

SIX MONTHLY COMPLIANCE REPORT

OCTOBER 2020 TO MARCH 2021



Prepared by:

Subham Oils & Resins Private Limited

Village Surjpur, Tehsil Barackpore, District North 24 Parganas, West Bengal.

INTRODUCTION

Subham Oils & Resins Private Limited has established Alkyd Manufacturing unit (1,500 TPA/42.5 MTPM) at JL No. 15, Plot No. 650/780, 635/781, 636/861, Village Surjpur, Tehsil Barackpore, District North 24 Parganas, West Bengal. It has started its commercial production in 2014. The plant is continuing their production safely till to date without any causing any environmental mismanagement.

Subham Oils & Resins Private Limited was granted Environmental Clearances from Ministry of Environment & Forest (MoEF), Consent to Establish as well as Consent to operate (CTO) from West Bengal Pollution Control Board respectively. As part of the compliance of statutory requirement environmental quality monitoring is being done. In the mean time the project proponent has obtained the EC for its expansion unit.

Ambient Air Quality Monitoring Stations have been established and are monitored at four locations around the site. Presently environmental quality monitoring & analysis is being carried out by M/s. Envirocheck, Kolkata, West Bengal.

As per the conditions of MoEF the unit is complying all the conditions. The detail regarding compliance is given herewith in the following pages for the half yearly period of October 2020 to March 2021.



COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE

Name of the Project: Alkyd Manufacturing Unit (1500 TPA)

Clearance Letter No.: F-No. J-11011/551/2010-IA-II (I), dated 22nd March, 2013

Project Code: 110-250

Period of Compliance Report: October 2020 to March 2021

A. SPECIFIC CONDITIONS:

Sl.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
i.	Regular monitoring of Volatile Organic Compounds (VOCs) should be carried out.		As per the requirement of six monthly compliance report The unit has carried out the monitoring of VOC inside the factory premises.
ii.	Stack of adequate height should be installed to oil fired boiler to disperse waste gases into atmosphere.	:	The height of stack with the boiler is 100 feet to carry the flue gas due to combustion of H.S.D. in it. The test report is as Annexure – 1 .
iii.	Fugitive emissions in the work zone environment, product, raw materials storage area etc. should be regularly monitored. The emissions should confirm to the limits imposed by SPCB.	:	The unit monitored Fugitive emissions in the work zone twice a year & found satisfactory. The test report is in Annexure – 3 .
iv.	Wet scrubber should be provided to control process emissions. Methanol should be recovered from the process area.		For controlling the fumes during charging of chemicals Wet scrubber is provided with the kettles. The necessary hood is fitted mouth of the charging door. Methanol Methanol recovery is not applicable in this unit.

Sl.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
v.	Total water requirement should not exceed 0.4m ³ /day and prior permission shall be obtained from the concerned Authority.		Water does not use in the process. Requirement of water is for cooling purpose only. The requirement of waste is restricted to 400 lits/day.
vi.	As proposed, Industrial effluent shall be treated in ETP. Treated effluent should be reused/recycled within the factory premises. Water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB. As proposed Phenol should be extracted/treated from the effluent before sending to the ETP.		The unit has installed E.T.P. and running successfully. The treatment method involves chemical followed by activated sludge process and tertiary treatment with activated carbon. The treated waste water is reused in different domestic purpose. The Test Report is in the Annexure – 4.
vii.	The company should obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from SPCB should be obtained for disposal of solid / hazardous waste in the TSDF. Measures should be taken for firefighting facilities in case of emergency.		The hazardous waste authorization has obtained by the company for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling & Trans-Boundary Movement) Rules. The waste is given to WBPCB authorize agency as per agreement done with that agency.
viii.	Solvent management should be as follows :		As per direction to minimize the probability of any untoward incident

SI.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
	- Reactor should be connected to chilled brine condenser system. - Reactor and solvent handling pump should have mechanical seals to prevent leakages. - The condensers should be provided with sufficient Heat Transfer Area. (HTA) and residence time so as to achieve more than 95% recovery. - Solvents should be stored in a separate space specified with all safety measures. - Proper earthing should be provided in all the electrical equipments wherever solvent handling is done. Entire plant where solvents are used should be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.		all precautionary measures are taken in this unit. All safety measures are taken as per the conditions mentioned above. All chemicals are kept in earmarked area as per direction of the EC. Flame proof Solvents are used in the entire plant. Solvent storage tank is provided with breather valve to prevent losses.
ix.	As proposed, green belt should be developed in at least 33 % of the project area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.		The unit is small. However the essential green belt plan is prepared and accordingly all the measures are implemented gradually in the open space. At least 33% is targeted for plantation area. The evidence is given in the Photographs.

Sl.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
x.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.		On a regular basis occupational health surveillance of workers is done. Essential medical checkup is done in ESI hospitals as all the workers are covered under ESI scheme. However a regular check of workers health is done as per requirement on case to case basis. Annexure – 6.
xi.	All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 30.1.2012 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar		For Environmental Management Plan, a separate budget is kept to take care of the commitments given during public hearing held on 30.01.2012.
xii.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.		During construction work all the necessary infrastructure was provided to workers. Essential drinking water, medical facilities and other amenities were provided to the worker. In the expansion unit, after completion of the project the temporary structure of labour hutment will be removed.

B. GENERAL CONDITIONS

Sl.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
i.	Ambient air quality data should be collected as per NAAQS standards notified by the Ministry on 16h September, 2009.		AAQ monitoring is done in every six month, as per NAAQS standards notified by MOEF. The AAQ Monitoring has been done on 15.03.2021. The Test Report is given in Annexure – 2 .
ii.	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.		The project proponent is adhering to all the stipulation made by W.B.P.C.B. and the State Government.
iii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.		There will be no expansion or modification carried out without prior approval of Ministry of Environment and Forests, in the plant and necessary EC is already obtained.
iv.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.		As per the conditions four Ambient Air Quality Monitoring stations had been installed by the project proponent as per the predominant wind direction. The monitoring is done once in every six months. See Annexure – 2 . The Stack emission and Ambient Air Quality monitoring report are submitted regularly to MoEF Bhubaneswar and the SPCB once in six months.

