

HALF-YEARLY EC COMPLIANCE REPORT (IN RESPECT OF THE STIPULATED T&C) OF ENVIRONMENTAL CLEARANCE

(E.C. LETTER NO J-11011/481/2011-IA. II (I) dt. 25/06/2015.)

(For the Period of: October 2020 to March 2021)

FOR

M/s. Sandhya Organic Chemicals PVT.LTD.

Location At:

**Plot No. 808 A/2, 3rd Phase,
GIDC Estate, Vapi-396 195, Dist- Valsad (Gujarat).**

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

(E.C. LETTER NO J-11011/481/2011-IA. II (I) dt. 25/06/2015.)

The compliance of Specific conditions & general conditions of Environmental Clearance are as follows:

List of Finished Products:

Sr. No.	Name of Products	Existing Production (MTPM)	Expansion Production (MTPM)	Total Production after expansion (MTPN)
1.	Aluminum Phosphide	25	75	100
2.	Zinc Phosphide	25	75	100
Name of by-products:				
1.	Phosphoric Acid Un-reacted P_2O_3	25	75	100

Sr. No.	Condition	Compliance status
A.	SPECIFIC CONDITIONS:	
1.	National Emission Standards for Pesticide Manufacturing and Formulation Industry issued by the Ministry vide G.S.R. 46(E) dated 3rd February, 2006 and amended time to time shall be followed by the unit.	<p>We regularly monitor the process gas emission and flue gas emission as per the National Emission Standards for pesticide Manufacturing and Formulation Industry issued by the Ministry vide G.S.R. 446(E) dated 13.06.2011. amended time to time.</p> <p>We manufacture in-organic pesticide (Rodenticides, Fumigant) i.e., Aluminum Phosphide and Zinc Phosphide.</p> <p>During the manufacturing of our product P_2O_5 vapor is generated and this vapor is scrubbed in the water scrubber and diluted Phosphoric Acid is recovered.</p> <p>We regularly monitor process emission from vent of P_2O_5 after scrubbing and we have submitted this data of P_2O_5 emission from process vent.</p> <p>The process gas emission and flue gas emission stack monitoring test reports (for the period of Oct'20 to March'21) are enclosed as Annexure-I.</p> <p>The results of process gas emission and flue gas emission stack monitoring is provided in the Table no.1 mention below:</p>

Table No.1: Stack Monitoring Data

Stack Monitoring Data (Period: October -2020 to March -2021)						
Month & Year	Date	Stack Attached to	Sampling Parameter with Results			
			PM mg/m ³	SO ₂ ppm	NO ₂ ppm	P ₂ O ₅ mg/Nm ³
October-20	06/10/20	D.G. set (250 KVA)	45	19	15	-
		Baby Boiler(300Kg/hr)	18	N.D.	13	-
		ALP/Zinc Reactor	-	-	-	6.3
		Blender	21	-	-	-
		Tablet Machine	28	-	-	-
January-21	30/01/21	D.G. set (250 KVA)	37	22	14	-
		Baby Boiler(300Kg/hr)	21	N.D.	14	-
		ALP/Zinc Reactor	-	-	-	6.9
		Blender	17	-	-	-
		Tablet Machine	22	-	-	-
Specific Value			<150	<100	<50	10*
Note: Process gas and flue gas emission monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi, NABL Certificate No. TC-7753, NABL Valid Until: 22.09.2022. *National Emission Standards for pesticide Manufacturing and Formulation Industry issued by the Ministry vide G.S.R. 446(E) dated 13.06.2011.						

2.	Adequate stack height shall be provided to oil/gas fired boiler/thermopack.	<p>We have provided adequate stack height @ 11 m from the ground level for effective dispersion of flue gaseous during boiler operations.</p> <p>STACK HEIGHT FOR NG BASED BOILER:</p> <ul style="list-style-type: none"> Stack height (H) required as per GSR 176(E) <ul style="list-style-type: none"> As per formula $H=14Q^{0.3}$ in m $= 14 \times (0.0023)^{0.3}$ $= 4.51 \text{ m}$ <p>Where; Total SO₂ produced (Q)= 0.0023 kg/hr. [Fuel Consumption Rate= 16666.66 kg/hr. Sulphur Content = 0.0000072%]</p> <ul style="list-style-type: none"> Min. stack height required: 11 m <ul style="list-style-type: none"> Stack height required as per CTE: 11 m Stack height provided: 11 Meter Hence the stack heights attached to Boiler is adequate. The Flue gas emission Monitoring test reports are enclosed As Annex. -I. <p>The Stack monitoring photograph is provided as fig. No. 1, 2, 3 and 4.</p>
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Fig.No.1: Boiler Chimney Photograph



Fig.No.2: ALP/Zinc Reactor Sampling Point Photograph



Fig.No.3: Blender Sampling Point Photograph



Fig.No.4: Tablet Machine Sampling Point Photograph



3. Water scrubber (demister and venturi) shall be provided to the reactors to control process emissions viz. P_2O_5 . Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.

Unit has installed the Water scrubber (demister and venture) to the reactors to control process emissions viz. P_2O_5 .
We regularly monitored the efficiency of scrubber to achieve the prescribed standard. Stack monitoring test report of process emission are enclosed as **Annexure-I**.
The Summary of last six-month flue gas emission monitoring results is provided as Tale No.2.
The scrubber photograph is provided as fig. No. 5, 6, 7 and 8.





	<p>Fig.No.5: Scrubber Photograph</p> 	<p>Fig.No.6: Scrubber Photograph</p> 
	<p>Fig.No.7: Scrubber Photograph</p> 	<p>Fig.No.8: Scrubber Photograph</p> 
	<p>Efficiency of scrubber shall be monitored regularly and maintained properly. Scrubbers vent shall be provided with on-line detection and alarm system to indicate higher than permissible value of controlled parameters.</p>	<p>We have provided Auto locking system i.e., if pH will go to 5 then Hooter will be ring and if pH will indicate below 5 then mixing machine will stop.</p> <p>The interlocking system photographs are provided as a fig.no.9 and 10.</p>
	<p>At no time, the emission levels shall go beyond the prescribed standards. The system should be interlocked with the pollution control equipment's so that in case of any increase in pollutants beyond permissible limits, plant should be automatically stopped.</p>	<p>Monitoring of stack emission and air quality has been done on regular basis and they are well within the prescribed limits. We have provided interlocked system to pollution control equipment's so that in case of any increase in pollutants beyond permissible limits, plant should be automatically stopped.</p>

Table No.2: Stack Monitoring Data

Stack Monitoring Data (Period: October -2020 to March -2021)						
Month & Year	Date	Stack Sampling Attached to	Parameter with Results			
			PM mg/m ³	SO ₂ ppm	NO ₂ ppm	P ₂ O ₅ mg/Nm ³
October-20	06/10/20	D.G. set (250 KVA)	45	19	15	-
		Baby Boiler(300Kg/hr)	18	N.D.	13	-
		ALP/Zinc Reactor	-	-	-	6.3
		Blender	21	-	-	-
		Tablet Machine	28	-	-	-
January-21	30/01/21	D.G. set (250 KVA)	37	22	14	-
		Baby Boiler(300Kg/hr)	21	N.D.	14	-
		ALP/Zinc Reactor	-	-	-	6.9
		Blender	17	-	-	-

	Tablet Machine	22	-	-	-
Specific Value		<150	<100	<50	10*
Note: Process gas and flue gas emission monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi, NABL Certificate No. TC-7753, NABL Valid Until: 22.09.2022. *National Emission Standards for pesticide Manufacturing and Formulation Industry issued by the Ministry vide G.S.R. 446(E) dated 13.06.2011.					




	<p><u>Fig.No.9: interlocked system photographs</u></p> 	<p><u>Fig.No.10: interlocked system photographs</u></p> 
4.	<p>In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided.</p> <p>Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system.</p>	<p>We have installed the closed system for handling & transfer of Chemicals/materials. Further, we are taking care of all possible fugitive emissions from the vulnerable sources in plant. We have installed scrubbing system to control these fugitive emissions. We have hand detection system.</p> <p>The quarterly work place monitoring test report (Oct - 2020 to March - 2021) are enclosed as Annexure-I.</p> <p>We have provided water sprinkling system to control dust at loading and unloading areas. The water sprinkling system photographs are provided as a fig.no.12, 13, 14 and 15.</p> <p>The results of work place monitoring is provided in the Table no.3 mention below:</p> <p>The hand detection photograph is provided as fig.no.11.</p> <p><u>Fig.No.11: Hand Detection</u></p> 
	<p>Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions.</p>	<p>We have provided water sprinkling system to control dust emission at loading and unloading areas.</p> <p>The water sprinkling system photographs are provided as a fig. No. 12, 13, 14 and 15.</p>

Fig.No.12: Water sprinkling system



Fig.No.13: Water sprinkling system



Fig.No.14: Water sprinkling system



Fig.No.15: Water sprinkling system





Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records maintained. The emissions shall conform to the limits stipulated by the GPCB.

We are regularly monitoring, fugitive emissions in the work zone environment; product, raw materials storage area etc. and the records are maintained. The quarterly work place monitoring test report (Oct - 2020 to March - 2021) are enclosed as **Annexure-I**. The emissions are well within the stipulated limits prescribed by the GPCB. The results of work place monitoring is provided in the Table no.3 mention below:

Table No.3: Work Place Air Quality Monitoring Data

Work Place Air Quality Monitoring Data (Period: October - 2020 to March - 2021)			
Month & Year	Date	Location of sampling/Monitoring	Parameter with Results
			Total Dust
October-20	03/10/2020	Blending Area	2.7
		Pot Fire Area	1.9
		Tableting Area	1.5
January-21	03/01/2021	Blending Area	2.0
		Pot Fire Area	3.1
		Tableting Area	2.6

Work Place monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi, NABL Certificate No. TC-7753, NABL Valid Until: 22.09.2022.

