

SUBHAM OILS & RESINS PRIVATE LIMITED

SIX-MONTHLY COMPLIANCE REPORT

APRIL 2025 to SEPTEMBER 2025



Address: JL No. 15, Plot No. 650/780, 635/781, 636/861,
Village + Mouza – Navarand, P.O. – Suryapur, P.S. –
Titagarh, Tehsil – Barackpore, Sewli Gram Panchayat,
District – North 24 Parganas, West Bengal

INTRODUCTION

Subham Oils & Resins Private Limited has set up an Alkyd Manufacturing facility (11000 TPA) located at JL No. 15, Plot No. 650/780, 635/781, 636/861, in Village + Mouza – Nabharanda, P.O. - Suryapur, P.S. – Titagarh, Tehsil – Barackpore, Sewli Gram Panchayat, District – North 24 Parganas, Pincode – 700121, West Bengal. It began its commercial production in 2014. The plant has been maintaining their production safely to date without causing any environmental mismanagement.

Subham Oils & Resins Private Limited received Environmental Clearances from the Ministry of Environment & Forest (MoEF), along with Consent to Establish and Consent to Operate (CTO) from the West Bengal Pollution Control Board. In accordance with statutory obligations, environmental quality monitoring is being conducted. Meanwhile, the project advocate has secured the EC for its expansion unit.

Ambient Air Quality Monitoring Stations have been set up and are being observed at four different locations around the site. Currently, environmental quality monitoring and analysis is conducted by M/s. Envirocheck, Kolkata, West Bengal

According to the requirements set by MoEF, the unit adheres to all the conditions. The information concerning compliance is provided here in the subsequent pages for the half-year period from April 2025 to September 2025..



COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE

Name of the Project: Alkyd Resin & Allied Chemical Manufacturing Unit
(11000 TPA)

Clearance Letter No.: F-No. J-11011/551/2010-IA-II (I), dated 22.03.2013

Period of Compliance Report: April 2025 to September 2025

A. SPECIFIC CONDITIONS:

Sl. No.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
i.	The gaseous emissions from various process units should conform to the load/mass-based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit. At no time the emission level should go beyond the prescribed standard.	:	By maintaining a check on its emissions, the project proponent ensures that the emission levels stay within the limitations imposed by the State Pollution Control Board and the Ministry of Environment & Forests.
ii.	Proposed boiler, TFH are reactors should be provided with stack of height 30 m from GL as proposed. Stack emissions should be monitored at regular intervals and records should be maintained.	:	As recommended, the Thermic Fluid Heater (TFH) has a stack that rises 30 meters above GL. The stack monitoring report and visual evidence of the Thermic Fluid Heater (TFH) are included in Annexure – 1 .
iii.	Ambient air quality data shall be collected as per NAAQS standards notified by the Ministry vide G.S.R. / No. 826(E) dated 16th September, 2009. The levels of PM10, PM2.5, SO2, NOx, VOC, NH3 and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of WBPCB.	:	Ambient air quality data is collected in accordance with NAAQS standards established by the Ministry under G.S.R. / No. 826(E) on September 16, 2009. The monitoring report is included in Annexure – 2 .

iv.	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials and water sprinkling. Adequate stack height would be provided for wider dispersion of gaseous emissions and regular stack monitoring would be done as per CPCB guidelines.	:	Control procedures to monitor fugitive emissions from all at-risk sources have been introduced at the plant. The monitoring report for the aforementioned circumstances is attached in Annexure – 3 .
v.	For further control of fugitive emissions, following steps shall be followed: 1. Closed handling system shall be provided for chemicals. 2. Reflux condenser shall be provided over reactor. 3. System of leak detection and repair of pump pipeline based on preventive maintenance. 4. All the raw materials are stored in tanks/drums in isolated/designated storage area and are kept tightly closed.	:	The project proponent follows the conditions that have been stated. The required photographic documentation has been included in Annexure – 4 .
vi.	Groundwater shall be abstracted as per permission obtained from the competent authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Acts 2005.	:	Groundwater has been extracted in accordance with the authorisation issued by the relevant authority under the West Bengal Ground Water Resources (Management, Control, and Regulation) Act of 2005. The supporting document is enclosed in Annexure – 5 .
vii.	In case of treatment process disturbances/failure of pollution control equipment adopted by the unit. The respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.	:	The project proponent has duly recognised the defined requirement, and the actions are being carried out in accordance with it.
viii.	The unit shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. The unit shall maintain proper inventory of hazardous chemicals and keeps the buffer stock as minimum as possible to reduce possibility and magnitude of environmental hazards.	:	The unit strictly follows the norms and directives outlined in the Manufacture, Storage, and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as periodically amended. The unit maintains an accurate inventory of hazardous chemicals while minimising buffer stock to reduce the risk and effect of environmental problems. Annexure 4 has pictures of the storage space.

ix.	As proposed, rain water should be stored in 280 KL capacity storage tanks as proposed to use the stored water for plantation, firefighting, washing & clearing etc. Recharging of ground water is not permitted.	:	The proponent plans to collect rainwater in 280 KL storage tanks with the goal of using it for plantation, firefighting, washing, and clearing.
x.	Waste water generated from the project will be treated in ETP. Cooling water shall be recycled within factory premises. As proposed, the unit shall maintain zero waste water discharge.	:	The wastewater produced by the plant is treated in the ETP. The cooling water is reused throughout the factory. According to the proposal, the unit ensures that no wastewater is released. ETP images are provided in Annexure 6 .
xi.	Continuous and regular monitoring of both the ETP should be carried out and monitoring report to be submitted in WBPCB's regional office.	:	Monitoring report of ETP has been enclosed in Annexure – 7 .
xii.	The project proponent should take proper precautionary measures against release/escape of effluents due to inclement weather situations like heavy rains etc. There should be a peripheral drain system for arresting any liquid effluent that may overflow/spill over and this drain must be suitably connected to the ETP.	:	The project proponent implements adequate precautionary actions to prevent the release or escape of effluents under bad weather circumstances, such as heavy rainfall. A surrounding drainage system is in place to absorb any liquid effluent that could overflow or spill, and this drain should be appropriately attached to the ETP.
xiii.	The hazardous wastes generated to be stored and handled as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rule, 2008. The unit shall provide isolated area for the hazardous waste storage within the premise.	:	The specified condition is adhered to by the project proponent, and appropriate space has been allocated for the storage and management of hazardous waste.
xiv.	The unit shall undertake following waste minimization measures: a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high-pressure hoses/jet pumps for equipment cleaning to reduce wastewater generation.	:	The project's proponent addresses the measures within its plant unit to ensure waste reduction. In addition, Pictorial evidence of automated filling system is attached in Annexure – 8.

xv.	Storage/loading/unloading should be done over impervious floor so that no leakage to soil under the premises can take place. Storage should be done in a well-ventilated region allowing no accumulating vapors.	:	Storage/loading/unloading is done over impervious floor. Related images in support to maintenance of this condition is enclosed in Annexure – 9 .
xvi.	Ambient noise level should not exceed the permissible limit. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) Leq (daytime) and 70 dB(A) Leq (nighttime) and its subsequent amendments.	:	Based on the stated condition, the ambient noise level has remained comfortably within the standards. The monitoring report is included in Annexure – 10 .
xvii.	Green belt shall be developed within and around the plant premises. At least 33% of the land area should be covered by plantation. At least 110 nos. of plants to be planted. Indicative list of species is given at Annexure – II. The landscape planning should include plantation of native species. The species with heavy foliage and wide canopy are desirable.	:	Green belt is proposed within plant premises in accordance with compliance directives. Images of greenbelt development has been enclosed in Annexure – 11 .
xviii.	All internal roads should be concreted/pitched. Proper lighting and proper pathway inside the factory premise should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper housekeeping shall be maintained within the premise. Solar lighting should be used as far as possible.	:	In order to confirm the mentioned condition, Pictorial evidence of internal road and lighting facility is attached in Annexure – 12 .
xix.	Emergency Preparedness Plan should be in place for accidental releases and failures of any vessel/equipment used in the process.		The proponent has developed an Emergency Preparedness Plan to address accidental releases and equipment or vessel failures occurring during the process.

xx.	Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Health and safety of workers have been ensured thereby providing them with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers is done on a regular basis and records maintained as per the Factories Act. Annexure – 13.
xxi.	Adequate measures to be adopted to ensure industrial safety, proper fire detection protection systems to be provided to control fire and explosion hazard.	Adequate measures have been adopted in order to ensure industrial safety, proper fire detection protection systems to be provided to control fire and explosion hazard. Pictorial Evidence are enclosed in Annexure – 14.
xxii.	The implementation and monitoring of Environment Management Plan should be carried out as proposed.	The execution and oversight of the Environment Management Plan is conducted as recommended.
xxiii.	The Corporate Social Responsibilities Plan with specific financial commitment should be implemented for the proposed project. At least 5% of the project cost should be utilised for Corporate Social Responsibility programmes. CSR activities shall be undertaken by involving local villages and administration.	The project proponent has executed the Corporate Social Responsibilities Plan with defined financial commitments.

