time L_{MAX}	72.9			Night Time L_{MAX}	64.5
		Day Time L_{MIN}	60.9			Night Time L_{MIN}	58.2
Average Day Time Leq dB (A)			67.1	Average Night Time Leq dB (A)			60.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Aug-24

Reference Number : EQNX.001.LAB.N.24.08.00430

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 30-Jul-24 To 31-Jul-24
 Sampling Location : Near ETP / RO Plant Area Date of Receipt : 31-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	30-Jul-24	14:00	63.3	31-Jul-24	3:00	67.3	
2	30-Jul-24	15:00	73.9	31-Jul-24	4:00	62.3	
3	30-Jul-24	16:00	73.3	31-Jul-24	5:00	63.6	
4	30-Jul-24	17:00	70.2	31-Jul-24	6:00	65.5	
5	30-Jul-24	18:00	69.3	31-Jul-24	7:00	72.7	
6	30-Jul-24	19:00	68.1	31-Jul-24	8:00	59	
7	30-Jul-24	20:00	72.3	31-Jul-24	9:00	68.1	
8	30-Jul-24	21:00	68.3	31-Jul-24	10:00	65.8	
9	30-Jul-24	22:00	62.3	31-Jul-24	11:00	72	
10	30-Jul-24	23:00	67.2	31-Jul-24	12:00	61.5	
11	31-Jul-24	0:00	62.4	31-Jul-24	13:00	62.9	
12	31-Jul-24	1:00	65				
13	31-Jul-24	2:00	68.2				
		Day Time L _{MAX}	73.9			Night Time L _{MAX}	67.3
		Day Time L _{MIN}	59			Night Time L _{MIN}	62.4
Average Day Time Leq dB (A)			68.0	Average Night Time Leq dB (A)			64.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhare



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END OF REPORT

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Aug-24

Reference Number : EQNX001LAB.N.24.08.00431

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 30-Jul-24 To 31-Jul-24
 Sampling Location : Near NPK Bagging Area Date of Receipt : 31-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	30-Jul-24	14:10	65.1	31-Jul-24	3:10	63.9	
2	30-Jul-24	15:10	68.1	31-Jul-24	4:10	66.3	
3	30-Jul-24	16:10	65.8	31-Jul-24	5:10	69.4	
4	30-Jul-24	17:10	72	31-Jul-24	6:10	76.4	
5	30-Jul-24	18:10	61.5	31-Jul-24	7:10	71	
6	30-Jul-24	19:10	63.7	31-Jul-24	8:10	72.4	
7	30-Jul-24	20:10	70.4	31-Jul-24	9:10	72.2	
8	30-Jul-24	21:10	62.9	31-Jul-24	10:10	75.5	
9	30-Jul-24	22:10	59.9	31-Jul-24	11:10	80.7	
10	30-Jul-24	23:10	70.3	31-Jul-24	12:10	72.3	
11	31-Jul-24	0:10	68.1	31-Jul-24	13:10	72	
12	31-Jul-24	1:10	65.1				
13	31-Jul-24	2:10	67.8				
		Day Time L_{max}	80.7			Night Time L_{max}	70.3
		Day Time L_{min}	61.5			Night Time L_{min}	59.9
Average Day Time Leq dB (A)			70.1	Average Night Time Leq dB (A)			66.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Manshara



Note :

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Aug-24

Reference Number : EQNX001LABN24:08:05432

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 31-Jul-24 To 01-Aug-24
 Sampling Location : Near CNA-III CT Area Date of Receipt : 1-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	31-Jul-24	15:22	72.8	1-Aug-24	4:22	63.4	
2	31-Jul-24	16:22	66.4	1-Aug-24	5:22	73.2	
3	31-Jul-24	17:22	57	1-Aug-24	6:22	68.4	
4	31-Jul-24	18:22	54.7	1-Aug-24	7:22	61.2	
5	31-Jul-24	19:22	57.3	1-Aug-24	8:22	63.3	
6	31-Jul-24	20:22	61.2	1-Aug-24	9:22	57.7	
7	31-Jul-24	21:22	62.7	1-Aug-24	10:22	53.4	
8	31-Jul-24	22:22	57.6	1-Aug-24	11:22	48.3	
9	31-Jul-24	23:22	60.1	1-Aug-24	12:22	56	
10	1-Aug-24	0:22	58.7	1-Aug-24	13:22	58.1	
11	1-Aug-24	1:22	59.3	1-Aug-24	14:22	57.1	
12	1-Aug-24	2:22	56.3				
13	1-Aug-24	3:22	58.7				
		Day Time L _{max}	72.8			Night Time L _{max}	73.2
		Day Time L _{min}	48.3			Night Time L _{min}	56.3
Average Day Time Leq dB (A)			59.7	Average Night Time Leq dB (A)			60.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



Note :