5.	A proper Leak Detection and Repair (LDAR) Program for pesticide industry shall be prepared and implemented as per CPCB guidelines.	<p>We have leak Detection system and Repair (LDAR) Program for pesticide industry is prepared and implemented as per CPCB guidelines.</p> <p>The LDAR program is provided as fig. no.16.</p> <p><u>Fig.No.16: LDAR Program</u></p> 
	Focus shall be given for prevention of fugitive emissions for which preventive maintenance of pumps, valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given.	<p>Focus is given for prevention of fugitive emissions for which preventive maintenance of pumps, valves, pipelines are done.</p> <p>The pump photograph is provided as fig.no.17.</p> <p><u>Fig.No.17: Pump Photographs</u></p> 
	A preventive maintenance schedule for each unit shall be prepared and adhered to.	A preventive maintenance schedule for each unit is prepared and adhered to.
6.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	<p>We have provided Stack height of 11m attached to D.G. Set for dispersion of gaseous emissions. Stack height calculation is as under:</p> $H=h+0.2\sqrt{KVA}$ <p>Where h = height of the building level in meters where the generator set is installed = 6 m, KVA= 125 Calculation: $H = 6 + 0.2 \sqrt{125} = 8.23 \text{ m}$ Provided stack height is 11 meters which is more than adequate.</p> <p>Acoustic enclosure is provided to abet noise pollution during operation of D.G. Set.</p> <p>The Noise Monitoring test report is enclosed as Annexure-I.</p> <p>The Summary of last six-month flue gas emission monitoring results is provided as Tale No.2.</p> <p>The Noise monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi,</p> <p>The D.G. Set chimney photograph is provided as fig.no.18.</p>


		<p><u>Fig.No.18: D.G. Set Chimney Photographs</u></p> 
7.	<p>The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically.</p>	<p>We are regularly submitting the status of compliance of the stipulated environmental clearance conditions to the monitoring agencies.</p> <p>The same is also posted in our website. The web link is as under: http://sandhyagroup.com/env-compliance/</p>
	<p>It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the GPCB.</p>	<p>We are regularly submitting Comprehensive EC compliance report for the period of April to September and October to March to the Ministry's regional office at Bhopal well within the stipulated date. The same is also posted in ministry portal.</p> <p>The Six-Monthly EC Compliance Submission dates for the last three year are as under:</p> <ol style="list-style-type: none"> 1. Period of April'17 to Sept'17, Date: 29.11.2017. 2. Period of October'17 to March'18. Date: 25.05.2018. 3. Period of April'18 to Sept'18, Date: 26.12.2018. 4. Period of October'18 to March'19. Date: 22.05.2019. 5. Period of April'19 to Septe'19. Date: 21.11.2019. 6. Period of October'19 to March'20. Date: 19.06.2020. 7. Period of April'20 to Septe'20. Date: 09.01.2020 <p>The Six-Monthly EC Compliance Submission Acknowledge copies are provided as fig.no.19, 20, 21, 22, 23 and 24.</p>

Fig.No.19:EC Compliance Submission Ack. copy

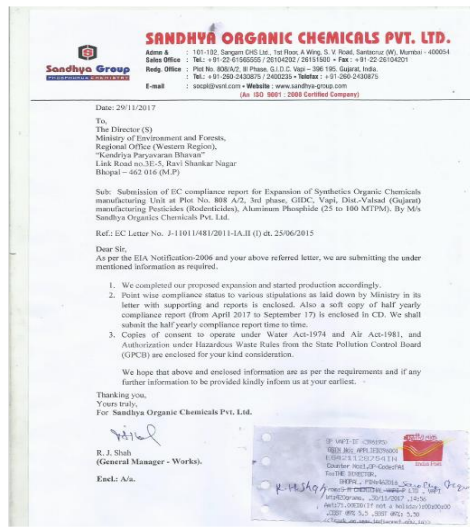


Fig.No.20:EC Compliance Submission Ack. copy

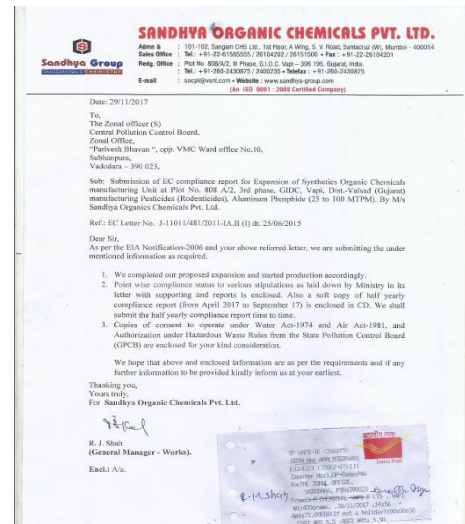


Fig.No.21:EC Compliance Submission Ack. copy

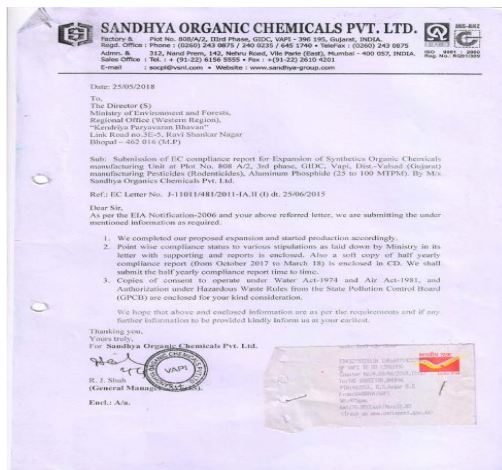


Fig.No.22:EC Compliance Submission Ack. copy



Fig.No.23:EC Compliance Submission Ack. copy

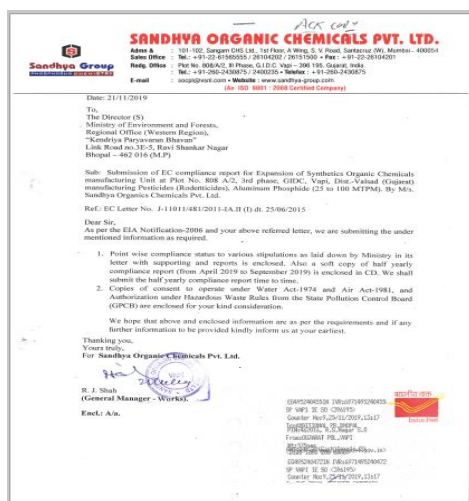
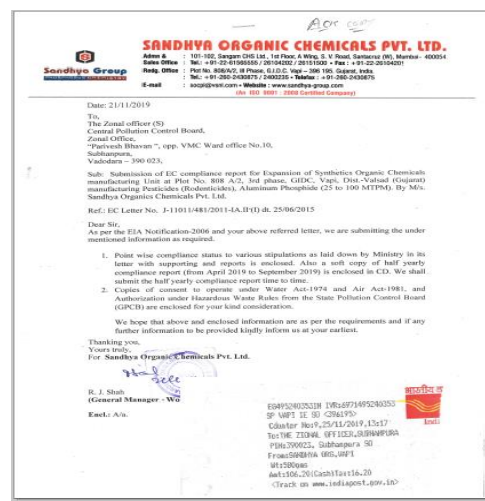


Fig.No.24:EC Compliance Submission Ack. copy



	<p>The levels of PM₁₀, PM_{2.5}, SO₂, NO_x, CO and VOC in ambient air and emissions from the stacks shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.</p>	<p>The level of PM₁₀, SO_x, NO_x, CO and VOCs in ambient air are monitored and displayed at location near the main gate of the company. The main gate displayboard photograph is provided as fig.no.25.</p> <p align="center"><u>Fig.No.25: Main Gate Display Board</u></p>
8.	<p>Solvent management shall be carried out as follows:</p> <ul style="list-style-type: none"> i. Chilled brine circulation system shall be provided to condensate solvent vapors and reduce solvent losses. It shall be ensured that solvent recovery should not be less than 95%. ii. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. iv. Solvents shall be stored in a separate space specified with all safety measures. v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. vi. Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses. 	<p>There is no any kind of Solvent to be used in manufacturing process of phosphide products; Hence this condition is not applicable.</p>
9.	<p>Total fresh water requirement from GIDC water supply shall not exceed 20 m³/day.</p>	<p>Our total fresh requirement is met from GIDC water supply, Vapi, which is not exceeding 20 m³/day.</p> <p>There was some new as well as repairing of construction work therefore consumption of water appears as deviation.</p> <p>The water permission letter and last six-month water consumption is provided as fig.no.26 and 27.</p> <p>The water balance diagram is provided as fig.no.28.</p> <p>The last six-month water supply bill is provided as fig. No. 29, 30, 31, 32, 33, 34 and 35.</p>

Fig.No.26: Water permission Letter

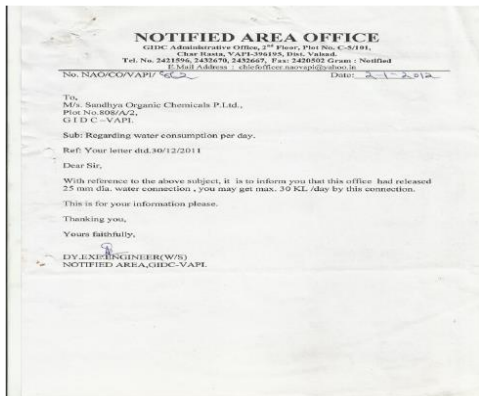


Fig.No.27: Last Six-month Water consumption data

Sr.No.	Month/Year	Water Consumption KL/Day		Monthly Consumption KL
		Maximum	Minimum	
1.	October-2020	27	14	605
2.	November-2020	29	11	811
3.	December-2020	30	4	670
4.	January-2021	28	1	680
5.	February-2021	24	3	534
6.	March-2021	27	1	519

Fig.No.28: Water Balance Diagram

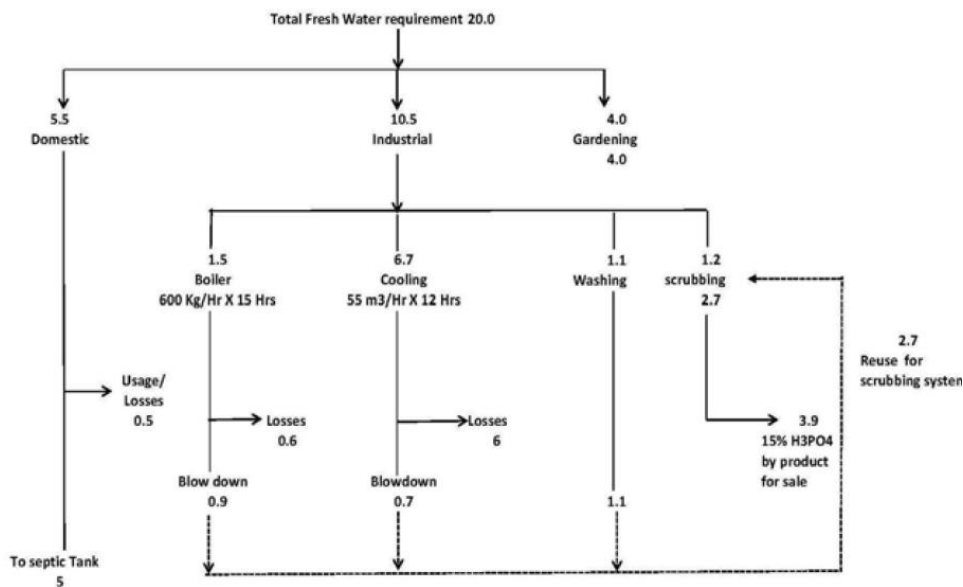


Fig.No.29, No.30: Water Supply Bill - Oct-20

[illegible]