B. GENERAL CONDITIONS

Sl. No.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
i.	The environmental clearance accorded shall be valid for a period of 7 years for the proposed project.	:	The project proponent would acknowledge and adhere to this condition.
ii.	Prior Consent-to-Establish (NOC) for the proposed expansion project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.	:	Prior Consent-to-Establish (NOC) for the proposed expansion project has been obtained from WBPCB before commencement of construction. CTE of the project has been enclosed in Annexure – 15 .
iii.	The project proponent shall comply with all the environmental protection measures and safeguards recommended. Further, the unit must undertake socio-economic, development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care, etc.	:	The project proponent will adhere to all suggested environmental protection measures and safeguards. Additionally, the unit has previously conducted socio-economic and development initiatives in nearby villages, such as community development projects, educational programs, drinking water provision, and healthcare services, among others.
iv.	All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.	:	All conditions, obligations, and legal stipulations outlined in the EC will likewise apply to the successor management of the project if the project proponent hands over ownership, maintenance, or management responsibilities to another entity.

v.	Provision should be made for the supply of kerosene or cooking gas to the laborers during construction phase. All the laborers to be engaged for construction works should be screened for health and adequately treated before issue of work permit. Environmental sanitation should be ensured for the workers.	:	All required infrastructure was supplied to workers during the construction process. The advocate has supplied necessary drinking water, healthcare services, and additional facilities for the employee. The temporary labor hut structure has been dismantled following the project's completion in the expansion unit.
vi.	The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, West Bengal along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	:	The project sponsor has already allocated funds within the total project budget for the execution of environmental safeguards.
vii.	No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority, West Bengal. In case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, West Bengal.	:	No additional expansion or changes to the plant will occur without prior approval from the Ministry of Environment and Forests, and the required EC has already been acquired. The EC is attached in Annexure – 16.
viii.	The West Bengal Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Level Environmental Impact Assessment Authority, West Bengal.	:	The condition has been meticulously documented, and complete assistance has been given during the inspection process.

ix.	The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of SEIAA, West Bengal (http://environmentwb.gov.in). This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.	:	All the conditions are compiled & copy of the advertisement is given in Annexure – 17 .
x.	Project authorities should inform the State Pollution Control Board as well as the SEIAA, West Bengal, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work project implementation.	:	The mentioned condition has been complied by the project proponent.
xi.	The above stipulations would be enforced along with these and the Water Pollution and Control of Pollution Act, 1974 and Air Prevention and Control of Pollution Act, 1981, the Environment Protection Act, 1986, the Hazardous Waste Management Handling and Transboundary Movement Rules, 2009, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.	:	All of the mentioned laws are abided by the project proponent while conducting its operational activities in the plant.
xii.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.	:	The project proponent also complies with all the environmental protection measures and safeguards recommended in the EIA/EMP report.

xiii.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	:	An independent Environmental Management Cell has been established with comprehensive laboratory facilities to perform the Environmental Management and Monitoring tasks by the project developer.
xiv.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	:	All employees receive training on the safety and health considerations related to chemical handling. Regular pre-employment and periodic medical examinations are conducted for all employees. Training on chemical handling has been provided to all employees.

Annexure – 1



ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025 : 2017) & NABET (CERTIFICATE NO.- NABET/EIA/2326/IA 0117)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TC-6014

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	:	Subham Oils & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg. Unit
Address	:	Vill. + P.O. – Surjopur, P.S. – Titagarh, Dist. – 24 Pgs.(N) – 700121	Sampling Date	:	20.03.2025
			Period of Analysis	:	21.03.2025 – 22.03.2025
			Date of Issue	:	24.03.2025
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/33A/March/A/I
			Report No.	:	ENV/33A/March/TR(A)/I/24-25

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Reaction Kettle (Over Hood)
Shape of Stack	:	Circular
		Height of Stack (mtr.) (from G. L.) : 30.0
Materials of Construction	:	M.S.
		Stack I.D. at sampling point (mtr.) : 0.30
Capacity	:	10 MT/Batch
		Height of sampling port (mtr.) (from G.L.) : 22.0
Emission Due to	:	Process Activity
Fuel Used	:	N.A.
		Permanent Platform & Ladder : Yes
Working Fuel Consumption	:	Nil
Pollution Control Device	:	Wet Scrubber with Activated Carbon Bed Scrubber

B. RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	15.40	150.0

Remarks : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].
: N.A. means Not Available.
: Result relates only to the sample tested.

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager

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TC-6014

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	:	Subham Oils & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg. Unit
Address	:	Vill. + P.O. – Surjopur, P.S. – Titagarh, Dist. – 24 Pgs.(N) – 700121	Sampling Date	:	20.03.2025
			Period of Analysis	:	21.03.2025 – 22.03.2025
			Date of Issue	:	24.03.2025
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/33A/March/A/II
			Report No.	:	ENV/33A/March/TR(A)/II/24-25

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Thermic Fluid Heater
Shape of Stack	:	Circular
		Height of Stack (mtr.) (from G. L.) : 23.0
Materials of Construction	:	M.S.
		Stack I.D. at sampling point (mtr.) : 0.6096
Capacity	:	6,00,000 K-Cal/hr.
		Height of sampling port (mtr.) (from G.L.) : 6.09
Emission Due to	:	Combustion of Wood
Fuel Used	:	Wood
		Permanent Platform & Ladder : Yes
Working Fuel Consumption	:	100 kg./hr.
Pollution Control Device	:	Bag Filter with Mechanical Dust Collector

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	a) Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) : 2019	: <0.1	N.A.
	b) Concentration of SO ₂ (at 6% O ₂)	mg/Nm ³	IS 11255 (Part 2) : 2019	: <0.1	N.A.
2.	a) Concentration of NO _x	mg/Nm ³	IS 11255 (Part 7) : 2017 / ASTM D 1608-98,	: 8.20	N.A.
	b) Concentration of NO _x (at 6% O ₂)	mg/Nm ³	Sec. 11 (Vol. 11.07) : 2017	: 16.18	N.A.
3.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	: 4.0	N.A.
4.	Concentration of O ₂ by Orsat	% (v/v)	EPA Method 3 : 2017	: 13.4	N.A.
5.	Concentration of CO	%(v/v)	IS 13270 : 2019	: <1.0	1.0
6.	a) Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 19.71	N.A.
	b) Concentration of Particulate Matter (at 6% O ₂)	mg/Nm ³		: 38.90	150.0

Remarks : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].
: N.A. means Not Available.
: Result relates only to the sample tested.

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TC-6014

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	:	Subham Oils & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg. Unit
Address	:	Vill. + P.O. – Surjopur, P.S. – Titagarh, Dist. – 24 Pgs.(N) – 700121	Sampling Date	:	20.03.2025
			Period of Analysis	:	21.03.2025 – 22.03.2025
			Date of Issue	:	24.03.2025
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/33A/March/A/III
			Report No.	:	ENV/33A/March/TR(A)/III/24-25

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Diesel Generator (Acoustic Enclosure attached)
Shape of Stack	:	Circular
		Height of Stack (mtr.) (from G. L.) : 6.0
Materials of Construction	:	M.S.
		Stack I.D. at sampling point (mtr.) : 0.10
Capacity	:	160 KVA
		Height of sampling port (mtr.) (from G.L.) : Final Exhaust
Emission Due to	:	Combustion of H.S.D
Fuel Used	:	H.S.D
		Permanent Platform & Ladder : Yes
Working Fuel Consumption	:	20 liter./hr.
Pollution Control Device	:	Nil

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) : 2019	: 67.45	N.A.
2.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	: 6.8	N.A.
3.	Concentration of CO	%(v/v)	IS 13270 : 2019	: <1.0	1.0
4.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 91.41	150.0

Remarks : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].
: N.A. means Not Available.
: Result relates only to the sample tested.

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager

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Thermic Fluid Heater (TFH):



Annexure – 2



ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjopur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/I
			Report No.	:	ENV/179/M/TR(A)/I/25-26
Sample Testing Location	:	Permanent Testing			

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Reaction Kettle (Over Hood)
Shape of Stack	:	Circular
Materials of Construction	:	M.S.
Capacity	:	10 MT/Batch
Emission Due to	:	Process Activity
Fuel Used	:	N.A.
Working Fuel Consumption	:	Nil
Pollution Control Device	:	Wet Scrubber with Activated Carbon Bed Scrubber
		Permanent Platform & Ladder
		Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	58.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	8.58	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	1944.03	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	16.50	150.0
Remarks	: Result relates only to the sample tested. : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87]. : N.A. means Not Available.				