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Aug-24

Reference Number : EQNX.001-LAB.N24-08.00433

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 31-Jul-24 To 01-Aug-24
 Sampling Location : Near AN / ANP Gate Area Date of Receipt : 1-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	31-Jul-24	15:25	82.2	1-Aug-24	4:25	61	
2	31-Jul-24	16:25	74.3	1-Aug-24	5:25	62.9	
3	31-Jul-24	17:25	68.9	1-Aug-24	6:25	70	
4	31-Jul-24	18:25	70	1-Aug-24	7:25	69.8	
5	31-Jul-24	19:25	71.2	1-Aug-24	8:25	87.1	
6	31-Jul-24	20:25	82.2	1-Aug-24	9:25	79.2	
7	31-Jul-24	21:25	86	1-Aug-24	10:25	75.3	
8	31-Jul-24	22:25	67.6	1-Aug-24	11:25	66.7	
9	31-Jul-24	23:25	58.9	1-Aug-24	12:25	61.1	
10	1-Aug-24	0:25	65.9	1-Aug-24	13:25	70.3	
11	1-Aug-24	1:25	79.7	1-Aug-24	14:25	56	
12	1-Aug-24	2:25	65.5				
13	1-Aug-24	3:25	72.2				
		Day Time L _{MAX}	87.1			Night Time L _{MAX}	79.7
		Day Time L _{MIN}	56			Night Time L _{MIN}	59.9
Average Day Time Leq dB (A)			72.4	Average Night Time Leq dB (A)			66.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Aul Mandhare



Note :

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N.24.08.00430 Report Issue Date : 5-Aug-24
 ULR - TC682024000053437F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smatchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Takja, Tal. Pavani, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 30-Jul-24 To 31-Jul-24
 Sampling Location : Near ETP / RO Plant Area Date of Receipt : 31-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	30-Jul-24	14:00	63.3	31-Jul-24	3:00	67.3	
2	30-Jul-24	15:00	73.9	31-Jul-24	4:00	62.3	
3	30-Jul-24	16:00	73.3	31-Jul-24	5:00	63.6	
4	30-Jul-24	17:00	70.2	31-Jul-24	6:00	65.5	
5	30-Jul-24	18:00	69.3	31-Jul-24	7:00	72.7	
6	30-Jul-24	19:00	68.1	31-Jul-24	8:00	59	
7	30-Jul-24	20:00	72.3	31-Jul-24	9:00	68.1	
8	30-Jul-24	21:00	66.3	31-Jul-24	10:00	65.8	
9	30-Jul-24	22:00	62.3	31-Jul-24	11:00	72	
10	30-Jul-24	23:00	67.2	31-Jul-24	12:00	61.5	
11	31-Jul-24	0:00	62.4	31-Jul-24	13:00	62.9	
12	31-Jul-24	1:00	66				
13	31-Jul-24	2:00	66.2				
		Day Time L_{max}	73.9		Night Time L_{max}	67.3	
		Day Time L_{min}	59		Night Time L_{min}	62.4	
Average Day Time Leq dB (A)			68.0	Average Night Time Leq dB (A)			64.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (05:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abdul Mandhare



Note :

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5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Aug-24

Reference Number : EONX001LABN240800431

ULR - TC682024000053438F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 30-Jul-24 To 31-Jul-24
 Sampling Location : Near NPK Bagging Area Date of Receipt : 31-Jul-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	30-Jul-24	14:10	65.1	31-Jul-24	3:10	63.9	
2	30-Jul-24	15:10	68.1	31-Jul-24	4:10	66.3	
3	30-Jul-24	16:10	65.8	31-Jul-24	5:10	69.4	
4	30-Jul-24	17:10	72	31-Jul-24	6:10	76.4	
5	30-Jul-24	18:10	61.5	31-Jul-24	7:10	71	
6	30-Jul-24	19:10	63.7	31-Jul-24	8:10	72.4	
7	30-Jul-24	20:10	70.4	31-Jul-24	9:10	72.2	
8	30-Jul-24	21:10	62.9	31-Jul-24	10:10	75.5	
9	30-Jul-24	22:10	59.9	31-Jul-24	11:10	80.7	
10	30-Jul-24	23:10	70.3	31-Jul-24	12:10	72.3	
11	31-Jul-24	0:10	68.1	31-Jul-24	13:10	72	
12	31-Jul-24	1:10	65.1				
13	31-Jul-24	2:10	67.8				
		Day Time L_{max}	80.7			Night Time L_{max}	70.3
		Day Time L_{avg}	61.5			Night Time L_{avg}	59.9
Average Day Time Leq dB (A)			70.1	Average Night Time Leq dB (A)			66.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Aul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB-N-24.08.00432 Report Issue Date : 5-Aug-24
 ULR - TC582024000053439F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartschem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Taloja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 31-Jul-24 To 01-Aug-24
 Sampling Location : Near CNA-II CT Area Date of Receipt : 1-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)
1	31-Jul-24	15:22	72.8	1-Aug-24	4:22	63.4
2	31-Jul-24	16:22	66.4	1-Aug-24	5:22	73.2
3	31-Jul-24	17:22	57	1-Aug-24	6:22	68.4
4	31-Jul-24	18:22	54.7	1-Aug-24	7:22	61.2
5	31-Jul-24	19:22	57.3	1-Aug-24	8:22	63.3
6	31-Jul-24	20:22	61.2	1-Aug-24	9:22	57.7
7	31-Jul-24	21:22	62.7	1-Aug-24	10:22	53.4
8	31-Jul-24	22:22	57.8	1-Aug-24	11:22	48.3
9	31-Jul-24	23:22	60.1	1-Aug-24	12:22	56
10	1-Aug-24	0:22	58.7	1-Aug-24	13:22	58.1
11	1-Aug-24	1:22	56.3	1-Aug-24	14:22	57.1
12	1-Aug-24	2:22	56.3			
13	1-Aug-24	3:22	58.7			
			Day Time L_{max}			Night Time L_{max}
			Day Time L_{min}			Night Time L_{min}
Average Day Time Leq dB (A)			59.7	Average Night Time Leq dB (A)		60.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhara



Note:

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5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/N:24.08:00433 Report Issue Date : 5-Aug-24
 ULR - TC682024000053440F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 31-Jul-24 To 01-Aug-24
 Sampling Location : Near AN / ANP Gate Area Date of Receipt : 1-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	31-Jul-24	15:25	82.2	1-Aug-24	4:25	61	
2	31-Jul-24	16:25	74.3	1-Aug-24	5:25	62.9	
3	31-Jul-24	17:25	68.9	1-Aug-24	6:25	70	
4	31-Jul-24	18:25	70	1-Aug-24	7:25	59.8	
5	31-Jul-24	19:25	71.2	1-Aug-24	8:25	67.1	
6	31-Jul-24	20:25	82.2	1-Aug-24	9:25	79.2	
7	31-Jul-24	21:25	86	1-Aug-24	10:25	75.3	
8	31-Jul-24	22:25	67.6	1-Aug-24	11:25	65.7	
9	31-Jul-24	23:25	59.9	1-Aug-24	12:25	61.1	
10	1-Aug-24	0:25	65.9	1-Aug-24	13:25	70.3	
11	1-Aug-24	1:25	79.7	1-Aug-24	14:25	56	
12	1-Aug-24	2:25	65.5				
13	1-Aug-24	3:25	72.2				
		Day Time L_{max}	87.1			Night Time L_{max}	79.7
		Day Time L_{min}	56			Night Time L_{min}	59.9
Average Day Time Leq dB (A)			72.4	Average Night Time Leq dB (A)			66.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 28-Aug-24

Reference Number : EQNX001.LAB.N.24.08.07324 ULR - TC882024000060425F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Mix Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad 410208.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-Aug-24 To 24-Aug-24
 Sampling Location : Near Main Gate Date of Receipt : 24-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Aug-24	13:15 PM	56.6	24-Aug-24	2:15 AM	51.8	
2	23-Aug-24	14:15 PM	59.2	24-Aug-24	3:15 AM	53.3	
3	23-Aug-24	15:15 PM	55.3	24-Aug-24	4:15 AM	56.7	
4	23-Aug-24	16:15 PM	60.5	24-Aug-24	5:15 AM	60	
5	23-Aug-24	17:15 PM	62.8	24-Aug-24	6:15 AM	62.9	
6	23-Aug-24	18:15 PM	56.4	24-Aug-24	7:15 AM	64.6	
7	23-Aug-24	19:15 PM	58.5	24-Aug-24	8:15 AM	66.5	
8	23-Aug-24	20:15 PM	53.1	24-Aug-24	9:15 AM	68.3	
9	23-Aug-24	21:15 PM	52.3	24-Aug-24	10:15 AM	65.4	
10	23-Aug-24	22:15 PM	54.6	24-Aug-24	11:15 AM	67.8	
11	23-Aug-24	23:15 PM	56.8	24-Aug-24	12:15 PM	69.7	
12	24-Aug-24	12:15 AM	52.7				
13	24-Aug-24	1:15 AM	51.7				
		Day Time L_{max}	69.7			Night Time L_{max}	60.0
		Day Time L_{min}	53.3			Night Time L_{min}	51.7
Average Day Time Leq dB (A)			61.1	Average Night Time Leq dB (A)			54.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhare



TC-6820



Note :

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5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 28-Aug-24