Fig.No.31: Water Supply Bill - Nov-20

[illegible]

Fig.No.32: Water Supply Bill - Dec-20

Water Supply bill can be paid at Notified Area Office at address below
 ગળી ભાવનાલ ધીરેશી ગુણેશી ધીરેશી સરનામી ઉપર ભિના દાઉદે ભાવનાલ ધીરેશી ઉપર સહી નામ
 આ કાઉન્ટર ઓફિસ ઓફ ડીપાર્ટમેન્ટ ઓફ વોટર સપ્લાય ડીવિઝન ઓફ ગાંધી નગર સરનામી

Timing: 10:30 AM to 5:30 PM (Govt. Working Days)
 (CASH PAYMENT ONLY UP TO RS.1000 WILL BE ACCEPTED UP TO 3:30 PM)
 Address:
 Ground Floor, GIDC Administrative Building, Plot No. C5/101, Near Telephone Exchange, Char Rasta, GIDC Vapi.

Fig.No.33: Water Supply Bill- Jan-21

Water Supply bill can be paid at Notified Area Office at address below
 ગળી ભાવનાલ ધીરેશી ગુણેશી ધીરેશી સરનામી ઉપર ભિના દાઉદે ભાવનાલ ધીરેશી ઉપર સહી નામ
 આ કાઉન્ટર ઓફિસ ઓફ ડીપાર્ટમેન્ટ ઓફ વોટર સપ્લાય ડીવિઝન ઓફ ગાંધી નગર સરનામી

Timing: 10:30 AM to 5:30 PM (Govt. Working Days)
 (CASH PAYMENT ONLY UP TO RS.1000 WILL BE ACCEPTED UP TO 3:30 PM)
 Address:
 Ground Floor, GIDC Administrative Building, Plot No. C5/101, Near Telephone Exchange, Char Rasta, GIDC Vapi.

Fig.No.34: Water Supply Bill - Feb-21

Water Supply bill can be paid at Notified Area Office at address below
 ગળી ભાવનાલ ધીરેશી ગુણેશી ધીરેશી સરનામી ઉપર ભિના દાઉદે ભાવનાલ ધીરેશી ઉપર સહી નામ
 આ કાઉન્ટર ઓફિસ ઓફ ડીપાર્ટમેન્ટ ઓફ વોટર સપ્લાય ડીવિઝન ઓફ ગાંધી નગર સરનામી

Timing: 10:30 AM to 5:30 PM (Govt. Working Days)
 (CASH PAYMENT ONLY UP TO RS.1000 WILL BE ACCEPTED UP TO 3:30 PM)
 Address:
 Ground Floor, GIDC Administrative Building, Plot No. C5/101, Near Telephone Exchange, Char Rasta, GIDC Vapi.

Fig.No.35: Water Supply Bill - March-21

Water Supply bill can be paid at Notified Area Office at address below
 ગળી ભાવનાલ ધીરેશી ગુણેશી ધીરેશી સરનામી ઉપર ભિના દાઉદે ભાવનાલ ધીરેશી ઉપર સહી નામ
 આ કાઉન્ટર ઓફિસ ઓફ ડીપાર્ટમેન્ટ ઓફ વોટર સપ્લાય ડીવિઝન ઓફ ગાંધી નગર સરનામી

Timing: 10:30 AM to 5:30 PM (Govt. Working Days)
 (CASH PAYMENT ONLY UP TO RS.1000 WILL BE ACCEPTED UP TO 3:30 PM)
 Address:
 Ground Floor, GIDC Administrative Building, Plot No. C5/101, Near Telephone Exchange, Char Rasta, GIDC Vapi.

10. As proposed, industrial effluent generation shall not exceed 2.7 m³/day. Industrial effluent will be used scrubbing media. Phosphoric acid will be generated as by-product.

Domestic effluent shall be treated in the STP. Treated effluent shall be reused for gardening / horticulture purpose.

No wastewater is generated from industrial process; Water from washing is reused for scrubbing system. Total washing and scrubbing water is used to scrub phosphorous pent oxide to recover Phosphoric Acid as by product.

Domestic waste water generated is disposed off through septic tank into soak pit.

11. No effluent shall be discharged outside the plant premises and 'Zero' effluent discharge concept shall be followed.

There is no generation of industrial effluent from our industrial activities. We are a ZLD (zero effluent discharge) unit.

12. Online Monitoring (24x7) system to be installed within treatment plant and data to be uploaded on the company's website.

There is no wastewater is generated from industrial process hence there is no treatment plant. Hence this condition is Not Applicable.

13. Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.

There is no generation of industrial effluent from our industrial activities. We are a ZLD (zero effluent discharge) unit; Hence this condition is Not Applicable.

14. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.

Hazardous chemicals have been stored in tanks in tank farms. Flame arresters have been provided on tank farm. The tank dyke wall photograph is provided as fig.no.35. There is no solvent, hence this condition is Not Applicable.


		<p>Fig.No.35: Tank Dyke wall photograph</p> 
15.	<p>The company shall 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 GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.</p>	<p>We obtained the Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2016 and amended as on date for management of Hazardous wastes.</p> <p>The copy of consolidated consent and authorization is enclosed as Annexure-II (CC&A from GPCB).</p> <ul style="list-style-type: none"> • CC&A Order No: AWH-102165, • Date of issue: 10.06.2019. • Valid up to: 31.03.2024.
16.	<p>The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended in October, 1994 and January, 2000. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.</p>	<p>We strictly follow the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended in October, 1994 and January, 2000. The Transportation of Hazardous Chemicals is as per the Motor Vehicle Act (MVA), 1989.</p> <ul style="list-style-type: none"> • Shall not smoke while on duty. • We maintain the vehicle in a clean and sanitary condition during its use in a public place. • No person drives a transport vehicle unless an authorization in the driving license granted by the licensing authority. <p>We have provided Class labels. - In respect of the dangerous or hazardous goods specified in.</p>
17.	<p>The unit shall make the arrangement for protection of possible fire hazards during Manufacturing process in material handling. Fire fighting system shall be as per the norms.</p>	<p>We have provided the fire-fighting facility for protection of possible fire hazards during Manufacturing process in material handling. The list of Fire Extinguisher and Fire Extinguisher Photographs are provided as fig. No. 36, 37, 38, 39, 40 and 41.</p>

Fig.No.36: List of Fire Extinguisher

SANDHYA ORGANIC CHEMICALS PVT.LTD. 30.09.2019					
List of Fire Extinguisher					
(Format No: F/HRD/07 - Rev No: 00 - Issue Date: 01/01/18)					
Sr. No.	Type	Capacity	Refill Date	Expiry date	Location
1	DCP	5 KG	29/12/2018	28/12/2019	Office
2	DCP	5 KG	03/09/2019	02/09/2020	Raw Material Goddown
3	DCP	5 KG	03/09/2019	02/09/2020	Finished Goods Goddown
4	DCP	10 KG	03/09/2019	02/09/2020	Tablet Dept Entry Point
5	DCP	5 KG	03/09/2019	02/09/2020	Tablet Dept (Tablet M/C Area)
6	DCP	5 KG	03/09/2019	02/09/2020	Urea Dryer
7	DCP	5 KG	29/12/2018	28/12/2019	Recr Blender
8	DCP	10 KG	03/09/2019	02/09/2020	Zinc Dept (Gr. Floor)
9	CO2	5.5 KG	03/09/2019	02/09/2020	Electric Panel Board Room
10	ABC	5 KG	03/09/2019	02/09/2020	G.S.P.C. Gas Station
11	ABC	5 KG	28/09/2019	27/09/2020	Ground Floor Office
12	ABC	5 KG	28/09/2019	27/09/2020	First Floor-GA Lab

Fig.No.37: Fire Extinguisher Photographs



Fig.No.38: Fire Extinguisher Photographs



Fig.No.39: Fire Extinguisher Photographs



Fig.No.40: Fire Bucket Photographs



Fig.No.41: Fire Bucket Photographs



18. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

Occupational health surveillance of the workers is done on a regular basis and the records (of medical examination report) are maintained as per the Factories Act. The total 49 employee people in our unit.
We have separate occupational health to carry out the different activities of occupational health services.
We have appointed qualified medical officer Dr. Vipul Prajapati.
The annual medical checkup details of employees are enclosed as **Annexure - II**.

The Full time Dr. appointment letter and annual medical checkup details of employees are provided as fig. No. 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52 and 53.