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
(Technical Manager)

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Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in
Branch Office : Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
Overseas : UAE ▪ Qatar ▪ Netherlands



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjapur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/II
			Report No.	:	ENV/179/M/TR(A)/II/25-26
Sample Testing Location	:	Permanent Testing			

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Thermic Fluid Heater
Shape of Stack	:	Circular
Materials of Construction	:	M.S.
Capacity	:	6,00,000 K-Cal/hr.
Emission Due to	:	Combustion of Wood
Fuel Used	:	Wood
Working Fuel Consumption	:	100 kg./hr.
Pollution Control Device	:	Bag Filter with Mechanical Dust Collector
Height of Stack (mtr.) (from G. L.)	:	23.0
Stack I.D. at sampling point (mtr.)	:	0.6096
Height of sampling port (mtr.) (from G.L.)	:	6.09
Permanent Platform & Ladder	:	Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	112.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	10.34	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	8177.77	N.A.
5.	a) Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	<0.1	N.A.
	b) Sulfur dioxide (at 6% O ₂)	mg/Nm ³		<0.1	N.A.
6.	a) Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	7.40	N.A.
	b) Oxides of Nitrogen (at 6% O ₂)	mg/Nm ³		18.50	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	4.2	N.A.
8.	O ₂ by Orsat	%	USEPA Method 3	15.0	N.A.
9.	Carbon Monoxide	%	IS 13270	<1.0	1.0
10.	a) Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	15.41	N.A.
	b) Particulate Matter (at 6% O ₂)	mg/Nm ³		38.52	150.0
Remarks	: Result relates only to the sample tested. : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87]. : N.A. means Not Available.				

Reviewed By :

(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
 (Technical Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141
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 Overseas : UAE ▪ Qatar ▪ Netherlands



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjopur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/III
			Report No.	:	ENV/179/M/TR(A)/III/25-26
Sample Testing Location	:	Permanent Testing			

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Diesel Generator (Acoustic Enclosure attached)
Shape of Stack	:	Circular
Materials of Construction	:	M.S.
Capacity	:	160 KVA
Emission Due to	:	Combustion of H.S.D
Fuel Used	:	H.S.D
Working Fuel Consumption	:	20 liter./hr.
Pollution Control Device	:	Nil
Height of Stack (mtr.) (from G. L.)	:	6.0
Stack I.D. at sampling point (mtr.)	:	0.10
Height of sampling port (mtr.) (from G.L.)	:	Final Exhaust
Permanent Platform & Ladder	:	Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	179.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	14.02	N.A.
4.	Quantity of Gas flow	Nm³/hr.	IS 11255 (Part 1)	258.96	N.A.
5.	Sulfur dioxide	mg/Nm³	IS 11255 (Part 2)	21.94	N.A.
6.	Carbon dioxide by ORSAT App	%	IS 13270	7.8	N.A.
7.	Carbon Monoxide	%	IS 13270	<1.0	1.0
8.	Particulate Matter	mg/Nm³	IS 11255 (Part 1)	23.57	150.0
Remarks	Result relates only to the sample tested. Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87]. N.A. means Not Available.				

Reviewed By :

(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
 (Technical Manager)

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 Overseas : UAE ▪ Qatar ▪ Netherlands



TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjopur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025 - 20.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/IV
			Report No.	:	ENV/179/M/TR(A)/IV/25-26
Sample Testing Location	:	Permanent Testing			

A]	GENERAL INFORMATION
1.	Location of Sampling : Near Gate No. 2
2.	Duration of Sampling : 24 hrs. (09:30 a.m. - 09:30 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	30.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	78.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	<0.2

C]	RESULTS					
SL. NO.	PARAMETERS		UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5		μg/m³	IS 5182 (Part 24)	42.48	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10		μg/m³	IS 5182 (PART 23)	61.53	100.0
3.	Sulfur Dioxide		μg/m³	IS 5182 Part 2, Sec.1	9.63	80.0
4.	Nitrogen dioxide		μg/m³	IS 5182 Part 6	23.83	80.0
5.	Carbon Monoxide		mg/m³	IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.26	2.0
6.	Lead as Pb		μg/m³	USEPA IO 3.4	<0.01	1.0
7.	Benzo (a) Pyrene		ng/m³	IS 5182 Part 12	<0.36	1.0
8.	Benzene		μg/m³	IS 5182 (Part 11) Method 1	<0.74	5.0
9.	Ozone		μg/m³	IS 5182 Part IX	<10.0	100.0
10.	Ammonia		μg/m³	IS 5182 Part 25	<4.18	400.0
11.	Nickel as Ni		ng/m³	USEPA IO 3.4	<0.02	20.0
12.	Arsenic as As		ng/m³	USEPA IO 3.4	<0.01	6.0
Remarks		:	Result relates only to the sample tested.			
		:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.			

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
(Technical Manager)

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjapur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025 - 20.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/V
			Report No.	:	ENV/179/M/TR(A)/V/25-26
Sample Testing Location	:	Permanent Testing			

A]	GENERAL INFORMATION
1.	Location of Sampling : Near Administrative Building
2.	Duration of Sampling : 24 hrs. (10:00 a.m. - 10:00 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	30.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	78.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	<0.2

C]	RESULTS				
SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	μg/m³	IS 5182 (Part 24)	28.34	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	μg/m³	IS 5182 (PART 23)	56.22	100.0
3.	Sulfur Dioxide	μg/m³	IS 5182 Part 2, Sec.1	5.15	80.0
4.	Nitrogen dioxide	μg/m³	IS 5182 Part 6	16.61	80.0
5.	Carbon Monoxide	mg/m³	IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	<0.1	2.0
6.	Lead as Pb	μg/m³	USEPA IO 3.4	<0.01	1.0
7.	Benzo (a) Pyrene	ng/m³	IS 5182 Part 12	<0.36	1.0
8.	Benzene	μg/m³	IS 5182 (Part 11) Method 1	<0.74	5.0
9.	Ozone	μg/m³	IS 5182 Part IX	<10.0	100.0
10.	Ammonia	μg/m³	IS 5182 Part 25	<4.18	400.0
11.	Nickel as Ni	ng/m³	USEPA IO 3.4	<0.02	20.0
12.	Arsenic as As	ng/m³	USEPA IO 3.4	<0.01	6.0
Remarks		:	Result relates only to the sample tested.		
		:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.		

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
(Technical Manager)

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjapur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025 - 20.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/VI
			Report No.	:	ENV/179/M/TR(A)/VI/25-26
Sample Testing Location	:	Permanent Testing			

A]	GENERAL INFORMATION
1.	Location of Sampling : Back Side of Plant
2.	Duration of Sampling : 24 hrs. (10:30 a.m. - 10:30 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	30.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	78.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	<0.2

C]	RESULTS				
SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 µm) of PM2.5	µg/m³	IS 5182 (Part 24)	28.34	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 µm) of PM10	µg/m³	IS 5182 (PART 23)	46.54	100.0
3.	Sulfur Dioxide	µg/m³	IS 5182 Part 2, Sec.1	4.92	80.0
4.	Nitrogen dioxide	µg/m³	IS 5182 Part 6	15.16	80.0
5.	Carbon Monoxide	mg/m³	IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	<0.1	2.0
6.	Lead as Pb	µg/m³	USEPA IO 3.4	<0.01	1.0
7.	Benzo (a) Pyrene	ng/m³	IS 5182 Part 12	<0.36	1.0
8.	Benzene	µg/m³	IS 5182 (Part 11) Method 1	<0.74	5.0
9.	Ozone	µg/m³	IS 5182 Part IX	<10.0	100.0
10.	Ammonia	µg/m³	IS 5182 Part 25	<4.18	400.0
11.	Nickel as Ni	ng/m³	USEPA IO 3.4	<0.02	20.0
12.	Arsenic as As	ng/m³	USEPA IO 3.4	<0.01	6.0
Remarks	:	Result relates only to the sample tested.			
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.			

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
(Technical Manager)

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Overseas : ▪ UAE ▪ Qatar ▪ Netherlands

Annexure – 3



ENVIROCHECK

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjopur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Fugitive Emission (Work Zone)
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/VIII
			Report No.	:	ENV/179/M/TR(A)/VIII/25-26
Sample Testing Location	:	Permanent Testing			

A]	GENERAL INFORMATION
1.	Location of Sampling : Inside the Shed (Near Store)
2.	Duration of Sampling : 08 hrs. (11:00 a.m. - 07:00 p.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	32.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	76.8

C]	RESULTS				
SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Suspended Particulate Matter	µg/m³	IS 5182 (Part 4)	210.40	5000.0
2.	Respirable Suspended Particulate Matter (Size less than 10 µm) of PM10	µg/m³	IS 5182 Part 23	82.57	N.A.
3.	Sulfur Dioxide	µg/m³	IS 5182 Part 2, Sec.1	12.76	N.A.
4.	Nitrogen Dioxide	µg/m³	IS 5182 Part 6	26.36	N.A.
Remarks		:	Result relates only to the sample tested.		
		:	Limit as per the Factory Act – 1948.		
		:	N.A. means Not Available.		