Reference Number : EQNX-001/LAB/N/24/08/07325 ULR - TC6020400000425F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad 410208.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-Aug-24 To 24-Aug-24
 Sampling Location : Near Ammonia Gate Area Date of Receipt : 24-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Aug-24	15:00 PM	62.1	24-Aug-24	4:00 AM	59.3	
2	23-Aug-24	16:00 PM	64.3	24-Aug-24	5:00 AM	62.4	
3	23-Aug-24	17:00 PM	65.4	24-Aug-24	6:00 AM	63.5	
4	23-Aug-24	18:00 PM	68.8	24-Aug-24	7:00 AM	64.2	
5	23-Aug-24	19:00 PM	60.7	24-Aug-24	8:00 AM	66.6	
6	23-Aug-24	20:00 PM	63.4	24-Aug-24	9:00 AM	67.1	
7	23-Aug-24	21:00 PM	58.5	24-Aug-24	10:00 AM	65	
8	23-Aug-24	22:00 PM	56.8	24-Aug-24	11:00 AM	68.8	
9	23-Aug-24	23:00 PM	54.3	24-Aug-24	12:00 PM	62.7	
10	24-Aug-24	12:00 AM	53.2	24-Aug-24	1:00 PM	68.9	
11	24-Aug-24	1:00 AM	60.9	24-Aug-24	2:00 PM	69.2	
12	24-Aug-24	2:00 AM	57.8				
13	24-Aug-24	3:00 AM	56.7				
		Day Time L_{max}	69.2		Night Time L_{max}	63.5	
		Day Time L_{min}	56.8		Night Time L_{min}	53.2	
Average Day Time Leq dB (A)			64.5	Average Night Time Leq dB (A)			58.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Manthare



Note :

1. This report is valid for the initial sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
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4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Aug-24

Reference Number : EQIX-001-LAB-N-24-08-07326 ULR - TC8000400000427F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,X-1 (Part-1), K-1 (Part-2), MIDC Taloja, Tal. Panvel, Dist. Raigad-410208.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 24-Aug-24 To 25-Aug-24
 Sampling Location : Near RO / ETP Area Date of Receipt : 25-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Gross : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-Aug-24	14:35 PM	62.0	25-Aug-24	2:35 AM	52.2	
2	24-Aug-24	15:35 PM	63.1	25-Aug-24	3:35 AM	57.1	
3	24-Aug-24	16:35 PM	60.5	25-Aug-24	4:35 AM	58	
4	24-Aug-24	17:35 PM	60.4	25-Aug-24	5:35 AM	60.5	
5	24-Aug-24	18:35 PM	67.7	25-Aug-24	6:35 AM	62.4	
6	24-Aug-24	19:35 PM	62.8	25-Aug-24	7:35 AM	65.7	
7	24-Aug-24	20:35 PM	60.9	25-Aug-24	8:35 AM	68.6	
8	24-Aug-24	21:35 PM	58.6	25-Aug-24	9:35 AM	67.1	
9	24-Aug-24	22:35 PM	55.3	25-Aug-24	10:35 AM	68.8	
10	24-Aug-24	23:35 PM	54.2	25-Aug-24	11:35 AM	62.3	
11	25-Aug-24	12:35 AM	50.0	25-Aug-24	12:35 PM	65.4	
12	25-Aug-24	1:35 AM	53.8				
13	25-Aug-24	2:35 AM	54.9				
		Day Time L_{max}	69.4		Night Time L_{max}	68.5	
		Day Time L_{min}	58.6		Night Time L_{min}	50.0	
Average Day Time Leq dB (A)			64.6	Average Night Time Leq dB (A)			55.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (08:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 08:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Anil Mandhara



- Note :
- This report is valid for the tested sample only.
 - Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
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 - The sampling has been provided by the customer and results applied to the sample as received by the lab.
 - The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Aug-24

Reference Number : EQNX-001-LAB-N-24-08-07646 ULR - TC080340000604967

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smatchem Technologies Limited
 Address : Plot Nos. K-1X-1 (Part-1), K-1 (Part-2), MIDC Taloja, Tal. Panvel, Dist. Raigad 410205.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 24-Aug-24 To 25-Aug-24
 Sampling Location : Near AN-ANP Gate Area Date of Receipt : 25-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-Aug-24	14:22 PM	70.8	25-Aug-24	3:22 AM	58.8	
2	24-Aug-24	15:22 PM	69.4	25-Aug-24	4:22 AM	59.7	
3	24-Aug-24	16:22 PM	66.5	25-Aug-24	5:22 AM	60.2	
4	24-Aug-24	17:22 PM	62.4	25-Aug-24	6:22 AM	62.4	
5	24-Aug-24	18:22 PM	63.3	25-Aug-24	7:22 AM	64.5	
6	24-Aug-24	19:22 PM	67.7	25-Aug-24	8:22 AM	66.8	
7	24-Aug-24	20:22 PM	66.8	25-Aug-24	9:22 AM	67.4	
8	24-Aug-24	21:22 PM	60.9	25-Aug-24	10:22 AM	68.1	
9	24-Aug-24	22:22 PM	58.7	25-Aug-24	11:22 AM	66	
10	24-Aug-24	23:22 PM	57.4	25-Aug-24	12:22 PM	67.7	
11	25-Aug-24	12:22 AM	58.3	25-Aug-24	13:22:00 PM	62.1	
12	25-Aug-24	1:22 AM	60.1				
13	25-Aug-24	2:22 AM	55.0				
		Day Time L_{max}	79.8		Night Time L_{max}	62.4	
		Day Time L_{min}	60.9		Night Time L_{min}	55.0	
Average Day Time Leq dB (A)			66.0	Average Night Time Leq dB (A)			59.0

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhara



TC-6628

Note:

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- The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Aug-24

Reference Number : EGNX.001-LAB N 24-08 07983

ULR - TC652024000060685F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchan Technologies Limited

Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taloja,Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 26-Aug-24 to 27-Aug-24

Sampling Location : Near C.F.B.C.T Area

Date of Receipt : 27-Aug-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-Aug-24	4:15 PM	74.1	27-Aug-24	5:15 AM	55.3	
2	26-Aug-24	5:15 PM	73.1	27-Aug-24	6:15 AM	58.3	
3	26-Aug-24	6:15 PM	72.6	27-Aug-24	7:15 AM	60.3	
4	26-Aug-24	7:15 PM	71.8	27-Aug-24	8:15 AM	62.9	
5	26-Aug-24	8:15 PM	62.2	27-Aug-24	9:15 AM	63.8	
6	26-Aug-24	9:15 PM	60.5	27-Aug-24	10:15 AM	66.4	
7	26-Aug-24	10:15 PM	59.6	27-Aug-24	11:15 AM	64.5	
8	26-Aug-24	11:15 PM	56.5	27-Aug-24	12:15 PM	69.2	
9	27-Aug-24	12:15 AM	57.3	27-Aug-24	1:15 PM	68.1	
10	27-Aug-24	1:15 AM	54.4	27-Aug-24	2:15 PM	70.3	
11	27-Aug-24	2:15 AM	56.3	27-Aug-24	3:15 PM	71.2	
12	27-Aug-24	3:15 AM	52.1				
13	27-Aug-24	4:15 AM	56.1				
		Day Time L_{max}	74.1			Night Time L_{max}	59.6
		Day Time L_{min}	58.3			Night Time L_{min}	52.1
Average Day Time Leq dB (A)			66.8	Average Night Time Leq dB (A)			55.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Manshure



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4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Aug-24

Reference Number : EQNX.001.LAB.N.24.08.07984

ULR - TC68202400000688F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Taloja, Tal. Panvel, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 26-Aug-24 to 27-Aug-24
 Sampling Location : Near NPK Gate Area Date of Receipt : 27-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-Aug-24	4:30 PM	56.1	27-Aug-24	5:30 AM	54.5	
2	26-Aug-24	5:30 PM	58.2	27-Aug-24	6:30 AM	51.2	
3	26-Aug-24	6:30 PM	59.6	27-Aug-24	7:30 AM	52.3	
4	26-Aug-24	7:30 PM	61.3	27-Aug-24	8:30 AM	56.6	
5	26-Aug-24	8:30 PM	58.6	27-Aug-24	9:30 AM	59.8	
6	26-Aug-24	9:30 PM	63.2	27-Aug-24	10:30 AM	63.2	
7	26-Aug-24	10:30 PM	61.6	27-Aug-24	11:30 AM	61.9	
8	26-Aug-24	11:30 PM	59.3	27-Aug-24	12:30 PM	66.5	
9	27-Aug-24	12:30 AM	54.4	27-Aug-24	1:30 PM	64.3	
10	27-Aug-24	1:30 AM	51.2	27-Aug-24	2:30 PM	62.3	
11	27-Aug-24	2:30 AM	50.3	27-Aug-24	3:30 PM	58.2	
12	27-Aug-24	3:30 AM	52.5				
13	27-Aug-24	4:30 AM	53.6				
		Day Time L_{max}	66.5			Night Time L_{max}	61.8
		Day Time L_{eq}	51.2			Night Time L_{eq}	50.3
Average Day Time Leq dB (A)			59.2	Average Night Time Leq dB (A)			54.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Assistant Manager - Air
 (Authorized Signatory)
 Mr. Abul Mandhare



Note :

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- The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N.24.08.07985 Report Issue Date : 30-Aug-24
 ULR - TC582024000060687F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taleja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 27-Aug-24 to 28-Aug-24
 Sampling Location : Near CNA-III CT Area Date of Receipt : 28-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-Aug-24	12:42 PM	72.1	28-Aug-24	1:42 AM	61.9	
2	27-Aug-24	1:42 PM	73.4	28-Aug-24	2:42 AM	62.3	
3	27-Aug-24	2:42 PM	74.8	28-Aug-24	3:42 AM	63.8	
4	27-Aug-24	3:42 PM	71.6	28-Aug-24	4:42 AM	65.4	
5	27-Aug-24	4:42 PM	68.3	28-Aug-24	5:42 AM	61.2	
6	27-Aug-24	5:42 PM	69.5	28-Aug-24	6:42 AM	67.7	
7	27-Aug-24	6:42 PM	66.4	28-Aug-24	7:42 AM	70.3	
8	27-Aug-24	7:42 PM	64.5	28-Aug-24	8:42 AM	72.3	
9	27-Aug-24	8:42 PM	62.8	28-Aug-24	9:42 AM	71.9	
10	27-Aug-24	9:42 PM	63.6	28-Aug-24	10:42 AM	71.8	
11	27-Aug-24	10:42 PM	65.1	28-Aug-24	11:42 AM	70.6	
12	27-Aug-24	11:42 PM	62.6				
13	28-Aug-24	12:42 AM	66.1				
		Day Time L_{max}	74.8			Night Time L_{max}	67.7
		Day Time L_{avg}	62.8			Night Time L_{avg}	61.2
Average Day Time Leq dB (A)			69.5	Average Night Time Leq dB (A)			63.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Atul Mandhare