Fig.No.42: Full time Dr. Appointment Letter

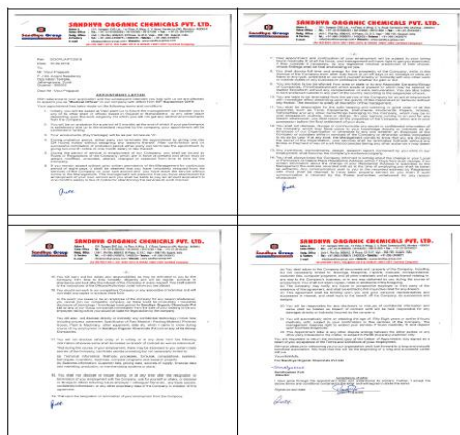


Fig.No.43: Occupational Health Center Photographs



Fig.No.44: Occupational Health Center Photographs



Fig.No.45: Occupational Health Center Photographs



Fig.No.46: Appointment of Doctor- Pre/Post Checkup

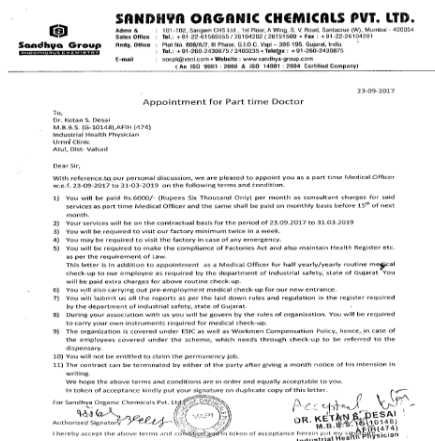


Fig.No.47: Employee medical Checkup report

Occufitt		Dr. Ketan S. Desai Consulting Industrial Physician	
MEDICAL CHECKUP REPORT			
Name of Industry	SANDHYA ORGANIC CHEMICALS PVT. LTD.	Dr. No.	3 DE 31-Dec-2020
Name	DINESH RAMSHEKHAR BARI	Emp. Code	3
Department	Production	Age	40 yrs Sex: Male
Present Complaints : Nil			
Personal History : Nothing particular			
Family History : Nothing particular			
Habits : Nil			
Allergy : Not known			
Occupational exposure : Fumes, manual handling			
Height	163 cms	Chest	80/80 cms
Weight	58.4 Kgs	Waist	81 cms BMI: 21.98 (Normal-19 to 25)
Lymph nodes	Not palpable	Hip	91 cms Waist/hip: 0.89 (N. upto 0.85)
Others	Good	Varicose veins	Absent
Vision	R L	Colour vision	Normal
Hear	Rlg Nlg	Glasses	Yes
Cardio-vascular system:		B.P.	110/80 mm of Hg. Heart sounds: Normal
Pulse	72 per min.	Others	Nil
Respiratory system:			
Respiratory sounds	Normal	Others	Nil
Alimentary system:			
Liver	Not palpable	Spleen	Not palpable
Tenderness	Absent	Hernia	Absent
Central nervous system:			
Reflexes	Normal	Jerks	Normal
Coordination to time / Place / Person / Contradict sign	NAD	Others	Nil
Musculo-skeletal system:			
Physical deformity	Nil	Tenderness	Absent
Ear-nose-throat : NAD			
Genito-urinary system : NAD			
Skin : Normal			
Other Findings :			

Fig.No.48: Employee medical Checkup report

AccuTitt
THE ACCREDITED

Dr. Ketan S. Desai
 M.B.B.S., FRCR
 Consulting Industrial Pathologist

MEDICAL CHECKUP REPORT

Name of Industry : **1. BANIKYA ORGANIC CHEMICALS PVT. LTD.** Sr. No. : **31-DEC-2020**
 Name : **(LONESH RAMSHEKHAR BAPU)** Emp. Code : **3**
 Department : **Production** Age : **49** yrs Sex : **Male**

LABORATORY INVESTIGATIONS

Hæmatology	Patien't's value	Reference Range
Total R.B.C. Count :	4.16 mil/cmm	4.5-5.5 mil/cmm (M)
Hæmoglobin :	14.2 gr% 15.5 mm	13-16gr% (M) 12-14gr% (F)
Total W.B.C. Count :	6500	5000-10000/cmm

Differential count		
Neutrophils :	47 %	55 - 70 %
Eosinophile :	05 %	0 - 4 %
Lymphocytes :	49 %	20 - 40 %
Monocytes :	02 %	2 - 6 %
Basophils :	00 %	0 - 1 %

ESR : mm

Platelets : 306000 /cmm

Blood Group : O Positive

Urine Examination

Physical examination

Colour : **Pale yellow**
 Appearance : **Clear**
 Sediments : **Absent**

Quantity received : **10 mL**
 Specific gravity : **Q.N.S.**

Chemical Examination

Albumin : **Absent**
 Ketone bodies : **Absent**

Reaction : **Acidic**
 Bile salts : **Absent**
 Bile pigments : **Absent**
 Urobilinogen : **Normal**

Micoscopic Examination

Erythroial cells : **0-1/H. P. F.**
 Pus cells : **1-2/H. P. F.**
 Red blood cells : **0-1/H. P. F.**
 Parasites : **Absent**

Casts : **Absent**
 Crystals : **Absent**
 Amorphous deposits : **Absent**

Other Test :

Blood sugar (F): 95 mg%
 S. Cholesterol: 130 mg%
 S. Cholesteraese: 8250 IU/L

FOR COPY
15% A. Sample Fee
 First Fee, Sub. Sample Fee, Postage

Page 2 of 3


Fig.No.49: Employee medical Checkup report

		M.D.B.S. AJFZH Consulting Industrial Hygiene	
MEDICAL CHECKUP REPORT			
Name of Industry	SANDHYA ORGANIC CHEMICALS PVT. LTD		Sr No. : 3 DE 31-Dec-2020
Name	DINESH RAMESH-VAI BARI		Emp. Code : 3
Department	Production		Age : 49 yrs Sex : Male
X-Ray :	Not done		
Audiometry :	Not done		
Pulmonary Function Test :	Normal spirometry		
ECG :	Not done		
Observations :	Nil		
Occupational NI Disease :			
Employee is free from any contagious disease and is fit to work in plant / office.			
Advice :	Nil		
DR. KETAN S. DESAI <i>M.B.B.S., A.F.I.H.</i>			

Fig.No.50: Employee medical Checkup report

[illegible]

Fig.No.51: medical Checkup report



Occupatix
The Occupational Health Experts

Dr. Ketan S. Desai
M.B.B.S., AFM
Consulting Industrial Physician

MEDICAL CHECKUP REPORT

Name of Industry :	BANDHYA ORGANIC CHEMICALS PVT. LTD	Sr. No. :	19 DK
Name :	REKHAVYAN PATEL	Emp. Code :	19
Department :	Quality Control	Age :	20 yrs
		Sex :	Male

Present Complaints : Nil

Personal History : Nothing particular

Family History : Nothing particular

habits : Nil

Allergy : Not known

Occupational exposure : Lab chemicals/Pesticide

Height : 150 cm.	Chest : 80.00 cm.	Weight : 54.00 BMI: 22.10	(Normal-19 to 25)
Weight : 55.1 Kg.	Cap. : (Normal/ enlarged)	Hb. : 84 cm. WBCs : 9.92 (N. upto 9.50)	
Rh factor : Normal	Not palpable	Vertecose vers. : Absent	
Oral Pigeon :	Good		

Vision : R	Colour vision :	Normal	Glaucoma :	No
Near :	N6			
Far :	N6			

Cardio-vascular system :

Pulses : 72 per min. B.P. : 120/80 mm of Hg Heart sounds : Normal

Others : Nil

Respiratory system :

Respiratory sounds : Normal Others : Nil

Alimentary system :

Liver : Not palpable Spleen : Not palpable Tenderness : Absent

Reflexes : Normal Normal : Absent

Central nervous system :

Reflexes : Normal Jerks : Normal Others : Nil

Orecloration to time / Place / Person / Conditinary sign : NAD

Musculo-skeletal system :

Physical deformity : Nil Tenderness : Absent

Ear-nose-throat : NAD


Gonitic-urinary system : NAD Hydrocele : Absent

Sex : Normal

Other Findings :

Page 1 of 1

Fig.No.52: Employee medical Checkup report

		Dr. Ketan S. Desai M.B.B.S: AFM Consulting Industrial Physician	
MEDICAL CHECKUP REPORT			
Name of Industry	SANDHYA ORGANIC CHEMICALS PVT. LTD.	Sr.No.	19 DE 31-Dec-2020
Name	SHARADH PATEL	Emg. Code	19
Department	Quality Control	Age	25 yrs Sex: Male
LABORATORY INVESTIGATIONS			
		Reference Range	
Haematology	Patient's value	Reference Range	
Total R.B.C. Count :	5.95 m/c/mm	4-5.5 m/c/mm	
Haemoglobin :	20.1 gm%	12-16gm% (M) 12-14gm% (F)	
Total W.B.C. Count :	7400 /c/mm	5000-10000/c/mm	
Differential count			
Neutrophils :	54 %	55 - 70 %	
Eosinophils :	08 %	0 - 4 %	
Lymphocytes :	38 %	20 - 40 %	
Monocytes :	01 %	2 - 8 %	
Basophils :	00 %	0 - 1 %	
ESR :	mm		
Platelets :	257000 /cmm	Blood Group : A Positive	
Urine Examination			
Physical examination			
Colour :	Pale yellow	Quantity received :	10 ml
Appearance :	Clear	Specific gravity :	Q.N.S.
Sediments :	Absent		
Chemical Examination			
Albumin :	Absent	Reaction :	Acidic
Sugar :	Absent	Bile salts :	Absent
Ketone bodies :	Absent	St pigments :	Absent
		Urobilinogen :	Normal
Microscopic Examination			
Epithelial cells :	0-1 H. P. F.	Casts :	Absent
Pus cells :	0-1 H. P. F.	Crystals :	Absent
Red blood cells :	Absent	Amerous deposits :	Absent
Parasites :	Absent		
Other Test :	Blood sugar (R): 95 mg% S.Cholesterolat 125 mg% S.Cholesterolase: 5510 IU/L		

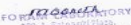

FOR TESTS
 101 A, Gandhi Road,
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 Page 2 of 3

Fig.No.53: Employee medical Checkup report

Occufitt
We Care For You

Dr. Ketan S. Desai
M.B.B.S., A.F.M.
Consulting Industrial Physician

MEDICAL CHECKUP REPORT

Name of Industry :	BANDHYA ORGANIC CHEMICALS PVT. LTD	Sr. No. :	19	DT. :	31-Dec-2020
Name :	BHAVESH PATEL	Emp. Code :	15		
Department :	Quality Control	Age :	25	Sex :	Male

X-Ray : Not done

Audiometry : Not done

Pulmonary Function Test : Normal spirometry

ECG : Not done
 84

Observations : Nil

Occupational History (Disease) :

Employee is free from any contagious disease and is fit to work in plant / office.

Advice : Nil

DR. KETAN S. DESAI
M.B.B.S., A.F.M.