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
(Technical Manager)

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Client	:	Subham Oil & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg.
Address	:	Vill. - Iswaripur, P.O. - Surjapur, P.S. - Titagarh, Dist. - Noth 24 Pgs., Pin - 700121	Sampling date	:	19.09.2025
			Date of received	:	20.09.2025
			Date (s) of analysis	:	20.09.2025 - 22.09.2025
			Date of Issue	:	23.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Fugitive Emission (Work Zone)
Sample Condition	:	Sealed	Sample ID No.	:	ENV/179/M/A/IX
			Report No.	:	ENV/179/M/TR(A)/IX/25-26
Sample Testing Location	:	Permanent Testing			

A]	GENERAL INFORMATION
1.	Location of Sampling : Inside the Shed (Near Processing)
2.	Duration of Sampling : 08 hrs. (11:10 a.m. - 07:10 p.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	33.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	76.0

C]	RESULTS				
SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Suspended Particulate Matter	µg/m³	IS 5182 (Part 4)	167.54	5000.0
2.	Respirable Suspended Particulate Matter (Size less than 10 µm) of PM10	µg/m³	IS 5182 Part 23	76.12	N.A.
3.	Sulfur Dioxide	µg/m³	IS 5182 Part 2, Sec.1	12.43	N.A.
4.	Nitrogen Dioxide	µg/m³	IS 5182 Part 6	19.86	N.A.

Remarks	:	Result relates only to the sample tested.
	:	Limit as per the Factory Act - 1948.
	:	N.A. means Not Available.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
(Technical Manager)

<End of Report>

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Overseas : ▪ UAE ▪ Qatar ▪ Netherlands

Annexure – 4

Raw Material Storage Area:





Underground Storage of Highly Inflammable Raw Materials:



Reflux Condenser over Reactor:



Annexure – 5

FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)


PERMIT FOR SINKING OF NEW WELL

[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources (Management, Control and Regulation) Act 2005.]

PERMIT NO **P1407015000860000001TSE**

063044

452

1. (a) Name of the applicant (user) : Shri/Smt. Subham Oils & Resins Pvt. Ltd.
(b) Son / Daughter of : NA
(c) Address of the applicant : 183, Bangur Avenue, Block-A, Kol-55.
(d) Category of farmer (Please tick) : Small Farmer / Marginal Farmer / Others
(in case of irrigation well)
(e) Serial No. of application Form and date of submission : BP/A-0046, SL NO-13, dt-16.09.2010.
(f) Specimen signature of the user : 
2. Location particulars---
(a) District : North 24 Parganas.
(b) Block, Mouza, J. L. No., Plot No. : Barrackpore II, Navarand, 15, 86.
(c) Municipality / Corporation :
Ward No. / Borough No., Holding No. : -
3. Particulars of the proposed well and pumping device---
(a) Type of the well : Tube Well.
(b) Approx. depth of the well (m) : 200 m.
(c) Purpose of the well : Industrial (Chemical)
(d) Assembly size (for tube well) : 100 mm. X 50 mm.
(e) Approx. strainer length (for tube well) : 10 m.
(f) Diameter (for dug well) : NA m.
(g) Type of pump to be used : Submersible.
(h) H. P. of the pump : 2 H.P.
(i) Operational device : Electric Motor.
(j) Rate of withdrawal (m³ / hr.) : 3 m³ / hr.
(k) Maximum allowable running hours per day : 5 hrs / day.

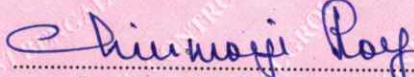
This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated overleaf.

Place : Barasat.

Date : 22.05.13

Conditions :

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at S1. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.



Signature of the Issuing Authority
and Designation.

**Geologist &
Member Secretary
D.L.A. North 24 Parganas
Geological Sub-Div. IIR
Barasat**

P.T.O. for
Conditionalities.

Annexure – 6

Effluent Treatment Plant:





Annexure – 7



FORMAT NO. ENV/FM/40

TEST REPORT

Name of the Client		:		Subham Oils & Resins Pvt. Ltd.			Type of Industry		:		Alkyd & Synthetic Resin Mfg. Unit							
Address		:		Vill. + P.O. – Surjopur, P.S. – Titagarh, Dist. – 24 Pgs. (N), Pin – 700121			Sampling Date		:		19.09.2025							
							Date of Received		:		19.09.2025							
							Date(s) of Analysis		:		19.09.2025 – 22.09.2025							
							Date of Issue		:		24.09.2025							
Sampling Plan & Procedure		:		ENV/SOP/01/03		Deviation from the Sampling Method and Plan		:		No		Type of Sample		:		Industrial Effluent Water (Grab)		
Location		:		E.T.P. Inlet			Sample Condition		:		Sealed		Sample ID No.		:		ENV/309/M/W/I	
Report No.		:		ENV/309/M/TR(W)/I/25-26				Sample Testing Location			:		Permanent Testing					

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.26
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	160.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	14.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	1280.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	280.0

Remarks: a) Result relates only to the sample tested.

b) Sample collected by Envirocheck and sent lab for testing in sealed condition.

Reviewed By :

**(Durbadal Chakraborty)
(Dy. Quality Manager)**

Authorised Signatory :

**(Dr. Sumit Baran Chowdhury)
(Technical Manager)**

**FORMAT NO. ENV/FM/40****TEST REPORT**

Name of the Client	:	Subham Oils & Resins Pvt. Ltd.	Type of Industry	:	Alkyd & Synthetic Resin Mfg. Unit
Address	:	Vill. + P.O. – Surjopur, P.S. – Titagarh, Dist. – 24 Pgs. (N), Pin – 700121	Sampling Date	:	19.09.2025
			Date of Received	:	19.09.2025
			Date(s) of Analysis	:	19.09.2025 – 22.09.2025
			Date of Issue	:	24.09.2025
Sampling Plan & Procedure	:	ENV/SOP/01/03	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Industrial Effluent Water (Grab)
Location	:	E.T.P. Outlet	Sample Condition	:	Sealed
			Sample ID No.	:	ENV/309/M/W/II
Report No.	:	ENV/309/M/TR(W)/II/25-26	Sample Testing Location	:	Permanent Testing

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	6.80	5.5 – 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	36.0	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	6.50	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	70.0	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	25.0	30.0

Remarks: a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

c) Result relates only to the sample tested.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Sumit Baran Chowdhury)
(Technical Manager)

<End of Report>

Annexure – 8

Automated Filling System:



Annexure – 9

Finished product Storage Area:



Carrying Car for Finished Products:



Annexure-10



ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB

Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)

Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



FORMAT NO. ENV/FM/53

TEST REPORT

- Name of Industry / Company / Factory / Office : Subham Oils & Resins Pvt. Ltd.
- Address : Village - Iswaripur P.O - Surjopur, P.S - Titagarh, District - North 24 Parganas, Pin - 700121
- Type of Industry : Alkyd & Synthetic Resin Manufacturing Unit
- Sampling Plan & Procedure : ENV/SOP/02
- Deviation from the Sampling Method & Plan : No
- Type of Sample : Ambient Noise Level Study
- Sample ID : ENV/180/M/N Report ID : ENV/180/M/(TR)N/25-26
- Method No. : IS 15575 (Part 2), 2022 Reporting Date : 22/09/2025
- Sample Monitored by : Mr. Subhas Mondal Time of Duration of Noise : 20 Minutes
- Height from Ground Level : 4 Feet.

RESULT OF NOISE LEVEL STUDY

Date	Time (Hours)	Day / Night	Location Name	Min dB(A)	Max dB(A)	Leq dB(A)
19/09/2025	11:00 - 11:20 A.M	Day	Near Store	62.0	65.2	63.89
	10:30 - 10:50 P.M	Night	Near Store	49.3	54.1	52.33
	01:00 - 01:20 P.M	Day	Near D.G Room	69.5	72.3	71.12
	11:00 - 11:20 P.M	Night	Near D.G Room	50.3	53.9	52.46

> End of Report <

LIMIT dB(A)

A. Industrial Area	B. Commercial Area	C. Residential Area	D. Silent Zone
Day Time - 75.0 dB(A)	Day Time - 65.0 dB(A)	Day Time - 55.0 dB(A)	Day Time - 50.0 dB(A)
Night Time - 70.0 dB(A)	Night Time - 55.0 dB(A)	Night Time - 45.0 dB(A)	Night Time - 40.0 dB(A)

**Remarks: Result relates only to the Sample Tested.

** Mean of L_{eq} - Equivalent to Sound Energy	** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal)	
	**Day Time is reckoned in between 6:00 A.M & 10:00 P.M	**Night Time is reckoned in between 10:00 P.M & 6:00 A.M
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000		
Hours	Limit in dB(A)	
8	90	
4	93	
2	96	
1	99	
1/2	102	
1/4	105	
1/8	108	
1/16	111	
1/32	114	
(2 minutes or less)	-	

Reviewed By:

Mr. Durbadal Chakraborty
(Dy. Quality Manager)