TC-8826



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Aug-24

Reference Number : EQNX-001 LAB N 24 08 07905

ULR - TC682024000060688F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MDC Talaja, Tal. Parvat, Dist. Raigarh
 Contact Person : Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 27-Aug-24 to 28-Aug-24
 Sampling Location : Near NPK Bagging Area Date of Receipt : 28-Aug-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-Aug-24	12:18 PM	69.7	28-Aug-24	1:18 AM	65.5	
2	27-Aug-24	1:18 PM	65.4	28-Aug-24	2:18 AM	67.3	
3	27-Aug-24	2:18 PM	63.2	28-Aug-24	3:18 AM	60.1	
4	27-Aug-24	3:18 PM	68.4	28-Aug-24	4:18 AM	61.2	
5	27-Aug-24	4:18 PM	67.6	28-Aug-24	5:18 AM	62.3	
6	27-Aug-24	5:18 PM	63.2	28-Aug-24	6:18 AM	61.6	
7	27-Aug-24	6:18 PM	61.9	28-Aug-24	7:18 AM	65.5	
8	27-Aug-24	7:18 PM	59.3	28-Aug-24	8:18 AM	63.8	
9	27-Aug-24	8:18 PM	56.4	28-Aug-24	9:18 AM	64.4	
10	27-Aug-24	9:18 PM	55.8	28-Aug-24	10:18 AM	67.7	
11	27-Aug-24	10:18 PM	59.3	28-Aug-24	11:18 AM	68.3	
12	27-Aug-24	11:18 PM	56.4				
13	28-Aug-24	12:18 AM	58.8				
		Day Time L_{max}	69.7			Night Time L_{max}	61.2
		Day Time L_{min}	55.8			Night Time L_{min}	52.3
Average Day Time Leq dB (A)			63.9	Average Night Time Leq dB (A)			57.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Manshure



TC-4829



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*****END OF REPORT*****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.N.24.10.00244 Report Issue Date : 3-Oct-24
 ULR - TC952024000070066F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvat, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 26-Sep-24 To 27-Sep-24
 Sampling Location : Near Ammonia Gate Date of Receipt : 27-Sep-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-Sep-24	14:15	60.3	27-Sep-24	3:15	56.5	
2	26-Sep-24	15:15	65.4	27-Sep-24	4:15	53.2	
3	26-Sep-24	16:15	63.2	27-Sep-24	5:15	57.8	
4	26-Sep-24	17:15	64.7	27-Sep-24	6:15	58.2	
5	26-Sep-24	18:15	63.1	27-Sep-24	7:15	59.9	
6	26-Sep-24	19:15	59.7	27-Sep-24	8:15	65.4	
7	26-Sep-24	20:15	61.2	27-Sep-24	9:15	64.3	
8	26-Sep-24	21:15	66.5	27-Sep-24	10:15	63.2	
9	26-Sep-24	22:15	64.2	27-Sep-24	11:15	67.8	
10	26-Sep-24	23:15	58.3	27-Sep-24	12:15	61.9	
11	27-Sep-24	0:15	56.3	27-Sep-24	13:15	66.5	
12	27-Sep-24	1:15	54.5				
13	27-Sep-24	2:15	59.4				
		Day Time L_{eq}	67.8		Night Time L_{eq}	64.2	
		Day Time L_{min}	59.7		Night Time L_{min}	53.2	
Average Day Time Leq dB (A)			63.2	Average Night Time Leq dB (A)			57.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Anil Mandhare



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*****END OF REPORT*****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001.LAB.NE.24.10.00245 Report Issue Date : 3-Oct-24
 ULR - TC682024000070069F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smatichen Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Takja,Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 26-Sep-24 To 27-Sep-24
 Sampling Location : Near Main Gate Date of Receipt : 27-Sep-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	26-Sep-24	14:00	57.9	27-Sep-24	3:00	59.2	
2	26-Sep-24	15:00	58.3	27-Sep-24	4:00	56.8	
3	26-Sep-24	16:00	60.5	27-Sep-24	5:00	57.1	
4	26-Sep-24	17:00	67.2	27-Sep-24	6:00	59.1	
5	26-Sep-24	18:00	68.9	27-Sep-24	7:00	54.6	
6	26-Sep-24	19:00	66.4	27-Sep-24	8:00	55.8	
7	26-Sep-24	20:00	61.9	27-Sep-24	9:00	59.2	
8	26-Sep-24	21:00	62.6	27-Sep-24	10:00	65.6	
9	26-Sep-24	22:00	63.5	27-Sep-24	11:00	61.2	
10	26-Sep-24	23:00	64.7	27-Sep-24	12:00	59.7	
11	27-Sep-24	0:00	58.2	27-Sep-24	13:00	58.3	
12	27-Sep-24	1:00	53.4				
13	27-Sep-24	2:00	53.5				
		Day Time L_{max}	68.9			Night Time L_{max}	64.7
		Day Time L_{min}	54.6			Night Time L_{min}	53.4
Average Day Time Leq dB (A)			61.2	Average Night Time Leq dB (A)			58.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Ashish Mandhare
 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Ashish Mandhare