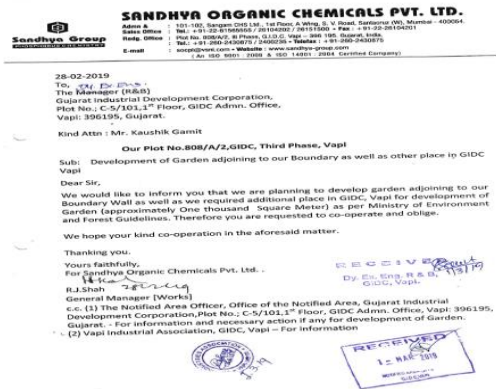
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URAM CLINIC, POOREY PASH ROAD, OPP. ATUL FIRST GATE, ATUL-996 520 MOBILE : 9829475553 Email: uram@uram.in

- | | |
|-----|---|
| 19. | As proposed, green belt over 1785 m2 area shall be developed within plant premises with at least 10-meter-wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO. |
|-----|---|

The Unit has developed Green belt within the premises is around 432 m2. And additional green belt will be developed in common space of outside company premises approximately 1785 m2 (around 33 % area of total land) out of total land of 5336 sq. m.

MoEF officer during the visit on dated 19 October 2019 he suggests for kept Flower Pot both the side on Road.

		<p>The green belt photographs and green belt layout is provided as fig. no. 54, 55, 56, 57, 58, 59, 60 and 61.</p> <p>The green belt development plan is provided as fig.no.59.</p>
	<p><u>Fig.No.54: Green Belt Photographs</u></p> 	<p><u>Fig.No.55: Green Belt Photographs</u></p> 
	<p><u>Fig.No.56: Green Belt Photographs</u></p> 	<p><u>Fig.No.57: Green Belt Photographs</u></p> 
	<p><u>Fig.No.58: Green Belt Photographs</u></p> 	<p><u>Fig.No.59: Common GIDC Space Green belt development Letter.</u></p> 



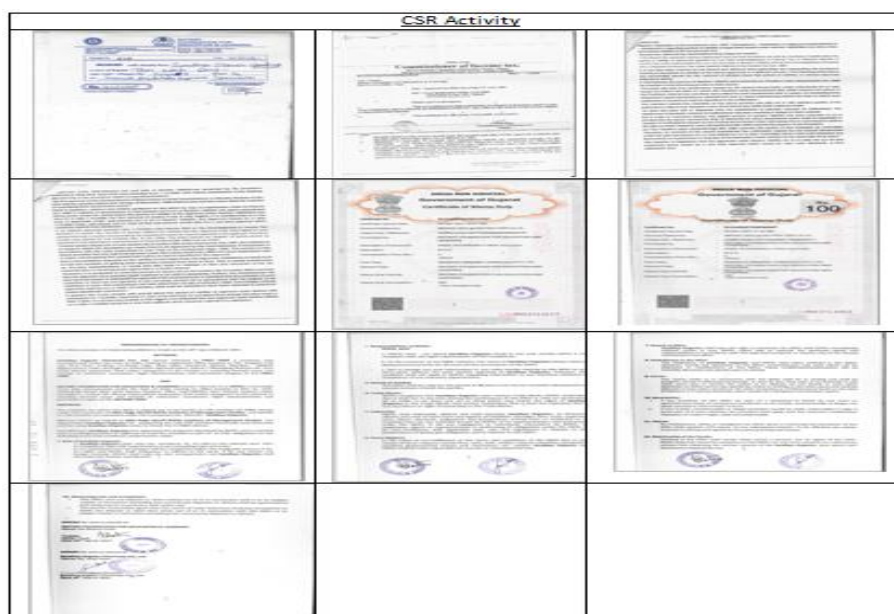
	<p>Fig.No.60: Green Belt Photographs</p> 	<p>Fig.No.61: Green Belt Photographs</p> 
20.	<p>The company shall make the arrangement for protection of possible fire and explosion hazards during manufacturing process in material handling.</p>	<p>We comply with this condition. We have taken the steps for protection of possible fire and explosion hazards during manufacturing process in material handling.</p> <p>We have provided the fire-fighting facility for protection of possible fire hazards during Manufacturing process in material handling.</p> <p>The list of Fire Extinguisher and Fire Extinguisher Photographs are provided in above condition no.17 as a fig. No. 34, 35, 36, 37, 38 and 39.</p>
21.	<p>At least 2.5 % of the total cost of the project should be earmarked towards the Enterprise social responsibility based on need-based item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.</p>	<p>Our unit is small scale unit. So we have been done the CSR activity. The detail of CSR activity is enclosed as Annexure-IV.</p> <p>The CSR Activity photographs are provided as fig. No. 62.</p> <p>The details of activities undertaken & financial details for same areas provided in the Table no.4 mention below:</p> <p>Contribution to:</p>

Table No.4: CSR Chart

Sr. No.	CSR Expenses	Amount Paid in Rs. (For the year 2017-2018 & 2019-20 & 2020-2021)
1.	Local School	5.0 Lac
2.	Smasanbhumi	11.00 Lac
3.	Cricket Tournament	50,000
4.	Arrangement for blood donation camp.	20,000
5.	Arrangement for Eye camp.	25,000
6.	Development of Maroli Circle	15.00 Lac
7.	Barricade for traffic control	15,000
8.	Donation to PM Cares Fund for COVID 19	10,50,000
9.	Rotary Foundation For Education & Learning	10.00 Lac
10.	Rotary Foundation For Education & Learning	10.00 Lac
	Total	62,60,000

Fig.No.62: CSR Activity Photographs



22.	<p>Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.</p> <p>All the construction wastes shall be managed so that there is no impact on the surrounding environment.</p>	<p>We had hired only the local labors during construction phase. Hence this condition was not applicable.</p> <p>All the construction wastes was properly managed to prevent any impact on the surrounding environment.</p>
B.	GENERAL CONDITIONS:	
1.	<p>The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority</p>	<p>We do comply with the conditions.</p> <ul style="list-style-type: none"> • We have started the quarterly monitoring of all applicable parameters of the process stack emissions as per the CC&A issued by the GPCB. • There is no effluent generation from process. • Ambient Air Quality is also being monitored regularly on monthly bases as per the CPCB guidelines of AAQ monitoring. <p>The CC&A Compliance report and test report of Monitoring of Stack, AAQM are enclosed as Annexure- IX.</p>
2.	<p>No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures</p>	<p>We undertake that, we shall not carry out any expansion without prior approval of the Ministry of Environment and Forest. There is no deviation/ alternation in the project. Present manufacturing quantity is well within the sanctioned limits for the same.”</p>

	required, if any.	
3.	The locations of ambient air quality monitoring stations shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	<ul style="list-style-type: none"> The location of ambient air quality monitoring station was decided in consultation with GPCB. We have set up the location of AAQ station on the near security office and near admin office. Ambient Air Quality is also being monitored on quarterly bases as per the CPCB guidelines of AAQ monitoring. The Test reports of AAQM are enclosed as Annexure-I.
4.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<ul style="list-style-type: none"> We regularly monitor noise level within the premises through NABL accredited laboratory. The test report of which are enclosed herewith as Annexure: I. The ambient noise level is well within the permissible limit prescribed under Environment (protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). The Summary of noise level monitoring is provided in the Table no.5 mention below:

Table No.5: Noise Monitoring Data

Noise Monitoring Data (Period: October – 2020 to March - 2021)						
Month /Year	Date of Monitoring	Time of Monitoring	Within Company premises			
			Noise Level dB (A)			
			Direction			
			East	West	South	North
October-20	03/10/2020	Day Time	63.8	70.3	72.4	65.6
		Night Time	58.2	63.5	66.9	57.1
		Outside D.G. Set (250 KVA) (Day Time)	73.5	73.8	74.1	73.7
January-21	30/01/2021	Day Time	66.2	71.9	73.5	62.7
		Night Time	61.5	66.8	65.2	55.4
		Outside D.G. Set (125 KVA) (Day Time)	73.2	74.0	73.7	73.5
NOTE: Permissible Limit CPCB (Day Time): <75 Db(A), Permissible Limit CPCB (Night Time): <70 Db(A)						
Noise monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi, NABL Certificate No. TC-7753, NABL Valid Until: 22.09.2022.						

5.	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	We are harvesting rainwater. The harvested rainwater is collected in reserve tank having capacity of 50 KL and the same is used for our industrial purpose during the monsoon season. Since, our project is situated in the GIDC Industrial Area of Vapi having clusters of chemical industries; the groundwater recharge may contaminate the groundwater in due course. Hence, GIDC is not allowing groundwater recharge.
6.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	We assure to maintain zero spillages during handling and transfer of raw materials. However, we have provided garland drain to avoid mixing of accidental spillages with domestic waste water or storm water.

7.	Usage of Personnel Protection Equipment's by all employees1 workers shall be ensured.	We provided the PPEs to all our employees/ workers. And its utilization by them is ensured. The PPES photographs are provided as fig. No. 63 and 64.
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Fig.No.63: Personal Protective Equipment's



Fig.No.64: List of Personal Protective Equipment's

SANDHYA ORGANIC CHEMICALS PVT. LTD.
 Adms & Sales Office: 101-102, Sangam CHS Ltd., 1st Floor, A Wing, S. V. Road, Santacruz (W), Mumbai - 400054.
 Regd. Office: Tel.: +91-22-41945323 / 24104202 / 24113100 • Fax: +91-22-26104201
 Plot No. 808/A/2, B Phase, G.I.D.C. Vapi - 396 195, Gujarat, India.
 E-mail: socsl@vsnl.com • Website: www.sandhya-group.com
 (An ISO 9001 : 2008 & ISO 14001 : 2004 Certified Company)

Date: 02.05.2018

List of Personnel Protective Equipment (PPE)

Sr. No.	Item Name
1	Helmet
2	Chemical Filter Mask
3	Dust Mask
4	Gum Boot
5	Safety Shoes
6	Goggles
7	Cotton Hand Gloss
8	Use & Through Hand Gloss
9	Rubber Hand Gloss
10	Cotton Aprone
11	Bubble Hood
12	Safety Belt

For, Sandhya Organic Chemicals Pvt. Ltd.
[Signature]
 Authorized Signatory.