Authorized Signatory

Dr. Ajoy Paul
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 (033-25497490

Laboratory : 189,190,192,& 51 Rastraguru Avenue, Kolkata - 700028

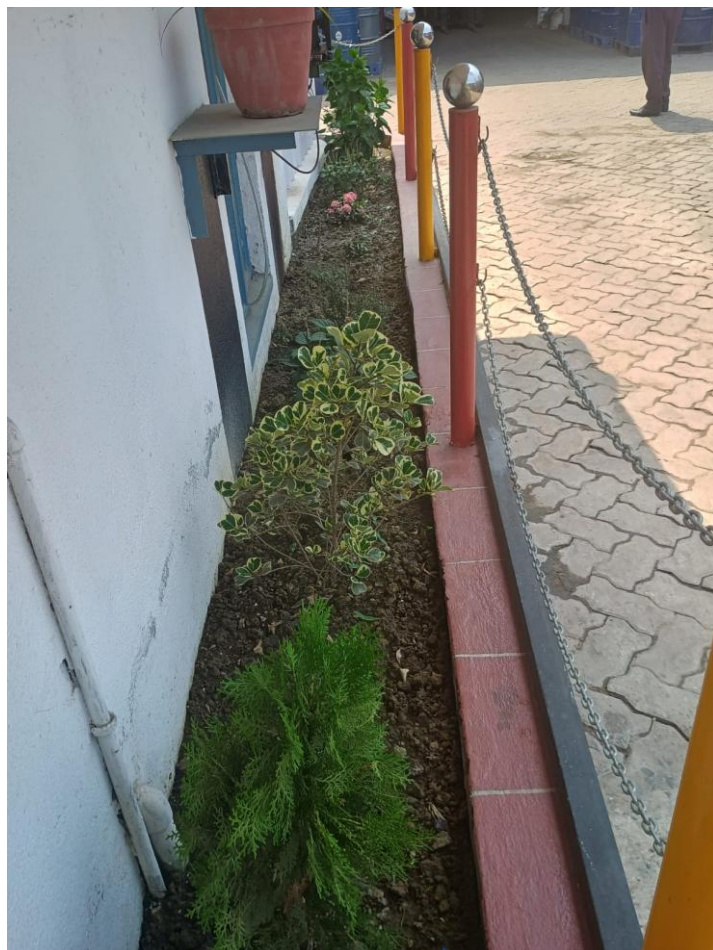
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in

Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Port Blair ▪ Noida

Annexure-11

Greenbelt:





Annexure-12

Internal Roads:



Lighting Facility:



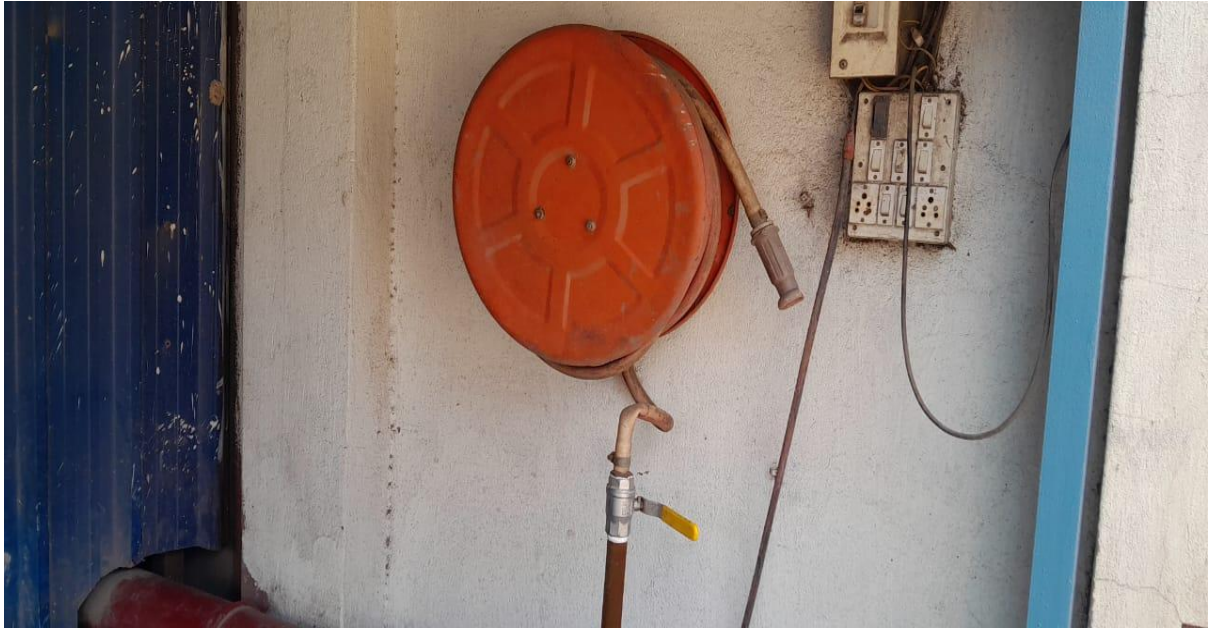
Annexure-13

Personnel Protective Equipment for Employees:



Annexure-14

Fire Safety Equipment:





Annexure-15

NOC NO 153449

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block-LA, Sector-III
Bidhannagar, Kolkata-700 098

Memo No. OS - 2N-14/2011(E)

Dated 02/01/2019

From :
Member Secretary,
West Bengal Pollution Control Board



To : M/s. Subham Oil & Resins Pvt. Ltd.
183, Bangur Avenue, Block - B, Kolkata - 700 055.

Sub : Consent to Establish (NOC) from Environmental Point of View

Ref : 1. Your letter No. N11 Dated 05.12.2018
2. Env. clearance issued by SEIAA vide letter No. 1951/2N/TH-1/042/2015

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed expansion Unit of M/s Subham Oils & Resins Pvt. Ltd. for manufacturing/storage/installation As per Annexure - I at J.L. No.15, Plot No.650/780, 636/781, 636/861, Vill+Mouza-Navarand, P.O.-Suryapur, P.S.-Titagarh, Sewli Gram Panchayat, * this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

Dist.-North 24 Parganas, West Bengal.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for (R) LTD. consent to operate and atmospheric emission as per provision of the Air (Prevention & Control of Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc shall be constructed/reconstructed

Director

7. You shall comply with
- (i) Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
 - (ii) Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
 - (iii) Environment (Protection) Act, 1986
 - (iv) Environment (Protection) Rules, 1986
 - (v) Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
 - (vi) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
 - (vii) Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
 - (viii) The Public Liability Insurance Act, 1991 and Amended Act, 1992
 - (ix) The Public Liability Insurance Rules, 1991 and Amended Rules 1993
 - (x) Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
 - (xi) Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
 - (xii) Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

SPECIAL CONDITION :

Gross Capital Investment for the expansion unit
without depreciation - Rs.4,23,01,200/-

Please refer to Annexure II

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,

02/01/2019
Member Secretary, ASSTG, EXGR.
West Bengal Pollution Control Board (EIM CELL)

Dated *02/01/2019*

Memo No. *03-2N-14/2011(E)*
Copy forwarded for information to :

1. Chief Inspector of Factories, Government of West Bengal, N.S. Building, Kolkata-700 001
2. Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
3. Guard file, West Bengal Pollution Control Board.
4. Environmental Engineer, I/II/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.O./WBPC Board

Himalaya Bhawan
Delhi Road, Dankuni
Dist. Hooghly

Vill, Panpur
Kalyani Expressway
P.O. Narayanpur
Dist. 24 Pgs. (N)

Sahid Khudiram Saran
City Centre, Durgapur-16
Dist. Burdwan

10, Camac Street
2nd Floor
Kolkata-700 017

Paribesh Bhawan
10A, LA-Block, Sector-III
Salt Lake City,
Kolkata - 700 098

Block-05 at 40
Flats Complex
Adjacent to Priyambada
Housing Estate
P.O. :Khanjanchak,
P.S. Durgachak
Haldia-721602
Dist. Purba Medinipur

Paribahan Nagar
Matigara, Siliguri
Dist.-Darjeeling

SUBHAM OILS & RESINS (P) LTD

Satya Chowdhury
Indoor Stadium
Balurchar Bandh Road

Asansol Sub-Regional Office
ADDA Commercial Market (2nd Floor)
Opposite Asansol Fire Station

Member Secretary *A.A.E.E.*

Director

Summary of products list (Annexure I)

Sl. No.	Products	Existing capacity (TPA)	Additional capacity (TPA)
1.	Alkyd resin	1500	4800
2.	Thickening of strand, linseed oil	510	-----
3.	Maleic resin	-----	600
4.	Phenolic resin	-----	300
5.	CNSL resin	-----	920
6.	Acrylic resin	-----	900
7.	Easter resin	-----	300
8.	Polyamide resin	-----	300
9.	Acrylic emulsion	-----	2400
10.	Pine & turpentine allied products	-----	200
11.	Epoxy resin	-----	380

Handwritten signature

SUBHAM OILS & RESINS (P) LTD.