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*******END OF REPORT*******

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/N-24/10/00292 Report Issue Date : 4-Oct-24
 ULR - TC682024000070597F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taleja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 27-Sep-24 To 28-Sep-24
 Sampling Location : Near ETP / RO Area Date of Receipt : 28-Sep-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-Sep-24	13:56	62.6	28-Sep-24	2:56	50.5	
2	27-Sep-24	14:56	60.5	28-Sep-24	3:56	53.2	
3	27-Sep-24	15:56	63.1	28-Sep-24	4:56	54.5	
4	27-Sep-24	16:56	64.6	28-Sep-24	5:56	56.8	
5	27-Sep-24	17:56	68.3	28-Sep-24	6:56	60.3	
6	27-Sep-24	18:56	65.9	28-Sep-24	7:56	63.1	
7	27-Sep-24	19:56	63.2	28-Sep-24	8:56	65.4	
8	27-Sep-24	20:56	58.2	28-Sep-24	9:56	64.3	
9	27-Sep-24	21:56	56.1	28-Sep-24	10:56	68.2	
10	27-Sep-24	22:56	59.1	28-Sep-24	11:56	69.1	
11	27-Sep-24	23:56	57.3	28-Sep-24	12:56	63.6	
12	28-Sep-24	0:56	54.4				
13	28-Sep-24	1:56	51.9				
		Day Time L_{max}	69.1			Night Time L_{max}	59.1
		Day Time L_{min}	56.1			Night Time L_{min}	50.5
Average Day Time Leq dB (A)			63.5	Average Night Time Leq dB (A)			54.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mendhare



Note :

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5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/N-24/10/00293 Report Issue Date : 4-Oct-24
 ULR - TC682024000070598F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1/K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 27-Sep-24 To 28-Sep-24
 Sampling Location : Near NPK Bagging South Side Area Date of Receipt : 28-Sep-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-Sep-24	14:05	66.1	28-Sep-24	3:05	51.9	
2	27-Sep-24	15:05	65.4	28-Sep-24	4:05	54.4	
3	27-Sep-24	16:05	66.2	28-Sep-24	5:05	58.2	
4	27-Sep-24	17:05	63.2	28-Sep-24	6:05	56.5	
5	27-Sep-24	18:05	61.9	28-Sep-24	7:05	60.3	
6	27-Sep-24	19:05	53.4	28-Sep-24	8:05	62.1	
7	27-Sep-24	20:05	58.2	28-Sep-24	9:05	66.5	
8	27-Sep-24	21:05	60.9	28-Sep-24	10:05	63.9	
9	27-Sep-24	22:05	61.2	28-Sep-24	11:05	66.8	
10	27-Sep-24	23:05	62.2	28-Sep-24	12:05	68.8	
11	28-Sep-24	0:05	56.9	28-Sep-24	13:05	69.2	
12	28-Sep-24	1:05	57.7				
13	28-Sep-24	2:05	53.2				
		Day Time L_{max}	69.2			Night Time L_{max}	62.2
		Day Time L_{min}	53.4			Night Time L_{min}	51.9
Average Day Time Leq dB (A)			63.0	Average Night Time Leq dB (A)			56.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



Note :

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5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 28-Sep-24

Reference Number : EQNX-001-LAB-N-24-09-08202

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja,Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 24-Sep-24 To 25-Sep-24
 Sampling Location : C.F.B CT Area
 Date of Receipt : 25-Sep-24
 Sample Description : Ambient Noise Measurement
 Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)
1	24-Sep-24	14:00	64.5	25-Sep-24	3:00	60.5
2	24-Sep-24	15:00	66.6	25-Sep-24	4:00	62.9
3	24-Sep-24	16:00	69.2	25-Sep-24	5:00	64.4
4	24-Sep-24	17:00	65.3	25-Sep-24	6:00	67.2
5	24-Sep-24	18:00	68.1	25-Sep-24	7:00	68.3
6	24-Sep-24	19:00	64.7	25-Sep-24	8:00	69.8
7	24-Sep-24	20:00	62.8	25-Sep-24	9:00	70.2
8	24-Sep-24	21:00	63.9	25-Sep-24	10:00	69.5
9	24-Sep-24	22:00	61.4	25-Sep-24	11:00	66.7
10	24-Sep-24	23:00	60	25-Sep-24	12:00	65.2
11	25-Sep-24	0:00	58.2	25-Sep-24	13:00	63.1
12	25-Sep-24	1:00	57.1			
13	25-Sep-24	2:00	56.8			
			Day Time L _{MAX}			Night Time L _{MAX}
			62.8			64.4
			Day Time L _{MIN}			Night Time L _{MIN}
			66.5			56.8
Average Day Time Leq dB (A)			66.5	Average Night Time Leq dB (A)		59.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