8.	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.	<p>We are given the training about health & safety to our employees from chemicals handling and we do medical checkup of our employees on regular interval. The total 120 employee people in our unit.</p> <p>At present we have given the training of Fire and safety training and material handling training by aarti industries Ltd. and the training was participated by 4 numbers of workers.</p> <p>The employees' medical checkup and safety training records are enclosed as Annexure - II.</p> <p>Health & Safety training schedule is provided as fig. No. 65, 66, 67, 68, 69, 70, 71, 72, 73 and 74.</p>
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Fig.No.65: Safety training certificate

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: Induction - Emergency Awareness
Trainer: Narandha B. Patel
Training Date: 28/10/2020
Training Time: 8:30 To 12:30

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Mahendran Kumar		02	28/10/20	
2	Ravi K.		02		
3	Rakesh		02		
4	Prasanna		02		
5	Chandran K.		02		
6	Prasen K.		02		
7	Shubham		02		
8	Vinay		02		
9	Prakash		02		

Signature of Trainer: [Signature]

Fig.No.66: Safety training certificate

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: First Aid
Trainer: Dr. Bhawmik Patel
Training Date: 28/10/2020
Training Time: 2:30 To 4:30

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer	Signature of Trainer
1	Kiran B.					
2	Prasanna Chatterjee					
3	Prasanna					
4	Prasanna Chatterjee					
5	Prasanna Chatterjee					
6	Prasanna Chatterjee					
7	Prasanna Chatterjee					
8	Prasanna Chatterjee					
9	Prasanna Chatterjee					
10	Prasanna Chatterjee					
11	Prasanna Chatterjee					
12	Prasanna Chatterjee					

Signature of Trainer: [Signature]

Fig.No.67: Safety training certificate

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: General Safety Rules (Induction)
Trainer: Narandha B. Patel
Training Date: 16/11/2020
Training Time: 8:30 To 12:30

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer	Signature of Trainer
1	Abhishek					
2	Prasanna					
3	Prasanna					
4	Prasanna					
5	Prasanna					
6	Prasanna					
7	Prasanna					
8	Prasanna					
9	Prasanna					
10	Prasanna					
11	Prasanna					
12	Prasanna					

Signature of Trainer: [Signature]

Fig.No.68: Safety training certificate

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: Work Permit system
Trainer: Narandha B. Patel
Training Date: 17/11/2020
Training Time: 12:30 To 13:15

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Mr. Hiren Patel		3		
2	Mr. Umesh Jain		3		
3	Mr. Harishankar		3		
4	Mr. Bhavin Karia		3		
5	Mr. Sunil Wankar		3		
6	Mr. Prashant Wankar		3		
7	Mr. Jagdish Nigam		3		
8	Mr. Harishankar		3		
9	Mr. Harishankar		3		
10	Mr. Harishankar		3		
11	Mr. Harishankar		3		
12	Mr. Harishankar		3		

Signature of Trainer: [Signature]

Fig.No.69: Employee Training records

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: On Site Emergency Plan/Emergency response
Trainer: Mr. Bhawmik Patel
Training Date: 25/11/2020
Training Time: 16:00 To 18:00

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Prashant Nigam		3		
2	Hani Patel		3		
3	Narandha Patel		3		
4	Bhavin Karia		3		
5	Kishor Prasad		3		
6	Manoj Patel		3		
7	Hiren Patel		3		
8	Sunil Patel		3		
9	Vinod Ram		3		
10	Ram K. Das		3		
11	Mahesh Patel		3		

Signature of Trainer: [Signature]

Fig.No.70: Employee Training records

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: On Site Emergency Plan/Emergency response
Trainer: Mr. Bhawmik Patel
Training Date: 25/11/2020
Training Time: 16:00 To 18:00

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
12	Umesh Jain		3		
13	Vikash Gupta		3		
14	Mr. Vijay K. Shetty		3		
15	Vijay K. Shetty		3		
16	Prashant Nigam		3		
17	Prashant Nigam		3		
18	Prashant Nigam		3		
19	Prashant Nigam		3		
20	Prashant Nigam		3		
21	Prashant Nigam		3		
22	Prashant Nigam		3		

Signature of Trainer: [Signature]

Fig.No.71: Employee Training records

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: Personal Protective equipment (mask, bubble hood, shoes)
Trainer: Narandha B. Patel
Training Date: 03/11/2020
Training Time: 2:30 To 3:15

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Rakesh		3		
2	Vinay		3		
3	Prasanna K.		3		
4	Prasanna K.		3		
5	Prasanna K.		3		
6	Prasanna K.		3		
7	Prasanna K.		3		
8	Prasanna K.		3		
9	Prasanna K.		3		
10	Prasanna K.		3		
11	Prasanna K.		3		

Signature of Trainer: [Signature]

Fig.No.72: Employee Training records

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No: HRD/6.2.202 - Rev no: 00 - Issue date: 01/01/20)

Subject of Training: Personal Protective equipment (PPE) (Bubble hood, mask)
Trainer: Narandha Patel
Training Date: 03/11/2020
Training Time: 2:30 To 3:15

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Prasanna K.		3		
2	Prasanna K.		3		
3	Prasanna K.		3		
4	Prasanna K.		3		
5	Prasanna K.		3		
6	Prasanna K.		3		
7	Prasanna K.		3		
8	Prasanna K.		3		
9	Prasanna K.		3		
10	Prasanna K.		3		
11	Prasanna K.		3		

Signature of Trainer: [Signature]

Fig.No.73: Employee Training records

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No : SIHDN-2.202 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: MSDS & flammability safety Training Date: 13/10/2020
Trainer: R.V. Patil Training Time: 17:00 To 19:00

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Chaitanya Shinde	<i>[Signature]</i>	3		
2	Vinod Ram	<i>[Signature]</i>	3		
3	Hemant Patel	<i>[Signature]</i>	2		
4	Pooja Pawar	<i>[Signature]</i>	2		
5	Prashant	<i>[Signature]</i>	4		
6	Hemant Pawar	<i>[Signature]</i>	3		
7	Prashant	<i>[Signature]</i>	4		
8	Narendra B. Patil	<i>[Signature]</i>	3		
9	Vinod B. Patil	<i>[Signature]</i>	3		
10	Bhavin Rane	<i>[Signature]</i>	3		
11	Sunil G. Vankar	<i>[Signature]</i>	3		

[Signature]
Signature of Trainer

Fig.No.74: Employee Training records

SANDHYA ORGANIC CHEMICALS PVT.LTD.
Training Record and Evaluation
(Format No : SIHDN-2.202 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: Awareness on emergency & mock drill Training Date: 16/10/2020
Trainer: Narendra B. Patil Training Time: 8:15 To 8:25

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Chaitanya Shinde	<i>[Signature]</i>	2		
2	Vinod Ram	<i>[Signature]</i>	2		
3	Hemant Patel	<i>[Signature]</i>	2		
4	Pooja Pawar	<i>[Signature]</i>	3		
5	Prashant	<i>[Signature]</i>	3		
6	Hemant Pawar	<i>[Signature]</i>	3		
7	Prashant	<i>[Signature]</i>	3		
8	Narendra B. Patil	<i>[Signature]</i>	2		
9	Vinod B. Patil	<i>[Signature]</i>	3		
10	Bhavin Rane	<i>[Signature]</i>	2		
11	Sunil G. Vankar	<i>[Signature]</i>	2		

[Signature]
Signature of Trainer

9. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry.
- All the recommendations made in the EINEMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
- We do comply with the environmental protection measures and safeguards as proposed in the documents submitted to the Ministry.
 - Risk mitigation measures relating to the project are also taken care of and are implemented.
 - Since the project site is located within Notified industrial area of GIDC Vapi; public hearing was exempted to the unit. We are involved in community developmental measures as well as social welfare measures in our project area for the overall improvement of the environment.

Recommendations made in the EIA/EMP in respect of environmental management

- | | |
|---|--|
| <p>➤ Air pollution Control</p> <ul style="list-style-type: none"> • We have provided Stack height of 11m attached to D.G. Set for dispersion of gaseous emissions. • We have provided adequate stack height @ 11 m from the ground level for effective dispersion of flue gaseous during boiler operations. • We have installed scrubbing system to control these fugitive emissions. • We have provided automated closed system for handling and transfer of chemicals. | <p>➤ Water & wastewater</p> <ul style="list-style-type: none"> • Domestic waste water generated is disposed off through septic tank into soak pit. <p>➤ Noise</p> <ul style="list-style-type: none"> • Acoustic enclosure is provided to abet noise pollution during operation of D.G. Set. • We regularly monitor noise level within the premises through NABL accredited laboratory. <p>We provided the PPEs to all our employees/workers. And its utilization by them is ensured.</p> |
| <p>➤ Hazardous Materials</p> <ul style="list-style-type: none"> • We have installed the closed system for handling & transfer of Chemicals/materials. • All the materials are identified as hazardous as per MSIHC Rules (2000). • Firefighting systems are provided in storage area and maintained, to cope with emergency, in case of any fire accident occurring in the premises. Total 13 Nos. of fire extinguishers (DCP/CO2) are installed within the company premises. <p>➤ Occupational Health & Safety</p> <ul style="list-style-type: none"> • We are given the training about health & safety to our employees from chemicals handling and | <p>➤ Greenbelt Development</p> <ul style="list-style-type: none"> • Greenbelt has been developed as per the guidelines of CPCB, under the supervision of experienced personnel and guidance of local experts. The company has developed greenbelt in about 1785 sq. m. land out of total land of 5336 sq. m. <p>➤ Socioeconomic & CSR Activities.</p> <ul style="list-style-type: none"> • We are involved in the CSR activities as mentioned in CSR plan for improving the socio-economic condition of the surrounding area and we are also involving local villages and administration for |