Handwritten signature
Director

Annexure-II

Annexure to NOC Sl. No NO153449

Special Conditions issued to M/s. Subham Oils & Resins Pvt. Ltd., Mouza & Vill.- Navarand, P.O.- Suryapur, P.S.-Titagarh, Dist. North 24 Parganas, West Bengal

A. Emission:-

Stack No.	Stack attached to	No. of Unit	Capacity of Unit	height from ground (Mt)	Pollution control devices
1	Thermic Fluid Heater	1	400000 Kcal/hr	30.00	Bag Filter
1	Thermic Fluid Heater (Biomass Briquette fired)	1	600000 Kcal/hr	30.00	Bag Filter
1	Boiler (Non IBR) (HSD Fired)	1	2 MT/hr	30.00	-

1. Stacks should have sampling port, platform and ladder as per the Emission Regulation Part-III of CPCB.
2. Fugitive emissions at all possible sources should be arrested.
3. All other process emission (if any) should be passed through wet scrubber followed by stack of height 15 m from GL.
4. The National Ambient Air Quality Emission Standards issued by MoEF vide G.S.R 826(E) dated 16th November, 2009 should be complied with.
5. Emission standard for the thermic fluid heater stack should be maintained below 50 mg/Nm³.

B. Effluent:-

- 1) Process – To be treated in ETP. Treated effluent to be utilized within project premises. Zero Discharge Principle to be strictly followed.
- 2) Domestic – To be treated in septic tank and soak pit.

C. Solid Waste :-

1. Hazardous waste including ETP sludge to be disposed off as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
2. Other solid wastes to be disposed off as per the Solid Waste Management Rules, 2016.

D. General :-

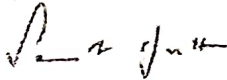
- 1) Noise Control – Ambient noise & D.G. Set noise level not to exceed the permissible limit.
- 2) The standards / guidelines for control of noise from stationary Diesel generator sets prescribed under notification of Ministry of Environment & Forest, Govt. of India, G.S.R.371(E), [17/5/2002] and its amendments should be followed.
- 3) Fire License to be obtained from competent authority.
- 4) The unit should obtain authorization from this Board under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

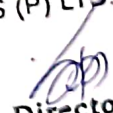
SUBHAM OILS & RESINS (P) L

Asstt. Engr. & I/C.

Direct

- 5) Good housekeeping to be maintained.
- 6) No expansion / modification to be carried out without permission from this Board.
- 7) The unit should obtain Consent-to-Operate from the Board before starting manufacturing activities.
- 8) All Statutory clearances/licenses from Competent Authorities, as applicable, to be obtained.
- 9) All conditions of the Environmental Clearance issued by SEIAA, West Bengal vide memo no. 1951/EN/T-II-I/042/2015 dated 05.09.2016 to be complied with.
- 10) This 'Consent to Establish' is valid up to 31.12.2025 for setting up the unit.


02/01/2019
Member Secretary, Asstt. Engr. Engineer, EIM Cell & I/C.
West Bengal Pollution Control Board

SUBHAM OILS & RESINS (P) LTD.

Director

Annexure-16

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Pranta Bhawan, Block 'D' -115A, 4th Floor, Sector - 71,

Salt Lake, Kolkata - 700 066

Telephone No. 93 - 2737 0262

Website : www.seiaa.gov.in

No. 1951/ENT-III-1042/2015

Date : 05/09/2016

To

M/s. Subham Oils & Resins Pvt. Ltd.
183, Bangur Avenue, Block - B
Kolkata - 700 055

SUB : Environmental Clearance for the proposed expansion of resin & allied chemical manufacturing unit by M/s. Subham Oils & Resins Pvt. Ltd. at JL no-15, plot no- 650/780, 636/781, 636/861, Vill+Mouza-Navarand, PO-Suryapur, PS-Titagarh, Sewli gram panchayet, Dist-North 24 Pgs, West Bengal.

Sir,

This has a reference to your application submitted on 28/07/2015 and subsequent communications for environmental clearance for the proposed expansion of resin & allied chemical manufacturing unit by M/s. Subham Oils & Resins Pvt. Ltd. at JL no-15, plot no- 650/780, 636/781, 636/861, Vill + Mouza- Navarand, PO - Suryapur, PS - Titagarh, Sewli gram panchayet, Dist-North 24 Pgs, West Behgal.

The proposal has been examined and processed in accordance with the EIA Notification, 2006. It is noted that the proposed proposal is for expansion of alkyd resin and allied chemicals manufacturing unit from 2010 TPA to 11100 TPA. The unit has obtained Environmental Clearance for the existing project from MOEF & CC vide E.No-J-11011/551/2010-(A-II(I) dated 22.05.2013.

It is noted that the salient features of the project for which Environmental clearance has been considered are given below:-

- Location of the Site -- JL no-15, plot no-650/780, 636/781, 636/861, Vill+Mouza-Navarand, PO - Suryapur, PS-Titagarh, Sewli gram panchayet, Dist-North 24 Pgs.
- Land Area -- 1.172 acre (Existing-0.670 acre, additional-0.502 acre).
- Latitude & Longitude -- 22°44'30.57"N & 88°24'46.49"E
- Additional Production Capacity -- see annexure I.
- Total Water requirement -- Industrial - 2 KLD, Domestic-1 KLD, Gardening-1 KLD
- Total Waste water generation--Industrial-0.35 KLD, Domestic-0.89 KLD
- Wastewater treatment-- Industrial waste water generated from unit to be treated in adequate capacity ETP. The unit shall maintain zero waste water discharge.
- Proper Emission sources -- Thermic fluid heater (HSD fired)- 1x6 lac Kcal/hr & 1x4 lac Kcal/hr, Reactor-2x6 T, 1x5 T, 1x4 T & 1x1 T and 1x6 steam boiler (HSD fired).
- Air pollution Control system- Reaction kettles to be provided with wet scrubber and stack of ht. 30m from GL and TFH & boiler to be provided with stack of ht. 30m from GL.
- Solid waste/sludge generated from ETP & other hazardous waste to be sent to WBSWM Haldia.
- Additional Power Requirement -- 60 KVA (existing) & existing-22 KVA
- Total Circuits -- 73% of load area.
- Back up power -- Additional DG sets -- 1x125 KVA & 1x750 KVA.

SUBHAM OILS & RESINS (P) LTD.

Director

Condition for Environmental Clearance for the proposed expansion of resin & allied chemical manufacturing unit of M/s. Subham Oils & Resins (P) Ltd. Plot No. 15, plot no. 650, Industrial Estate, Vill. Mouza-Narail P.O. Narail, PS. Bhagabadi, gram panchayat, Dist. North 24 Pgs. West Bengal.

State Level Environment Impact Assessment Authority (SLEIAA) examined the proposal and also perused recommendations of the State Level Expert Appraisal Committee (SEAC). After due consideration of the project proposal and the recommendations of the State Level Expert Appraisal Committee (SEAC), the State Level Environment Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA notification no. S.O. 1533 (E) dt. 14th September, 2006 of the Ministry of Environment, Forests & Climate Change, GOI, subject to strict compliance of terms and conditions as mentioned below :-

A. SPECIFIC CONDITIONS:

- i. The gaseous emissions from various process units should conform to the load / mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit. At no time the emission level should go beyond the prescribed standards.
- ii. Proposed boiler, TFH are reactors should be provided with stack of height 30 m from GL as proposed. Stack emissions should be monitored at regular intervals and records should be maintained.
- iii. Ambient air quality data shall be collected as per NAAQS standards notified by the Ministry vide G.S.R. / No. 826(E) dated 16th September, 2009. The levels of PM₁₀, PM_{2.5}, SO₂, NO_x, VOC, NH₃ and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of WBPCB.
- iv. In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials and water sprinkling. Adequate stack height would be provided for wider dispersion of gaseous emissions and regular stack monitoring would be done as per CPCB guidelines.
- v. For further control of fugitive emissions, following steps shall be followed :
 1. Closed handling system shall be provided for chemicals.
 2. Reflux condenser shall be provided over reactor.
 3. System of leak detection and repair of pump/pipeline based on preventive maintenance.
 4. All the raw materials are stored in tanks/drums in isolated/ designated storage area and are kept tightly closed.
- vi. Groundwater shall be abstracted as per permission obtained from the competent authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act: 2005.
- vii. In case of treatment process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- viii. The unit shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. The unit shall maintain proper inventory of hazardous chemicals and keeps the buffer stock as minimum as possible to reduce possibility and magnitude of environmental hazards.
- ix. As proposed, rain water should be stored in 280 KL capacity storage tanks as proposed to use the stored water for plantation, firefighting, washing & cleaning etc. Recharging of ground water is not permitted.

SUBHAM OILS & RESINS (P) LTD.