Note :

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5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 28-Sep-24

Reference Number : EQNX-001-LAB-N-24-09-08203

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smarchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00	Date of Sampling : 24-Sep-24 To 25-Sep-24
Sampling Location : Near NPK Gate Area	Date of Receipt : 25-Sep-24
Sample Description : Ambient Noise Measurement	Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level	

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-Sep-24	13:43	73.4	25-Sep-24	2:43	60.5	
2	24-Sep-24	14:43	74.2	25-Sep-24	3:43	57.8	
3	24-Sep-24	15:43	71.5	25-Sep-24	4:43	62.1	
4	24-Sep-24	16:43	70.2	25-Sep-24	5:43	63.2	
5	24-Sep-24	17:43	68.3	25-Sep-24	6:43	66.7	
6	24-Sep-24	18:43	66.6	25-Sep-24	7:43	68.9	
7	24-Sep-24	19:43	64.1	25-Sep-24	8:43	70.2	
8	24-Sep-24	20:43	69	25-Sep-24	9:43	69.5	
9	24-Sep-24	21:43	70.9	25-Sep-24	10:43	66.8	
10	24-Sep-24	22:43	67.8	25-Sep-24	11:43	63.6	
11	24-Sep-24	23:43	66.5	25-Sep-24	12:43	67.3	
12	25-Sep-24	0:43	62.2				
13	25-Sep-24	1:43	61.3				
		Day Time L _{MAX}	74.2			Night Time L _{MAX}	67.8
		Day Time L _{MIN}	63.6			Night Time L _{MIN}	57.8
Average Day Time Leq dB (A)			69.0	Average Night Time Leq dB (A)			62.6

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Mandhare



Note :

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3. This report should not be used for advertisement / judicial purpose.
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5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001-LAB/N-24-09-00087 Report Issue Date : 1-Oct-24
 ULR - TC682024000069536F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-Sep-24 To 24-Sep-24
 Sampling Location : Near ANI/ANP Gate Area Date of Receipt : 24-Sep-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Sep-24	13:47	85.7	24-Sep-24	2:47	57.3	
2	23-Sep-24	14:47	87.1	24-Sep-24	3:47	58.6	
3	23-Sep-24	15:47	82.4	24-Sep-24	4:47	59.6	
4	23-Sep-24	16:47	80.3	24-Sep-24	5:47	61.4	
5	23-Sep-24	17:47	75.2	24-Sep-24	6:47	57.4	
6	23-Sep-24	18:47	71.7	24-Sep-24	7:47	55.2	
7	23-Sep-24	19:47	67.5	24-Sep-24	8:47	52.1	
8	23-Sep-24	20:47	66.3	24-Sep-24	9:47	58.8	
9	23-Sep-24	21:47	70.2	24-Sep-24	10:47	57.3	
10	23-Sep-24	22:47	64.1	24-Sep-24	11:47	60.2	
11	23-Sep-24	23:47	62.2	24-Sep-24	12:47	61.6	
12	24-Sep-24	0:47	60.7				
13	24-Sep-24	1:47	59.5				
		Day Time L_{MAX}	87.1		Night Time L_{MAX}	64.1	
		Day Time L_{MIN}	52.1		Night Time L_{MIN}	57.3	
Average Day Time Leq dB (A)			68.0	Average Night Time Leq dB (A)			60.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 1-Oct-24

Reference Number : EQNX-001.LAB.N-24-09-00088

ULR - TC682024000069537V

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited
 Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-Sep-24 To 24-Sep-24
 Sampling Location : CNA III CT Area Date of Receipt : 24-Sep-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Sep-24	13:42	82.7	24-Sep-24	2:42	60.3	
2	23-Sep-24	14:42	82.1	24-Sep-24	3:42	59.4	
3	23-Sep-24	15:42	79.9	24-Sep-24	4:42	58.3	
4	23-Sep-24	16:42	74.4	24-Sep-24	5:42	55.5	
5	23-Sep-24	17:42	76.7	24-Sep-24	6:42	57.9	
6	23-Sep-24	18:42	72.3	24-Sep-24	7:42	58.4	
7	23-Sep-24	19:42	71.4	24-Sep-24	8:42	60.2	
8	23-Sep-24	20:42	68.2	24-Sep-24	9:42	64.5	
9	23-Sep-24	21:42	69.4	24-Sep-24	10:42	66.3	
10	23-Sep-24	22:42	70.2	24-Sep-24	11:42	68.4	
11	23-Sep-24	23:42	65.3	24-Sep-24	12:42	65.2	
12	24-Sep-24	0:42	63.1				
13	24-Sep-24	1:42	62.2				
		Day Time L _{max}	82.7			Night Time L _{max}	70.2
		Day Time L _{eq}	57.9			Night Time L _{eq}	55.5
Average Day Time Leq dB (A)			69.8	Average Night Time Leq dB (A)			61.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


 Asst. Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



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******END OF REPORT******

Your Testing and Auditing Partner