	<p>we do medical checkup of our employees on regular interval.</p> <ul style="list-style-type: none"> Occupational health surveillance of the workers is done on a regular basis and the records (of medical examination report) are maintained as per the Factories Act. 	<p>implementing social development plans.</p> <ul style="list-style-type: none"> The detail of CSR activity is enclosed as Annexure-IV. <p>We are involved in eco-developmental measures as well as community welfare measures in our project area.</p>																																				
	<p>➤ <u>Risk Assessment & Safety Measures</u></p> <p>Critical Safety Measures</p> <ul style="list-style-type: none"> We have provided Fire hydrant & Fire detection system within process unit 	<p>➤ <u>Safety Measures for Handling</u></p> <ul style="list-style-type: none"> Display Boards is provided on all storage tanks which includes the name of the product, stored Material of construction, Calibration of tanks and date of Painting. In order to avoid the accident due to spillage or overflow is provide the level indicators which helps to know the exact liquid level inside the tank. <p>All the storage tanks is provided with transferring pumps which helps to reduce the risk of tank leakages.</p>																																				
10.	<p>The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.</p>	<p>We are involved in the CSR activities as mentioned in CSR plan for improving the socio-economic condition of the surrounding area and we are also involving local villages and administration for implementing social development plans.</p> <p>The CSR Activity photographs are provided as fig. No. 60, 61, 62, 63, 64 and 65.</p> <p>The detail of CSR activity is enclosed as Annexure-IV.</p> <p>The details of activities undertaken & financial details for same areas provided in the Table no.6 mention below:</p> <p>Contribution to:</p>																																				
	<p align="center">Table No.6:CSR Chart</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>CSR Expenses</th><th>Amount Paid in Rs. (For the year 2020-21)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Local School</td><td>6.0 ac</td></tr> <tr> <td>2.</td><td>Smasanbhumi</td><td>11.00 Lac</td></tr> <tr> <td>3.</td><td>Cricket Tournament</td><td>50,000</td></tr> <tr> <td>4.</td><td>Arrangement for blood donation camp.</td><td>20,000</td></tr> <tr> <td>5.</td><td>Arrangement for Eye camp.</td><td>25,000</td></tr> <tr> <td>6.</td><td>Development of Maroli Circle</td><td>15.00 Lac</td></tr> <tr> <td>7.</td><td>Barricade for traffic control</td><td>15,000</td></tr> <tr> <td>8.</td><td>Donation to PM Cares Fund for COVID 19</td><td>10,50,000</td></tr> <tr> <td>9.</td><td>Rotary Foundation for Education & Learning</td><td>10.00 Lac</td></tr> <tr> <td>10.</td><td>Rotary Foundation for Education & Learning</td><td>10.00 Lac</td></tr> <tr> <td></td><td>Total</td><td>69,60,000</td></tr> </tbody> </table>		Sr. No.	CSR Expenses	Amount Paid in Rs. (For the year 2020-21)	1.	Local School	6.0 ac	2.	Smasanbhumi	11.00 Lac	3.	Cricket Tournament	50,000	4.	Arrangement for blood donation camp.	20,000	5.	Arrangement for Eye camp.	25,000	6.	Development of Maroli Circle	15.00 Lac	7.	Barricade for traffic control	15,000	8.	Donation to PM Cares Fund for COVID 19	10,50,000	9.	Rotary Foundation for Education & Learning	10.00 Lac	10.	Rotary Foundation for Education & Learning	10.00 Lac		Total	69,60,000
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	Total	69,60,000																																				
11.	<p>The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</p>	<p>We are involved in eco-developmental measures as well as community welfare measures in our project area for the overall improvement of the environment. The measures undertaken as per above point no.-10.</p>																																				
12.	<p>A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental</p>	<p>We have established Environmental Management Cell, and permanently appointed plant-in-charge, environmental manager,</p>																																				

	Management and Monitoring functions.	<p>operators and chemist with qualification and training in the relevant field.</p> <p>In-house laboratory has also been set to carry out the monitoring of basic parameters.</p> <p>And also have contracted with MoEF&CC recognized laboratory for conducting the monitoring of other parameters.</p> <p>The Environmental management cell is provided as fig.no.80.</p> <p>The Environmental Engineer appointment letter is provided as fig.no.76.</p> <p>The Environmental Engineer appointment letter is provided as fig.no.75.</p>
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Fig.No.75: Environmental Management Cell

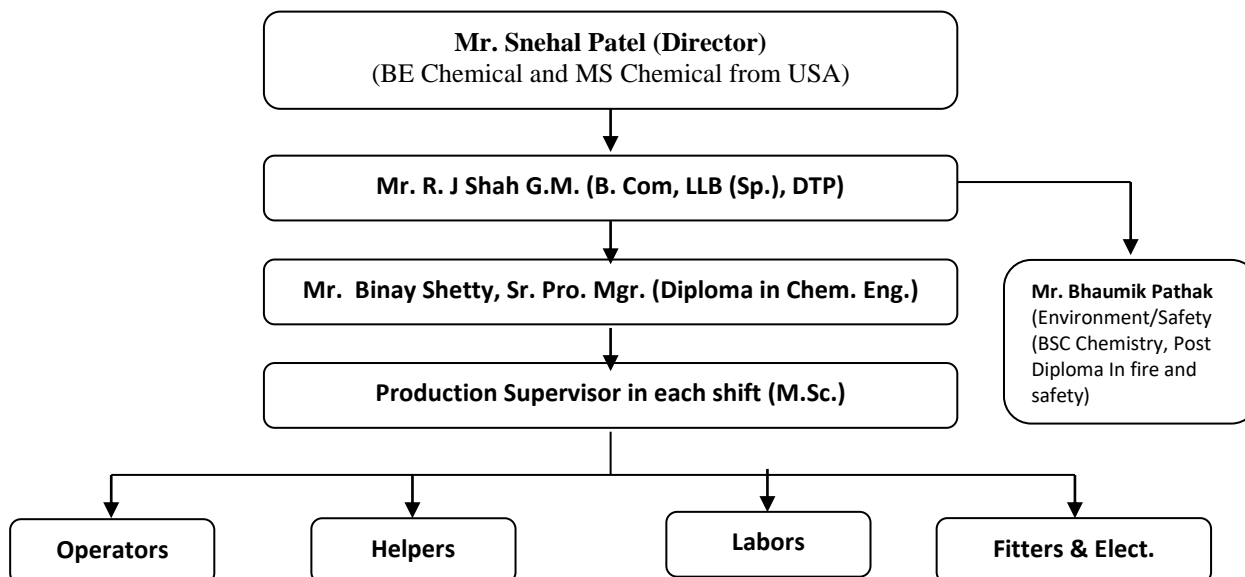
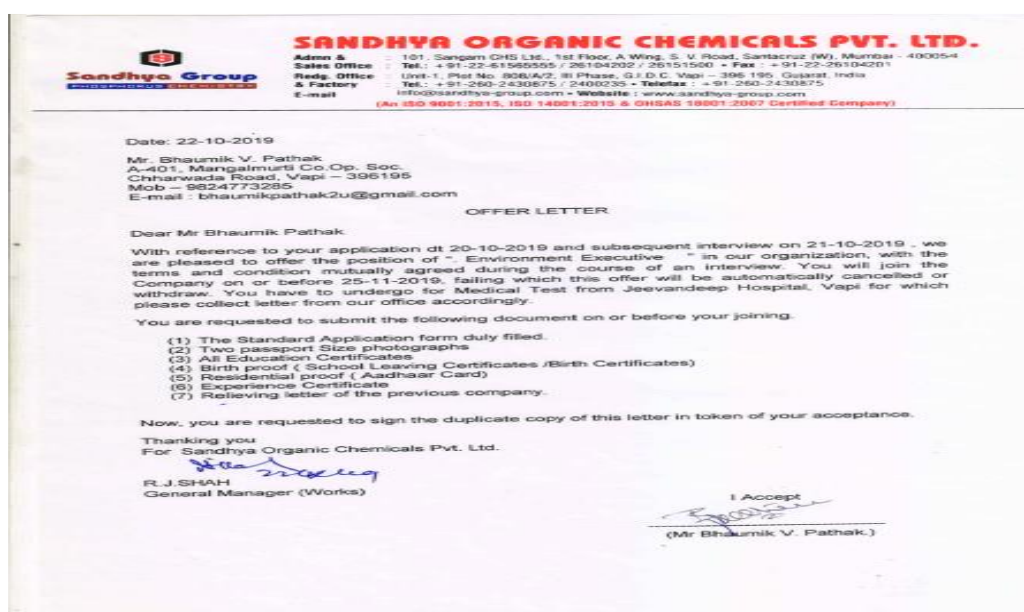


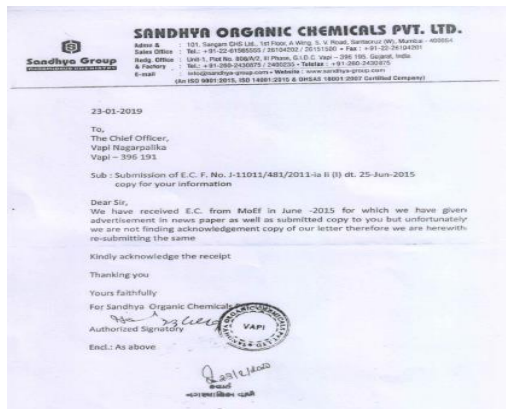
Fig.No.76: Environmental Engineer Appointment Letter



13.	The company shall earmark sufficient funds for	We have secured funds (i.e., Rs. 40.00 Lakhs) for
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	recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management pollution control measures shall not be diverted for any other purpose.	capital investment and Rs. 30.00 Lakhs/Annum as recurring cost to implement and maintain the conditions stipulated by the Ministry of Environment & Forests as well as the State Government. As on March 2019 the recurring cost of EMS is 9.56 Lakhs/Annum. The Actual expenses are provided in the table no.7 mention below:
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Table No.7: EMS		
Capital Cost		
Sr. No.	Particulars	(Rs. In Lakhs)
1.	Pollution Control (ETP & APC)	30.00
2.	Safety & Occupational Health	
3.	Greenbelt Development	
EMS capital expense (actual)		
Sr. No.	Particulars	(Rs. In Lakhs)
1	Environmental Protection measures	40.00
TOTAL		40.00
Recurring Cost/Annum (year-2019-20)		
1	Environment & Safety Management System	5.35
2	Greenbelt Maintenance	2.00
3	Environment Monitoring expenses	
	Air Monitoring	0.54
	Stack Monitoring	0.79
	Noise Monitoring	0.28
4	Health Checkup expenses	0.60
TOTAL		9.56

14.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/representations, if any, were received while processing the proposal.	<p>A copy of the environment clearance letter has been submitted to vapi nagarpalika.</p> <p>The EC letter submission Acknowledge copy is provided as fig.no.77.</p> <p><u>Fig.No.77:EC Letter Submission Acknowledge copy</u></p> 
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15.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six-monthly compliance status report	<p>We are regularly submitting Comprehensive EC compliance report for the period of April to September and October to March to the Ministry's regional office at Bhopal well within the stipulated date. The Same data has been uploaded on ministry portal.</p> <p>The Six-Monthly EC Compliance Submission dates for the last three year are as under:</p>
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shall be posted on the website of the company.