Sl.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
v.	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.		The main source of waste water generation in this unit is the condensate from the condenser. There is other waste water from domestic discharge. The domestic discharge is taken to septic tank.
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods , silencers, enclosures etc. on all sources of noise generation . The ambient noiselevels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and-70 dBA (night time).		Noise levels, in and around the plant, area is kept within the limit under EPA rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time). In this unit all necessary measures are taken to control the noise level. See Annexure – 5.
vii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.		Employees are covered under State Employees Insurance. As per requirement occupational health surveillance of the workers is done on a regular basis.
viii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.		The Project Proponent has planned for rain water harvesting. In the plan recharging of ground water is not considered.

Sl.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc		According to the recommendations & plan, implementation of the environmental protection measures and safeguards is completed in the unit. Beside this the unit has taken part in the social activities in the surrounding villagers. The unit has already implemented Environmental Management Plan and regularly taking part in social activities in the nearby areas.
x.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional office of the Ministry of Bhubaneswar. The funds so provided shall not be diverted for any other purpose.		For Environmental Pollution Control measures in line with the guidelines of State Pollution Control Board, necessary funds are kept towards capital cost & recurring cost/annum.
xi.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestion /representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.		The project proponent has sent the copy of clearance letter to the concerned Panchayet. The suggestion/representation is taken care of. Also the clearance letter is put on the website of the company.

SI.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
xii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.		The unit is complied the conditions given herewith.
xiii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB / SPCB shall monitor the stipulated conditions.		The project proponent is submitting six monthly reports regularly to the Regional Office of MoEF, Bhubaneswar and SPCB.
xiv.	The environment al statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.		As per Environment (Protection) Rules,1986 the Environmental Statement for the year ending 31 st March,2020 is made and submitted in due course.

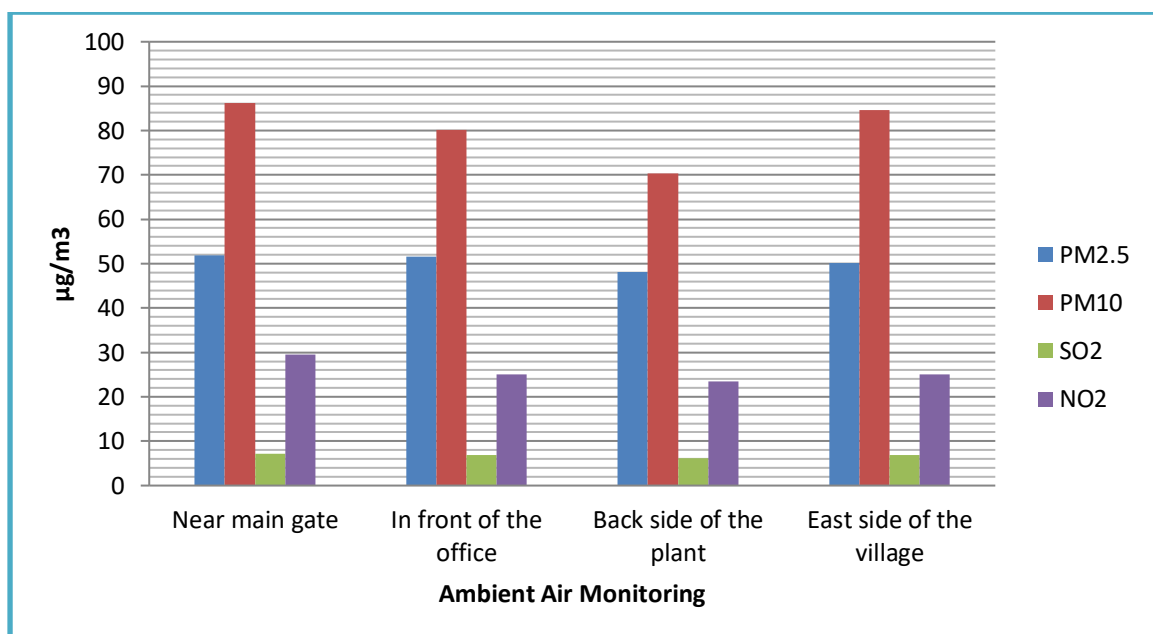
SI.	COMPLIANCE CONDITIONS	:	COMPLIANCE STATUS
xv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.		Each condition is complied & copy of the advertisement is given in Annexure – 7.
xvi.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.		The copy of the Consent to Establish and Consent to Operate are enclosed herewith in Annexure -8.

DATA INTERPRETATION

1. Ambient Air Monitoring

Ambient air quality monitoring has been carried out in the month of March, 2021 in four locations to assess the ambient air quality of Project Site.

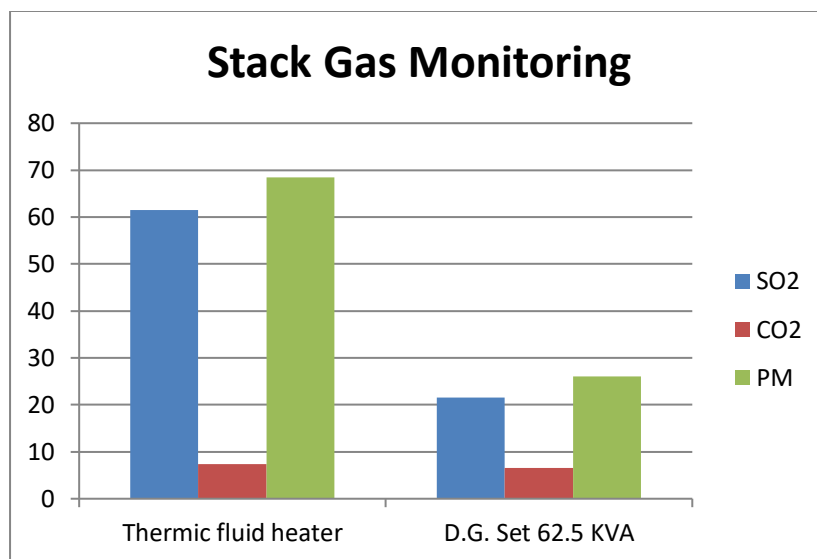
Parameters	Near main gate	In front of the office	Back side of the plant	East side of the village
PM _{2.5} (µg/m ³)	51.86	51.60	48.12	50.12
PM ₁₀ (µg/m ³)	86.22	80.16	70.26	84.58
SO ₂ (µg/m ³)	7.20	6.82	6.20	6.86
NO ₂ (µg/m ³)	29.52	25.0	23.52	25.02



2. Stack Gas Analysis

The sample was taken on 15th March, 2021.