Director

Conditions for Environmental Clearance for the proposed expansion of resin & allied chemical manufacturing unit by M/s. Subham Oils & Resins Pvt. Ltd. in J.L. no-15, plot no- 630/50, 636/281, 636/361, Vill - Monza-Navarand, PO-Suryapur, PS-Turaguh South gram panchayet, Dist- North 24 Pgs, West Bengal.

- x. Waste water generated from the project will be treated in ETP. Cooling water shall be recycled within factory premises. As proposed, the unit shall maintain zero waste water discharge.
- xi. Continuous and regular monitoring of both the ETP should be carried out and monitoring report to be submitted in WBPCB's regional office.
- xii. The project proponent should take proper precautionary measures against release / escape of effluents due to inclement weather situations like heavy rains etc. There should be a peripheral drain system for arresting any liquid effluent that may overflow/ spill over and this drain must be suitably connected to the ETP.
- xiii. The hazardous wastes generated to be stored and handled as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008. The unit shall provide isolated area for the hazardous waste storage within the premises.
- xiv. The unit shall undertake following waste minimization measures :-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses/ jet pumps for equipment cleaning to reduce wastewater generation.
- xv. Storage/ loading/unloading should be done over impervious floor so that no leakage to soil under the premises can take place.
Storage should be done in a well-ventilated region-allowing no accumulation of vapors.
- xvi. Ambient noise level should not exceed the permissible limit. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) Leq (daytime) and 70 dB(A) Leq (nighttime) and its subsequent amendments.
- xvii. Green belt shall be developed within and around the plant premises. At least 33% of the land area should be covered by plantation. At least 110 nos. of plants to be planted. Indicative list of species is given at Annexure - II. The landscape planning should include plantation of native species. The species with heavy foliage and wide canopy cover are desirable.
- xviii. All internal roads should be concreted / pitched. Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper house keeping shall be maintained within the premises. Solar lighting should be used as far as practicable.
- xix. Emergency preparedness plan should be in place for accidental releases and failures of any vessel/ equipment used in the process.
- xx. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- xxi. Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire and explosion hazards.
- xxii. The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.
- xxiii. The Corporate Social Responsibility Plan with specific financial commitment should be

SUBHAM OILS & RESINS (P) LTD.

Director

Conditions for Environmental Clearance for the proposed expansion of resin & allied chemical manufacturing unit by M/s Subham Oils & Resins Pvt. Ltd. at JL no-15, plot no-650/780, 636/781, 636/861, Vill+Mouza-Navarand, PO-Suryapur, PS-Titagarh, Sewli gram panchayat, Dist-North 24 Pgs, West Bengal.

implemented for the proposed project. Atleast 5% of the project cost should be utilised for Corporate Social Responsibility programmes. CSR activities shall be undertaken by involving local villages and administration.

B. GENERAL CONDITIONS :

- i. The environmental clearance accorded shall be valid for a period of 7 years for the proposed project.
- ii. Prior Consent-to-Establish (NOC) for the proposed expansion project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.
- iii. The project proponent shall comply with all the environmental protection measures and safeguards recommended. Further, the unit must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- iv. All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.
- v. Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits. Environmental sanitation should be ensured for the workers.
- vi. The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, West Bengal along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.
- vii. No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority, West Bengal. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, West Bengal.
- viii. The West Bengal Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Level Environment Impact Assessment Authority, West Bengal.
- ix. The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal and copies of the clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the SEIAA, West Bengal (<http://environmentwb.gov.in>). This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.
- x. The Project Authorities should inform the State Pollution Control Board as well as the SEIAA, West Bengal, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work project implementation.
- xi. The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste Management Handling and

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Director

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transboundary Movement) Rules, 2009, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.

- xii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.
- xiii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xiv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- xv. The contact details of the proponent and the name of the consultant are given below -

Name of the Contact person with Designation | Shri Sujit Kumar Modi, Director

Address

183, Bangur Avenue, Block - B
Kolkata - 700 055

Email

sjtmodi@yahoo.co.in

Telephone Number, Fax Number

pscpl.env@gmail.com

Name of the Consultant

8100226446/9339226446

M/s. Pacific Scientific Consultancy Pvt. Ltd.

Chief Environment Officer &
Member Secretary, SEIAA

Date : 05 / 09 / 2016

No. 1951 / EN/T-II-1/042 / 2015 / I(4)

Copy forwarded to :-

1. Secretary, SEAC & M.S. WBPCB
2. Officer-in-Charge, Regional Office (Eastern Zone), Ministry of Environment & Forests, Government of India, A-3, Chandrashekharpur, Bhubaneswar - 751 023, Orissa.
3. Chief Inspector of Factories, Factories Directorate, 1, K.S. Roy Road, Kolkata - 700 001.
4. Guard file / Record file.

SJ/-

Chief Environment Officer &
Member Secretary, SEIAA

SUBHAM OILS & RESINS (P) LTD.

Director

Conditions for Environmental Clearance for the proposed expansion of resin & allied chemical manufacturing unit by M/s. Subham Oils & Resins Pvt. Ltd. at PL no-15, plot no-650/780,636/781,636/861,Vill- Monza-Navarand,PO Suryapur,PS-Titagarh,New gram panchayat, Dist- North 24 Pgs, West Bengal.

Annexure -II

LIST OF TREES PROPOSED FOR PLANTATION

Sl. No.	BOTANICAL NAME	COMMON NAME	QUANTITY
1.	<i>Polyalthia longifolia</i>	Debdaru	50
2.	<i>Mimusops elengi</i>	Bakul	25
3.	<i>Alstonia scholaris</i>	Chhatim	15
4.	<i>Delonix regia</i>	Gulmohar	10
5.	<i>Anthocephalus cadamba</i>	Kadam	5
6.	<i>Azadirachta indica</i>	Neem	5
		Total	110

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Director

Conditions for Environmental Clearance for the proposed expansion of resin & allied chemical manufacturing unit by M/s. Subham Oils & Resins Pvt. Ltd. at 31-32-33, plot no- 630, 89,636, 781,636 Sal, Tal: Manza-Nawarand, PO: Suryapur, PS-Fitaguri Sewa gram panchayat, Dist- North 24 Pgs, West Bengal

Summary of products list (Annexure D)

Sl. No.	Products	Existing capacity (TPA)	Additional capacity (TPA)
1.	Alkyd resin	1500	4800
2.	Thickening of strand, linseed oil	510	-----
3.	Maleic resin	-----	600
4.	Phenolic resin	-----	300
5.	CNSL resin	-----	920
6.	Acrylic resin	-----	900
7.	Easter resin	-----	300
8.	Polyamide resin	-----	300
9.	Acrylic emulsion	-----	2400
10.	Pine & turpentine allied products	-----	200
11.	Epoxy resin	-----	380

[Signature]

SUBHAM OILS & RESINS (P) LTD.

[Signature]
Director

Annexure-17

আনন্দবাজার পত্রিকা ও এবেলা-র কল্যাণ অফার: ৫ টাকা

আরও শ্রেণিবদ্ধ
বিজ্ঞাপন
২ পাতায়

‘জৈ’
বিজ্ঞাপনের ড
অভিজিৎ-৭

The Telegraph

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hostress model pick &
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788888

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file Male/Female this Hu-
mid Season 9331164048/
9339539049/ 9330797577
788228



It is for information
that Subham Oils and
Resins Private Limited is
being accorded Environ-
mental Clearance from
MOEF, Govt. of India vide
F. No. J-11011/351/2010-
LA II (I), dtd. 22.03.2013 for
production of Alkyd
Resin (1500 TPA) at
Village- Surjpur, Tehsil
Barackpore, Dist. North
24Pgs, West Bengal. More
information available
with WB.P.C.B. &
M.O.E.F. Web site of :
<http://envfoic.in>
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I under sign Tahamina
Begum declare that Tahi-
mina Gajali in my school
certificate and Taimina
Gajali in my sons birth
certificate are the one &
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South 24 Pargana on 9th
April 2013.
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Chairman of AICTE
year 2012

MONITORING DATA INTERPRETATION

1. Ambient Air Monitoring

Ambient air quality monitoring has been carried out in the month of September, 2025 in four locations to assess the ambient air quality of Project Site.