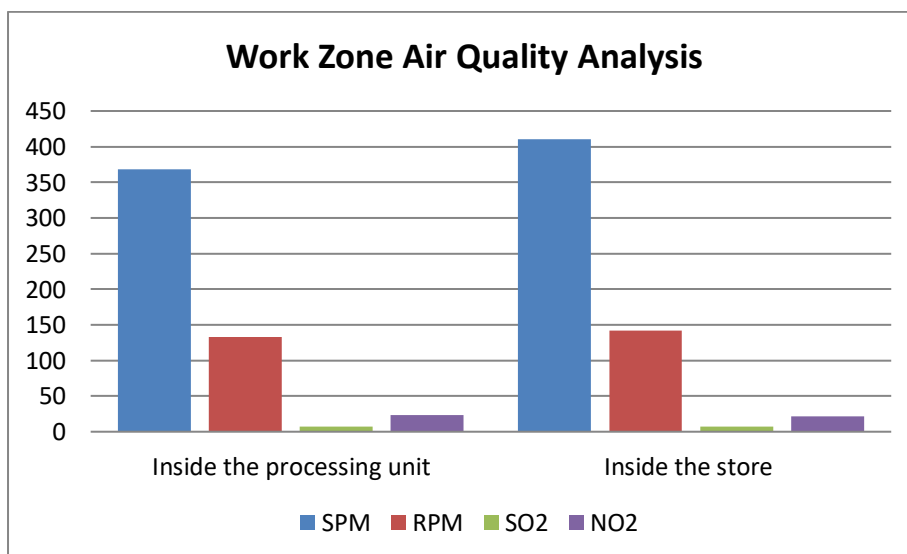
Parameters	Thermic fluid heater	D.G. Set 62.5 KVA
SO ₂ (mg/Nm ³)	61.50	21.58
CO ₂ %(v/v)	7.4	6.6
PM (mg/Nm ³)	68.52	26.12



3. Work Zone Air Quality Analysis

The sampling has been carried in month of March, 2021.

Parameters	Inside the processing unit	Inside the store
SPM($\mu\text{g}/\text{m}^3$)	410.52	368.52
RPM($\mu\text{g}/\text{m}^3$)	141.86	132.58
SO ₂ ($\mu\text{g}/\text{m}^3$)	7.20	7.50
NO ₂ ($\mu\text{g}/\text{m}^3$)	21.82	23.56



4. Effluent Water Quality Monitoring

Effluent water sampling date is 15th March, 2021.

i. E.T.P Inlet

Parameters	Results	Limit
pH value	6.26	5.5-9.0
Total Suspended Solids	125.0	100.0
Oil & Grease	16.50	10.0
Chemical Oxygen Demand	920.0	250.0
BOD [3 days, 27°C] (mg./l)	310.0	30.0

ii. E.T.P Outlet

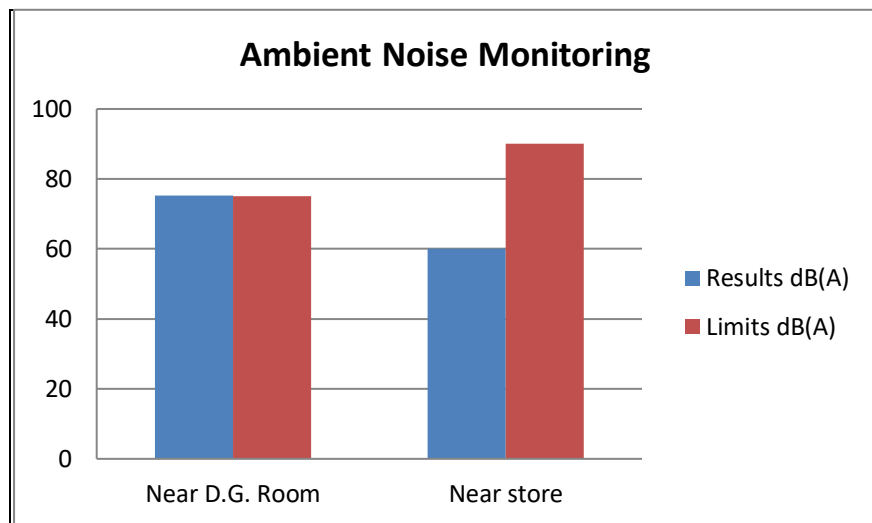
Parameters	Results	Limit
pH value	7.12	5.5-9.0
Total Suspended Solids	35.0	100.0
Oil & Grease	4.50	10.0
Chemical Oxygen Demand	70.0	250.0
BOD [3 days, 27°C] (mg./l)	23.0	30.0

5. Ambient Noise Monitoring

On 15th March, 2021 Noise sampling has been carried out

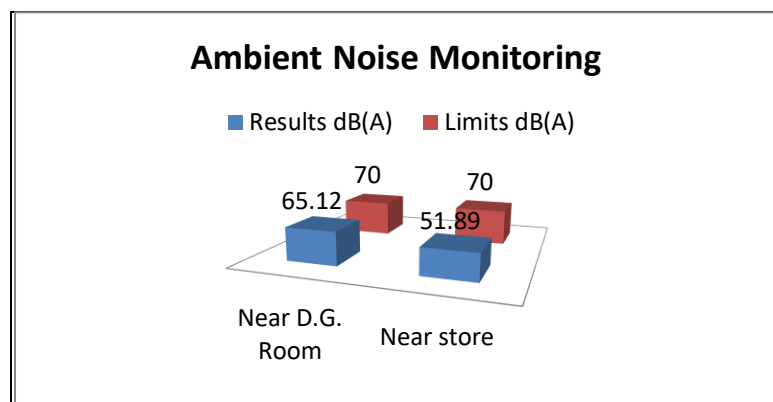
i. Day time

Location	DAY TIME	
	Results dB(A)	Limits dB(A)
Near D.G. Room	75.23	75
Near store	60.10	90



ii. Night Time

Location	NIGHT TIME	
	Results dB(A)	Limits dB(A)
Near D.G. Room	65.12	70
Near store	51.89	70



Annexure – 1



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



Certificate No. TC-6014



ISO 9001:2015



ACCREDITED
Management Systems
Certification Body
MSCB-150
ISO 14001:2015



ACCREDITED
Management Systems
Certification Body
MSCB-150
ISO 45001:2018

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	:	15.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Source Emission
Sample ID No.	:	248/EC/M/March/A/I	Report No.	:	248/EC/M/March/TR(A)/I/20-21

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
Height of Stack (mtr.) (from G. L.)	:	30.0
Stack I.D. at sampling point (mtr.)	:	0.30
Height of sampling port (mtr.) (from G.L.)	:	22.0
Permanent Platform & Ladder	:	Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 65.0	N.A.
2.	Barometric Pressure	mm of Hg.	--	: 757.0	N.A.
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 8.31	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS : 11255 (Part III)	: 1779.44	N.A.
5.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 18.56	150.0

Remarks : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].
: N.A. means Not Available.

Reviewed By :

(DurbadalChakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)

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Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



ENVIROCHECK

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Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



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	:	15.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Source Emission
Sample ID No.	:	248/EC/M/March/A/II	Report No.	:	248/EC/M/March/TR(A)/II/20-21

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	:	4,00,000 K-Cal/hr.
Emission Due to	:	Combustion of Furnace Oil
Fuel Used	:	Furnace Oil
Working Fuel Consumption	:	20 liter./hr.
Pollution Control Device	:	Nil
Height of Stack (mtr.) (from G. L.)	:	30.0
Stack I.D. at sampling point (mtr.)	:	0.30
Height of sampling port (mtr.) (from G.L.)	:	6.09
Permanent Platform & Ladder	:	No

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 129.0	N.A.
2.	Barometric Pressure	mm of Hg.	--	: 757.0	N.A.
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 8.87	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS : 11255 (Part III)	: 1665.24	N.A.
5.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 61.50	N.A.
6.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 7.4	N.A.
7.	Concentration of CO	% (v/v)	IS 13270 1992 RA 2003	: <1.0	1.0
8.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 68.52	150.0

Remarks : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].
: N.A. means Not Available.
: During monitoring temporary ladder and platform were provided.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)

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Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



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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	:	15.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Source Emission
Sample ID No.	:	248/EC/M/March/A/III	Report No.	:	248/EC/M/March/TR(A)/III/20-21

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	D. G. Set – 160 KVA (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	:	No

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 116.0	N.A.
2.	Barometric Pressure	mm of Hg.	--	: 757.0	N.A.
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 16.13	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS : 11255 (Part III)	: 347.41	N.A.
5.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 21.58	N.A.
6.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 6.6	N.A.
7.	Concentration of CO	% (v/v)	IS 13270 1992 RA 2003	: <1.0	1.0
8.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11(Vol. 3 11.07) : 2011	: 26.12	150.0

Remarks : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].
: N.A. means Not Available.
: During monitoring temporary ladder and platform were provided.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)

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

Annexure – 2



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO : ENV/FM/37

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	:	15.03.2021 – 16.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ambient Air
Sample ID No.	:	248/EC/M/March/A/IV	Report No.	:	248/EC/M/March/TR(A)/IV/20-21

A] GENERAL INFORMATION

1. Location of Sampling : Near Main Gate
2. Duration of Sampling : 24 hrs. (09:30 a.m. – 09:30 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.5
2. Average Relative Humidity (%) : 65.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L	51.86	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	86.22	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	7.20	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	29.52	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	0.23	2.0
6.	Concentration of Pb	µg/m ³	IS 5182 (Part 22) 2004	<0.01	1.0
7.	Benzo (a) Pyrene (BaP)	ng/m ³	IS 5182 (Part 12) : 2004 & ASTM D 6209-98 reapproved 2004 : Sec. 11 (Vol. 11.07) : 2011	<0.36	1.0
8.	Benzene (C ₆ H ₆)	µg/m ³	IS 5182 (Part 11) 2006 & ASTM D 5466-01 reapproved 2007 : Sec. 11 (Vol. 11.07) : 2011	<0.74	5.0
9.	Ozone (O ₃)	µg/m ³	IS 5182 (Part-IX) : 1974	<10.0	100.0
10.	Ammonia (NH ₃)	µg/m ³	NIOSH Manual of Analytical Method, 4 th Edition 1994, Method 6015, issue 2	<4.18	400.0
11.	Nickel (Ni)	ng/m ³	EPA IO 3.2, 1999	<0.02	20.0
12.	Arsenic (As)	ng/m ³	EPA IO 3.2, 1999, APHA 23 rd Ed 3114C : 2017	<0.01	6.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)

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TEST REPORT

FORMAT NO : ENV/FM/37

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	:	15.03.2021 – 16.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ambient Air
Sample ID No.	:	248/EC/M/March/A/V	Report No.	:	248/EC/M/March/TR(A)/V/20-21

A] GENERAL INFORMATION

1. Location of Sampling : Infront of Office
2. Duration of Sampling : 24 hrs. (09:50 a.m. – 09:50 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.5
2. Average Relative Humidity (%) : 65.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L	51.60	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	80.16	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.82	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	25.0	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	0.20	2.0
6.	Concentration of Pb	µg/m ³	IS 5182 (Part 22) 2004	<0.01	1.0
7.	Benzo (a) Pyrene (BaP)	ng/m ³	IS 5182 (Part 12) : 2004 & ASTM D 6209-98 reapproved 2004 : Sec. 11 (Vol. 11.07) : 2011	<0.36	1.0
8.	Benzene (C ₆ H ₆)	µg/m ³	IS 5182 (Part 11) 2006 & ASTM D 5466-01 reapproved 2007 : Sec. 11 (Vol. 11.07) : 2011	<0.74	5.0
9.	Ozone (O ₃)	µg/m ³	IS 5182 (Part-IX) : 1974	<10.0	100.0
10.	Ammonia (NH ₃)	µg/m ³	NIOSH Manual of Analytical Method, 4 th Edition 1994, Method 6015, issue 2	<4.18	400.0
11.	Nickel (Ni)	ng/m ³	EPA IO 3.2, 1999	<0.02	20.0
12.	Arsenic (As)	ng/m ³	EPA IO 3.2, 1999, APHA 23 rd Ed 3114C : 2017	<0.01	6.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
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Certificate No. TC-6014