Parameters	Back Side of the Plant	East Side of the Village	Near Gate No. 2	Near Administrative Building
PM _{2.5} (µg/m ³)	28.34	23.75	42.48	28.34
PM ₁₀ (µg/m ³)	46.54	46.23	61.53	56.22
SO ₂ (µg/m ³)	4.92	5.37	9.63	5.15
NO ₂ (µg/m ³)	15.16	16.37	23.83	16.61

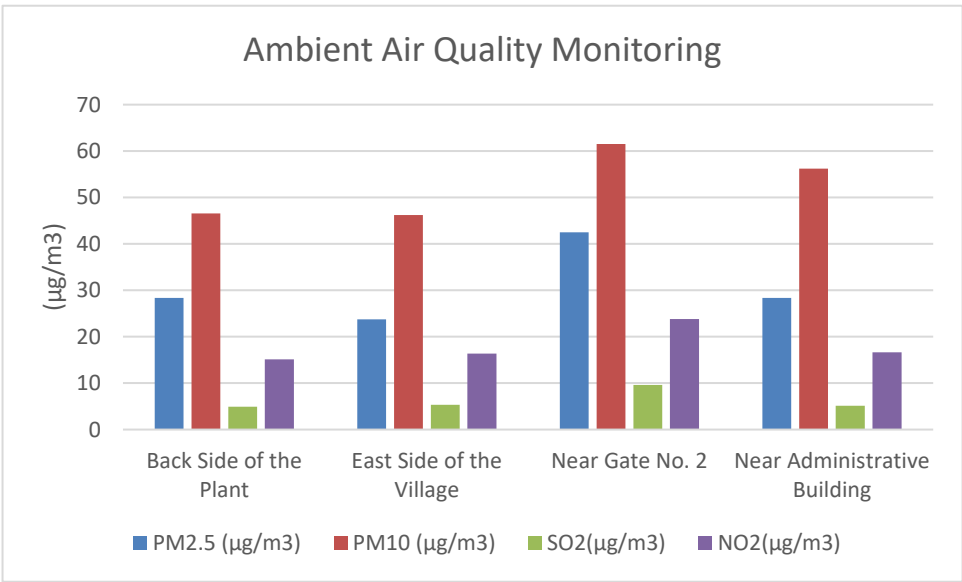


Figure 1: Graphical Representation of Ambient Air Monitoring

2. Stack Gas Analysis

The sample was taken on September, 2025.

Location Parameters	Reaction Kettle (Over Hood)	Thermic Fluid Heater	D.G. Set – 160 KVA
PM (mg/Nm ³)	16.50	38.52	23.57

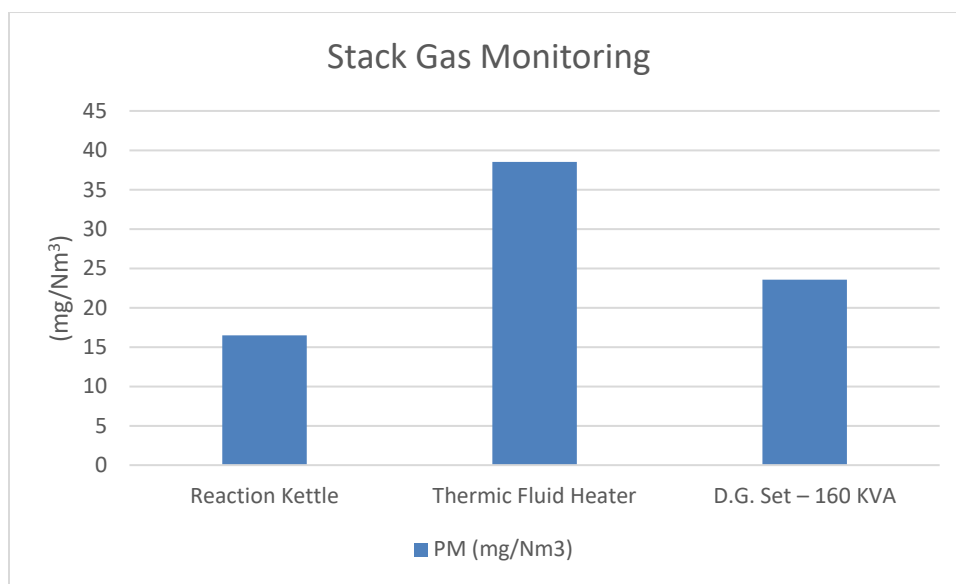


Figure 2: Graphical Representation of Stack Gas Monitoring

3. Work Zone Air Quality Analysis

The sampling has been carried in month of September, 2025.

Parameters	Inside the shed (near Processing Store)	Inside the shed (near store)
SPM($\mu\text{g}/\text{m}^3$)	167.54	210.40
RPM ($\mu\text{g}/\text{m}^3$)	76.12	82.57
SO ₂ ($\mu\text{g}/\text{m}^3$)	12.43	12.76
NO ₂ ($\mu\text{g}/\text{m}^3$)	19.86	26.36

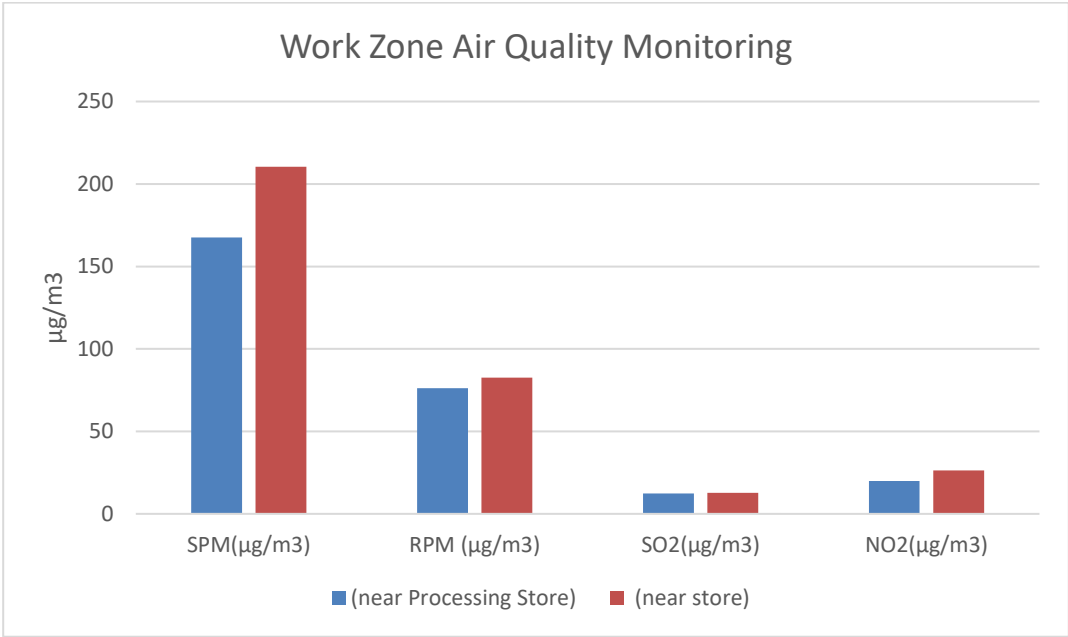


Figure 3: Graphical Representation of Work Zone Air Quality Analysis

4. Effluent Water Quality Monitoring

Effluent water sampling date is September, 2025.

i. E.T.P Inlet

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.26
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	160.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	14.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	1280.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	280.0

ii. E.T.P Outlet

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	6.80	5.5 – 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	36.0	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	6.50	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	70.0	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	25.0	30.0

5. Ambient Noise Monitoring

On September, 2025 Noise sampling has been carried out.

Location	Results dB(A) (Day Time)	Results dB(A) (Night Time)
Near D.G. Room	71.12	52.46
Near store Room	63.89	52.33

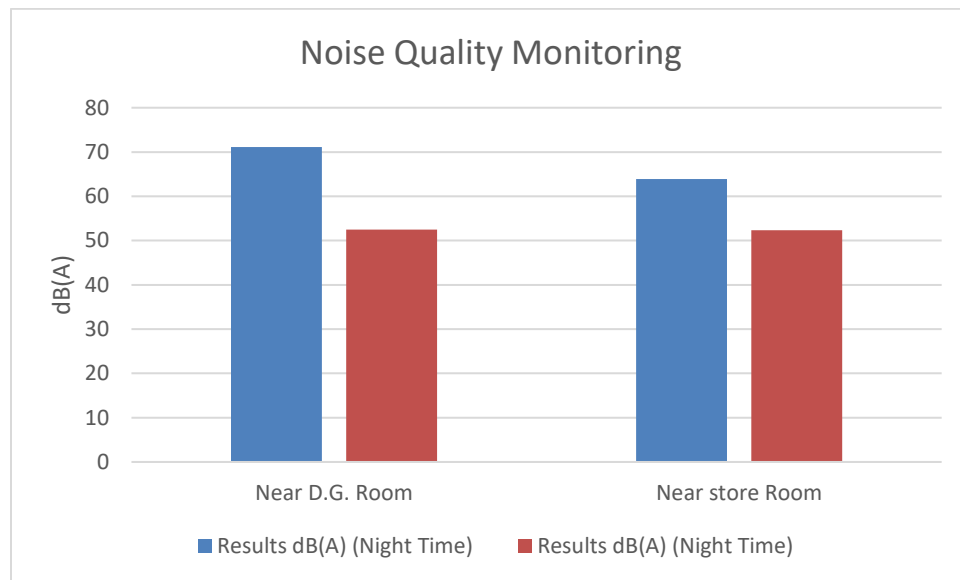


Figure 4: Graphical Representation of Ambient Noise Monitoring