ISO 9001:2015



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MSCB-150
ISO 14001:2015



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Management Systems
Certification Body
MSCB-150
ISO 45001:2018

TEST REPORT

FORMAT NO : ENV/FM/37

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	:	15.03.2021 – 16.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ambient Air
Sample ID No.	:	248/EC/M/March/A/VI	Report No.	:	248/EC/M/March/TR(A)/VI/20-21

A] GENERAL INFORMATION

1. Location of Sampling : At Back Side of the Plant
2. Duration of Sampling : 24 hrs. (10:20 a.m. – 10:20 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.5
2. Average Relative Humidity (%) : 65.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L	48.12	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	70.26	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.20	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	23.52	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	0.18	2.0
6.	Concentration of Pb	µg/m ³	IS 5182 (Part 22) 2004	<0.01	1.0
7.	Benzo (a) Pyrene (BaP)	ng/m ³	IS 5182 (Part 12) : 2004 & ASTM D 6209-98 reapproved 2004 : Sec. 11 (Vol. 11.07) : 2011	<0.36	1.0
8.	Benzene (C ₆ H ₆)	µg/m ³	IS 5182 (Part 11) 2006 & ASTM D 5466-01 reapproved 2007 : Sec. 11 (Vol. 11.07) : 2011	<0.74	5.0
9.	Ozone (O ₃)	µg/m ³	IS 5182 (Part-IX) : 1974	<10.0	100.0
10.	Ammonia (NH ₃)	µg/m ³	NIOSH Manual of Analytical Method, 4 th Edition 1994, Method 6015, issue 2	<4.18	400.0
11.	Nickel (Ni)	ng/m ³	EPA IO 3.2, 1999	<0.02	20.0
12.	Arsenic (As)	ng/m ³	EPA IO 3.2, 1999, APHA 23 rd Ed 3114C : 2017	<0.01	6.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

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TEST REPORT

FORMAT NO : ENV/FM/37

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	:	15.03.2021 – 16.03.2021			
			Period of Analysis	:	17.03.2021 – 18.03.2021			
			Date of Issue	:	20.03.2021			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Ambient Air
Sample ID No.	:	248/EC/M/March/A/VII	Report No.	:	248/EC/M/March/TR(A)/VII/20-21			

A] GENERAL INFORMATION

1. Location of Sampling : East Side of the Village
2. Duration of Sampling : 24 hrs. (10:40 a.m. – 10:40 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.5
2. Average Relative Humidity (%) : 65.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L	50.12	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	84.58	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.86	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	25.02	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	0.23	2.0
6.	Concentration of Pb	µg/m ³	IS 5182 (Part 22) 2004	<0.01	1.0
7.	Benzo (a) Pyrene (BaP)	ng/m ³	IS 5182 (Part 12) : 2004 & ASTM D 6209-98 reapproved 2004 : Sec. 11 (Vol. 11.07) : 2011	<0.36	1.0
8.	Benzene (C ₆ H ₆)	µg/m ³	IS 5182 (Part 11) 2006 & ASTM D 5466-01 reapproved 2007 : Sec. 11 (Vol. 11.07) : 2011	<0.74	5.0
9.	Ozone (O ₃)	µg/m ³	IS 5182 (Part-IX) : 1974	<10.0	100.0
10.	Ammonia (NH ₃)	µg/m ³	NIOSH Manual of Analytical Method, 4 th Edition 1994, Method 6015, issue 2	<4.18	400.0
11.	Nickel (Ni)	ng/m ³	EPA IO 3.2, 1999	<0.02	20.0
12.	Arsenic (As)	ng/m ³	EPA IO 3.2, 1999, APHA 23 rd Ed 3114C : 2017	<0.01	6.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)

Annexure – 3



ENVIROCHECK

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TEST REPORT

FORMAT NO : ENV/FM/57

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	:	15.03.2021 – 16.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Work Zone
Sample ID No.	:	248/EC/M/March/A/VIII	Report No.	:	248/EC/M/March/TR(A)/VIII/20-21

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Store
2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 68.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SPM	µg/m ³	NIOSH 0500 : 1994	368.52	5000.0

Remarks : Limit as per The Factory Act – 1949.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality 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 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	:	15.03.2021 – 16.03.2021				
					Period of Analysis	:	17.03.2021 – 18.03.2021				
					Date of Issue	:	20.03.2021				
Sampling Plan & Procedure		:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Work Zone	
Sample ID No.	:	248/EC/M/March/A/VIII			Report No.	:	248/EC/M/March/TR(A)/VIII/20-21				

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Store
2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 68.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of RPM	µg/m ³	IS 5182 (PART 23) : 2006	132.58	N.A.
2.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	7.50	N.A.
3.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	23.56	N.A.

Remarks : N.A. means Not Available.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)



ENVIROCHECK

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TEST REPORT

FORMAT NO : ENV/FM/57

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	:	15.03.2021 – 16.03.2021
			Period of Analysis	:	17.03.2021 – 18.03.2021
			Date of Issue	:	20.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Work Zone
Sample ID No.	:	248/EC/M/March/A/IX	Report No.	:	248/EC/M/March/TR(A)/IX/20-21

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Processing Store
2. Duration of Sampling : 08 hrs. (10:30 a.m. – 06:30 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 33.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SPM	µg/m ³	NIOSH 0500 : 1994	410.52	5000.0

Remarks : Limit as per The Factory Act – 1949.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)



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TEST REPORT

FORMAT NO : ENV/FM/57

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	:	15.03.2021 – 16.03.2021			
			Period of Analysis	:	17.03.2021 – 18.03.2021			
			Date of Issue	:	20.03.2021			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Work Zone
Sample ID No.	:	248/EC/M/March/A/IX	Report No.	:	248/EC/M/March/TR(A)/IX/20-21			

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Processing Store
2. Duration of Sampling : 08 hrs. (10:30 a.m. – 06:30 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 33.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of RPM	µg/m ³	IS 5182 (PART 23) : 2006	141.86	N.A.
2.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	7.20	N.A.
3.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	21.82	N.A.

Remarks : N.A. means Not Available.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)

Annexure – 4



ENVIROCHECK

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FORMAT NO. ENV/FM/40

TEST REPORT

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	:	15.03.2021
			Period of Analysis	:	15.03.2021 – 18.03.2021
			Date of Issue	:	21.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Industrial Effluent Water (Grab)
Location	:	E.T.P Inlet	Sample ID No.	:	ENV/723/March/W/M/I
			Report No.	:	ENV/723/March/TR(W)/M/I/20-21

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH value	4500 H+B APHA 23 rd Edition, 2017	-	6.26	5.5-9.0
2.	Total Suspended Solids	2540 D APHA 23 rd Edition, 2017	mg/l	125.0	100.0
3.	Oil & Grease	5520 Oil B/D APHA 23 rd Edition, 2017	mg/l	16.50	10.0
4.	Chemical Oxygen Demand	5200 COD B/C/D APHA 23 rd Edition, 2017	mg/l	920.0	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	5210 BOD B APHA 23 rd Edition, 2017	mg/l	310.0	30.0

Remarks : 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.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



Certificate No. TC-5014



ISO 9001:2015



ACCREDITED
Management Systems
Certification Body
MSCB-150
ISO 14001:2015



ACCREDITED
Management Systems
Certification Body
MSCB-150
ISO 45001:2018

FORMAT NO. ENV/FM/40

TEST REPORT

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	:	15.03.2021
			Period of Analysis	:	15.03.2021 – 18.03.2021
			Date of Issue	:	21.03.2021
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Industrial Effluent Water (Grab)
Location	:	E.T.P Outlet	Sample ID No.	:	ENV/723/March/W/M/II
			Report No.	:	ENV/723/March/TR(W)/M/II/20-21

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH value	4500 H+B APHA 23 rd Edition, 2017	-	7.12	5.5-9.0
2.	Total Suspended Solids	2540 D APHA 23 rd Edition, 2017	mg/l	35.0	100.0
3.	Oil & Grease	5520 Oil B/D APHA 23 rd Edition, 2017	mg/l	4.50	10.0
4.	Chemical Oxygen Demand	5200 COD B/C/D APHA 23 rd Edition, 2017	mg/l	70.0	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	5210 BOD B APHA 23 rd Edition, 2017	mg/l	23.0	30.0

Remarks : 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.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul)
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 { 033-25792889
Email : info@envirocheck.org /envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
Overseas : ▪ UAE ▪ Qatar ▪ Netherlands

Annexure – 5



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



FORMAT NO. : ENV/FM/56

TEST REPORT

1.	Name of the Industry	:	Subham Oils & Resins Pvt. Ltd.
2.	Address	:	Vill. - Iswaripur P.O - Surjopur, P.S - Titagarh, District - North 24 Parganas, Pin - 700121
3.	Type of Industry	:	Alkyd & Synthetic Resin Manufacturing Unit
4.	Sampling Plan & Procedure	:	ENV/SOP/01
5.	Deviation from the Sampling Method & Plan	:	No
6.	Type of Sample	:	Noise
7.	Sample ID	:	243/EC/M/N
8.	Report ID	:	243/EC/M/TR(N)/20-21
9.	Date of Study	:	15/03/2021
10.	Reporting Date	:	19/03/2021
11.	Method No.	:	IS: 9989 - 1981
12.	Duration of Noise	:	20 Minutes
13.	Height from Ground Level	:	4 feet
14.	Sample Monitoring by	:	Mr. Anup Singha

RESULT OF NOISE LEVEL STUDY

DAY TIME			
1.	Location of Study	: Near D.G Room	
Time (A.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
11:00 - 11:20	72.6	78.8	75.23
NIGHT TIME			
2.	Location of Study	: Near D.G Room	
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
10:00 - 10:20	62.5	67.4	65.12
DAY TIME			
3.	Location of Study	: Near Store	
Time (A.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
11:30 - 11:50	58.3	62.7	60.10
NIGHT TIME			
4.	Location of Study	: Near Store	
Time (P.M)	Minimum dB(A)	Maximum dB(A)	Leq dB(A)
10:25 - 10:45	48.4	53.5	51.89

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 { 033-25792889
Email : info@envirocheck.org /envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



** Mean of Leq - Equivalent to Sound Energy		
Limit in Leq dB(A)		
Category Area	Day Time dB(A)	Night Time dB(A)
A. Industrial Area	75	70
B. Commercial Area	65	55
C. Residential Area	55	45
D. Silence Zone	50	40
**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
(Central Pollution Control Board, Ministry of Environment & Forests Government of India) & (Department of Environment, Government of West Bengal)		
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS		
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:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 [033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 [033-25792889
Email : info@envirocheck.org /envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
Overseas : ▪ UAE ▪ Qatar ▪ Netherlands

Annexure – 6



Employees' State Insurance Corporation

Contribution History Of 40000460440000906 for Apr2021

Total IP Contribution		Total Employer Contribution	Total Contribution	Total Government Contribution		Total Monthly Wages	
752.00		3,252.00	4,004.00	0.00		100,050.00	
SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
1	-	4020091989	ANINDYA CHATTARAJ	18	8400.00	63.00	-
2	-	4020545822	DAYAL HALDER	0	0.00	0.00	No Work
3	-	4020545823	SUSHIL HALDAR	0	0.00	0.00	No Work
4	-	4020545828	CHATTU GUHA	28	13300.00	100.00	-
5	-	4020546246	ALI AHAMMAD	0	0.00	0.00	No Work
6	-	4020614122	SUBRATA GANGULY	30	17000.00	128.00	-
7	-	4020795912	KESHAB SEN	30	11000.00	83.00	-
8	-	4020798736	PANKAJ KUMAR GUPTA	29	15950.00	120.00	-
9	-	4020831013	CHANDAN GHARA	28	14000.00	105.00	-
10	-	4020845909	RANJAN SWARNAKR	30	13200.00	99.00	-
11	-	4020871682	PRASANTA HALDER	12	7200.00	54.00	-
12	-	4111123070	SANDIP KUMAR DHARA	0	0.00	0.00	Left Service

4:04:10PM

Annexure – 7

F. No. J-11011/551/2010-IA-II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi - 110 003

E-mail: r.sundar@nic.in
Telefax: 011: 2436 6739
Dated: 22nd March, 2013

To,

Shri Sujit Kumar Modi
M/s Subham Oils Resins Private Limited
183, Bngur Avenue, Block B,
Kolkata - 700 055, West Bengal

E-mail: sjitmotdi@yahoo.co.in; pscpl.env@gmail.com

Sub: Alkyd Manufacturing Unit (1,500 TPA) at J.L. No. 15, Plot No. 650/780, 635/781, 636/861, Village Surjpur, Tehsil Barackpore, District North 24 Parganas, West Bengal by M/s Subham Oils Resins Pvt. Ltd. - regarding Environmental Clearance

Sir,

This has reference to your letter no. Nil dated 30.7.2012 along with copies of EIA/EMP and public hearing reports seeking environment clearance under the provisions of EIA Notification, 2006.

2. The Ministry of Environment and Forests has examined the application for the above project. It is noted that M/s Subham Oils Resins Private Limited have proposed for setting up of Alkyd Manufacturing Unit (1,500 TPA/42.5 MTPM) at J. L. No. 15, Plot No. 650/780, 635/781, 636/861, Village Surjpur, Tehsil Barackpore, District North 24 Parganas, West Bengal. The existing unit did not require Environmental Clearance and the Alkyd Resin unit is proposed in the same premises. Plot area is 2,711 m² and green belt will be developed in 895 m². River Hooghly flows at a distance of 5 Km. No National park/ wildlife sanctuary / Reserve Forests are located within 10 Km. Project cost is Rs. 1.65 Crores. Rs. 17.0 Lakhs and Rs. 2.05 Lakhs are earmarked towards capital cost and recurring cost / annum for pollution control measures.

3. Penta Erythritol, Pthalic Anhydride, Dry Oils, Rosin, Glycerine and Malic Anhydride, will be used as raw materials. Power requirement from West Bengal State Electricity Distribution Company Limited will be 22.5 KW. DG set (65 KVA) will be installed.

4. It is noted that Furnace Oil fired thermic fluid heater will be installed and adequate height of stack will be provided for dispersion of pollutants. Stack (3.5 m) above the roof top will be provided to DG set.

5. Total ground water requirement will be 0.4 m³/day. Effluent from process will be treated in Effluent Treatment Plant (ETP). The treated effluent will be stored and reused in the plant for gardening and sprinkler system.

6. It is noted that sludge from ETP will be given to Ramky, Haldia, West Bengal for disposal as per Hazardous waste Management Rules.

7. All the Resin manufacturing plants located outside notified industrial area are listed at S.No. 5(f) under Category 'A' of the Schedule of EIA Notification, 2006 and appraised by the Expert Appraisal Committee (Industry) of MoEF.

8. The proposal was considered by the Reconstituted Expert Appraisal Committee (Industry) in its 3rd meeting held during 3-5th December, 2012. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions. Public Hearing / Public Consultation meeting was conducted by the West Bengal Pollution Control Board on 30.1.2012.

9. Based on the information submitted by you, presentation made by you, your consultant, M/s Pacific Scientific Consultancy Pvt. Ltd., Kolkata, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September 2006 subject to strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS :

- i. Regular monitoring of Volatile Organic Compounds (VOCs) should be carried out.
- ii. Stack of adequate height should be installed to oil fired boiler to disperse waste gases into atmosphere.
- iii. Fugitive emissions in the work zone environment, product, raw materials storage area etc. should be regularly monitored. The emissions should conform to the limits imposed by SPCB.
- iv. Wet scrubber should be provided to control process emissions. Methanol should be recovered from the process area.
- v. Total water requirement should not exceed 0.4 m³/day and prior permission shall be obtained from the concerned Authority.
- vi. As proposed, Industrial effluent shall be treated in ETP. Treated effluent should be reused/recycled within the factory premises. Water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB. As proposed Phenol should be extracted/treated from the effluent before sending to the ETP.
- vii. The company should obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from SPCB should be obtained for disposal of solid / hazardous waste in the TSDF. Measures should be taken for firefighting facilities in case of emergency.
- viii. Solvent management should be as follows :
 - Reactor should be connected to chilled brine condenser system
 - Reactor and solvent handling pump should have mechanical seals to prevent leakages.

- The condensers should be provided with sufficient Heat Transfer Area (HTA) and residence time so as to achieve more than 95% recovery.
 - Solvents should be stored in a separate space specified with all safety measures.
 - Proper earthing should be provided in all the electrical equipments wherever solvent handling is done.
 - Entire plant where solvents are used should be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.
- ix. As proposed, green belt should be developed in at least 33 % of the project area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- x. Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.
- xi. All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 30.1.2012 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.
- xii. The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

B. GENERAL CONDITIONS:

- i. Ambient air quality data should be collected as per NAAQS standards notified by the Ministry on 16th September, 2009.
- ii. The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.
- iii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iv. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.
- v. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vi. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 dBA (daytime) and 70 dBA (nighttime).

- vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- viii. The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- x. Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.
- xi. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
- xii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xiii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB / SPCB shall monitor the stipulated conditions.
- xiv. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.
- xv. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of

Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.

- xvi. Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
10. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
12. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.
13. This issues with the prior approval of the Competent Authority.

(Sundar Ramanathan)
Deputy Director(S)

Copy to:-

1. The Secretary, Department of Environment, Govt. of West Bengal.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
3. The Chairman, West Bengal Pollution Control Board, Paribesh Bhawan, Bldg. No. 10-A, Block- LA, Sector 3, Salt Lake City, Kolkata - 700 091
4. The Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A/3, Chandesekharpur, Bhubaneswar - 751023.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File / Record File/Monitoring file.


(Sundar Ramanathan)
Deputy Director(S)

আনন্দবাজার পত্রিকা ও এবেনা-র কথো অফার: ৫ টাকা

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বিজ্ঞাপনের ড.
অভিজিৎ-৭

আরও শ্রেণিবদ্ধ
বিজ্ঞাপন
২ পাতায়

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অভিজিৎ-৭

The Telegraph

CALCUTTA TUESDAY 16 APRIL 2013 Rs 3.00

ta Sen 9831728385
as Consultant/
per Part/Full time
to needs serious
to expand in Kol
788788

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Homesite**

Space for Cor-
available on rent
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Area approx 700sqft
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sted corporate par-
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through email to
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ttacharya at 159/1,
Road Howrah-
between 1pm-4pm
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788228

guys 24hrs service Kria
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788444

pen friend

High Earn (25000-35000)
through male escort
bold relation with air
hostress model pick &
drop-8017740208/
9874380632
788888

Progress your financial
condition Hi income
Bold relation hi profile
100% privacy & dignity
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Get the fill of cosy
Friendship with high per-
file Male/Female this Hu-
mid Season 9331164048/
9339539049/ 9330797577
788228

notice

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- Suripur, 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>
788241

change of name

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 &
same person. This is by
deed at Sealdah court
South 24 Pargana on 9th
April 2013.
787838

Know all by virtue of an
affidavit sworn on
25.04.2013 before the Ld.
Executive Magistrate at
Rampurhat, my wife will
be known and identified
as Suprava Mandal only
in place of Suproba
Mandal. (Sri Binakar
Mandal).
788841

**Now book Classified ad
in The Telegraph
from home.**

2448 2828
(Kolkata)

2448 3030*
(Outside Kolkata)

*For black areas only

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**TENDER
&
NOTICE**
advertisement
Call:
Arjun
98369 85698

Only 5% Premium for Colour

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among
top 3**
private Universities
of the country
in a study by Financial Express
year 2009

**Ranked
no. 1**
private University
of the country
in a study by DNA
year 2011

Best
Hotel management
institute
of the country
in a study by CSR
year 2012

Best
E-campus
of the country
awarded by
Chairman of AICTE
year 2012

Annexure – 8

NOC NO111016

WEST BENGAL POLLUTION CONTROL BOARD

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

Memo No. **392-2N-14/2011(E)**Dated **12/07/2013**

From :
Member Secretary,
West Bengal Pollution Control Board

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

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

Ref : (i) Your letter No. **N11** Dated **18.04.2013, 03.07.2013**
(ii) **EC issued by MOEF vide F. No. J-11011/551/2010-IA-II (1) & 08.07.2013.**
dttd. 22.03.2013 and Corrigendum dttd. 28.06.2013.

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s **Subham Oils & Resins Pvt. Ltd.**
for manufacturing/storage of **alkyd resins - 1500 TPA.**

at **Plot No. 650/780, 636/781, 636/861, J.L. No. 15, Mouza-Navarand, Vill + P.O.-Surjopur, P.S.-Titagarh, Dist- North 24 Parganas - 700 121.**
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.

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 its consent to discharge of atmospheric emission as per provision of the Air (Prevention & Control Pollution) act,

ORANGE CATEGORY

Renewal Consent to be applied
before 120 days of validity Period

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan' Bldg. No. 10A, Block-LA, Sector-III, Salt Lake City, Kolkata - 700 098
(Orange/Green Category Unit)

CO100188



Memo Number

28/NC/15/WPB/BN/1060/09

Date

28.07.2017

Application no. CO0000000177689

Consent to Operate under Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974,
and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981.The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of
Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the
Air (Prevention and Control of Pollution) Act, 1981 as amended, and Rules and Orders made thereunder hereby
grants its Consent to:

Ms. Subham Oils & Resins Pvt. Ltd.,

(hereinafter referred to as Applicant) for its unit located at Iswaripur, P.O: Surjewar,

P.S: Titagah, Kolkata - 700121.

(Detailed address of the manufacturing unit)

for a period from the date of 31/12/2021 to operate the industrial unit and to discharge liquid
effluent and to emit gaseous effluent from the premises/land of the industrial unit in accordance with the condi-
tions as mentioned below provided on any day at any instance the quantity and quality of liquid discharge and
gaseous emission shall not exceed the permissible limit as specified in this consent letter and as specified in the
Environmental (Protection) Act, 1986.Breach of the conditions and/or failure to comply with the directions as mentioned above shall render the
applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974
and Air (Prevention and Control of Pollution) Act, 1981.The State Board reserves the right to revoke, withdraw or make any reasonable variation/change/alter the
conditions of this consent letter giving one month's notice to the applicant.

Conditions:

01. This Consent is valid for the manufacture of

Sl. No.	Name of major products and by-products	Quantity produced per month	Sl. No.	Name of major products and by-products	Quantity produced per month
01.	Alkyd Resins	100 MT	03		
02.			04.		

02. The Applicant shall observe the following fuel consumption pattern.

Sl. No.	Type of fuel	Quantity per day	Sl. No.	Type of fuel	Quantity per day	Sl. No.	Type of fuel	Quantity per day
01	HSD	20 ltrs/hr	02			03		

03. The Applicant falls in the category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and shall comply with the provisions of said Act, and Rules and regularly submit to the Board the Returns of Water consumption in the prescribed form and pay the Cess as specified under Section 5 of the said Act.

04. Daily water consumption for the following purposes should not exceed.

Industrial cooking, spraying in mine pits and boiler feed water (water used for gardening should be included in this category of use)	Domestic purpose	Processing whereby water gets polluted and the pollutants are easily biodegradable	Processing whereby water gets polluted and the pollutants are not easily biodegradable
0.05 KL	0.3 KL		

05. Daily discharge of effluent shall not exceed

	Industrial liquid effluent	Domestic liquid effluent	Mixed (industrial & domestic) liquid effluent
No. of outfalls	01	01	
Quantity	0.04 KL	0.25 KL	Nil KL
Place of discharge	Through ETP	Septic tank	

06. The Applicant shall provide drainage system for conveying industrial & domestic liquid waste & separate drainage system for storm-water and shall provide comprehensive treatment facility for Industrial and domestic liquid waste (sewage, sullage & liquid effluent generated from canteen) and operate and maintain the same to conform to the Standard for final effluent as given below.

Outlet No.	Nature of effluent	Parameters and standard (in mg/l. max)							Frequency of effluent sampling
		pH	BOD	COD	TSS	O & G	Phenolic Compounds C ₆ H ₅ OH		
1&2	Domestic & Industries	5.5 to 9.0	30	250	100	10	1		Yearly

MONITORING PICTURE