1. Period of April'17 to Sept'17, Date: 29.11.2017.
2. Period of October'17 to March'18, Date: 25.05.2018.
3. Period of April'18 to Sept'18, Date: 26.12.2018.
4. Period of October'18 to March'19, Date: 22.05.2019.
5. Period of April'19 to Sept'19, Date: 21.11.2019.
6. Period of October'19 to March'20, Date: 19.06.2020.
7. Period of April'20 to Sept'21, Date: 09.01.2021

The Six-Monthly EC Compliance Submission Acknowledge copies are provided as fig. No. 78, 79, 80, 81, 82, 83, 84, 85, 86 and 87.

Fig.No.78: EC Compliance Submission Ackw. copy

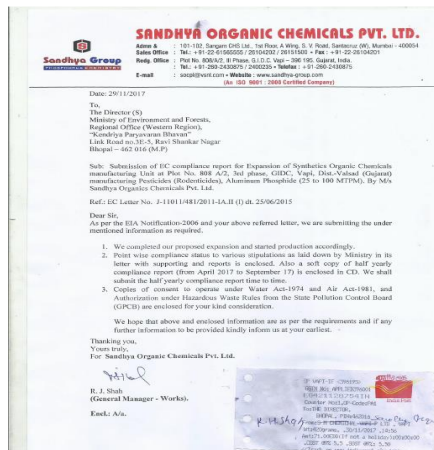


Fig.No.79: EC Compliance Submission Ackw. copy

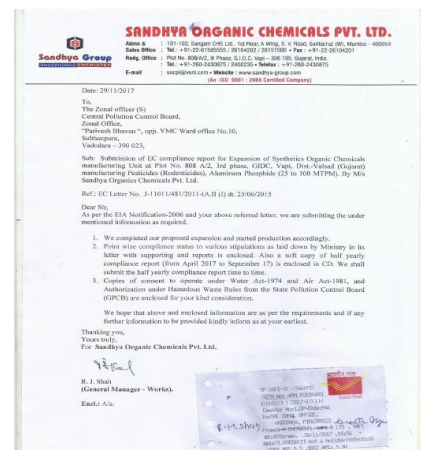


Fig.No.80: EC Compliance Submission Ackw. copy

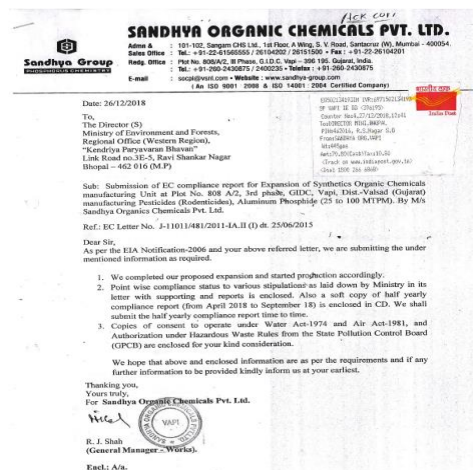


Fig. No.81: EC Compliance Submission Ackw. copy



Fig.No.82: EC Compliance Submission Ackw. copy

SANDHYA ORGANIC CHEMICALS PVT. LTD.
 101-102, Sangam CHS Ltd, 1st Floor, A Wing, S. V Road, Santacruz (W), Mumbai - 400054
 Main Office : Tel : +91-22-61960502 / 20104002 / 20105000 • Fax : +91-22-26104201
 Regd. Office : Plot No. 808A/2, B Phase, G.I.D.C. Vapi, Dist-Valsad (Gujarat) - 390025
 Tel : +91-260-2430679 / 2430226 • Mobile : +91-986-2430675
 E-mail : ecsp@ecsp.com • Website : www.sandhya-group.com
 (Ink REG-8081)

Date: 22/05/2019

To,
 The Director (S)
 Ministry of Environment and Forests,
 Regional Office (Western Region),
 "Kendriya Paryavaran Bhawan"
 Link Road no.3E-5, East Shikhar Nagar
 Bhopal - 462 016 (M.P.)

Sub: Submission of EC compliance report for Expansion of Synthetic Organic Chemicals manufacturing Unit at Plot No. 808 A/2, 3rd phase, GIDC, Vapi, Dist-Valsad (Gujarat) manufacturing Pesticides (Rodenticides), Aluminium Phosphide (25 to 100 MT/PM), By M/s. Sandhya Organic Chemicals Pvt. Ltd.

Ref: EC Letter No. J-11011481/2011-IA-II (I) dt. 25/06/2015

Dear Sir,
 As per the EIA Notification-2006 and your above referred letter, we are submitting the under mentioned information as required.

- Point wise compliance status to various stipulations as laid down by Ministry in its letter with supporting and reports is enclosed. Also a soft copy of half yearly compliance report (from October 2018 to March 2019) is enclosed in CD. We shall submit the half yearly compliance report time to time.
- Copies of consent to operate under Water Act-1974 and Air Act-1981, and Authorization under Hazardous Waste Rules from the State Pollution Control Board (GPCB) are enclosed for your kind consideration.

We hope that above and enclosed information are as per the requirements and if any further information to be provided kindly inform us at your earliest.

Thanking you,
 Yours truly,
 For Sandhya Organic Chemicals Pvt. Ltd.

R. J. Shah
 (General Manager - Works).

Encl: A/a.

Fig.No.83: EC Compliance Submission Ackw. copy

SANDHYA ORGANIC CHEMICALS PVT. LTD.
 101-102, Sangam CHS Ltd, 1st Floor, A Wing, S. V Road, Santacruz (W), Mumbai - 400054
 Main Office : Tel : +91-22-61960502 / 20104002 / 20105000 • Fax : +91-22-26104201
 Regd. Office : Plot No. 808A/2, B Phase, G.I.D.C. Vapi, Dist-Valsad (Gujarat) - 390025
 Tel : +91-260-2430679 / 2430226 • Mobile : +91-986-2430675
 E-mail : ecsp@ecsp.com • Website : www.sandhya-group.com
 (Ink REG-8081)

Date: 22/05/2019

To,
 The Zonal officer (S)
 Central Pollution Control Board,
 Zonal Office,
 "Parvathi Bhawan", opp. VMC Ward office No.10,
 Subharpura,
 Vadodra - 390 023.

Sub: Submission of EC compliance report for Expansion of Synthetic Organic Chemicals manufacturing Unit at Plot No. 808 A/2, 3rd phase, GIDC, Vapi, Dist-Valsad (Gujarat) manufacturing Pesticides (Rodenticides), Aluminium Phosphide (25 to 100 MT/PM), By M/s. Sandhya Organic Chemicals Pvt. Ltd.

Ref: EC Letter No. J-11011481/2011-IA-II (I) dt. 25/06/2015

Dear Sir,
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- Point wise compliance status to various stipulations as laid down by Ministry in its letter with supporting and reports is enclosed. Also a soft copy of half yearly compliance report (from October 2018 to March 2019) is enclosed in CD. We shall submit the half yearly compliance report time to time.
- Copies of consent to operate under Water Act-1974 and Air Act-1981, and Authorization under Hazardous Waste Rules from the State Pollution Control Board (GPCB) are enclosed for your kind consideration.

We hope that above and enclosed information are as per the requirements and if any further information to be provided kindly inform us at your earliest.

Thanking you,
 Yours truly,
 For Sandhya Organic Chemicals Pvt. Ltd.

R. J. Shah
 (General Manager - Works).

Encl: A/a.

Fig.No.84: EC Compliance Submission Ackw. Copy

SANDHYA ORGANIC CHEMICALS PVT. LTD.
 101-102, Sangam CHS Ltd, 1st Floor, A Wing, S. V Road, Santacruz (W), Mumbai - 400054
 Main Office : Tel : +91-22-61960502 / 20104002 / 20105000 • Fax : +91-22-26104201
 Regd. Office : Plot No. 808A/2, B Phase, G.I.D.C. Vapi, Dist-Valsad (Gujarat) - 390025
 Tel : +91-260-2430679 / 2430226 • Mobile : +91-986-2430675
 E-mail : ecsp@ecsp.com • Website : www.sandhya-group.com
 (Ink REG-8081)

Date: 21/11/2019

To,
 The Director (S)
 Ministry of Environment and Forests,
 Regional Office (Western Region),
 "Kendriya Paryavaran Bhawan"
 Link Road no.3E-5, East Shikhar Nagar
 Bhopal - 462 016 (M.P.)

Sub: Submission of EC compliance report for Expansion of Synthetic Organic Chemicals manufacturing Unit at Plot No. 808 A/2, 3rd phase, GIDC, Vapi, Dist-Valsad (Gujarat) manufacturing Pesticides (Rodenticides), Aluminium Phosphide (25 to 100 MT/PM), By M/s. Sandhya Organic Chemicals Pvt. Ltd.

Ref: EC Letter No. J-11011481/2011-IA-II (I) dt. 25/06/2015

Dear Sir,
 As per the EIA Notification-2006 and your above referred letter, we are submitting the under mentioned information as required.

- Point wise compliance status to various stipulations as laid down by Ministry in its letter with supporting and reports is enclosed. Also a soft copy of half yearly compliance report (from April 2019 to September 2019) is enclosed in CD. We shall submit the half yearly compliance report time to time.
- Copies of consent to operate under Water Act-1974 and Air Act-1981, and Authorization under Hazardous Waste Rules from the State Pollution Control Board (GPCB) are enclosed for your kind consideration.

We hope that above and enclosed information are as per the requirements and if any further information to be provided kindly inform us at your earliest.

Thanking you,
 Yours truly,
 For Sandhya Organic Chemicals Pvt. Ltd.

R. J. Shah
 (General Manager - Works).

Encl: A/a.

Fig.No.85: EC Compliance Submission Ackw. Copy

SANDHYA ORGANIC CHEMICALS PVT. LTD.
 101-102, Sangam CHS Ltd, 1st Floor, A Wing, S. V Road, Santacruz (W), Mumbai - 400054
 Main Office : Tel : +91-22-61960502 / 20104002 / 20105000 • Fax : +91-22-26104201
 Regd. Office : Plot No. 808A/2, B Phase, G.I.D.C. Vapi, Dist-Valsad (Gujarat) - 390025
 Tel : +91-260-2430679 / 2430226 • Mobile : +91-986-2430675
 E-mail : ecsp@ecsp.com • Website : www.sandhya-group.com
 (Ink REG-8081)

Date: 21/11/2019

To,
 The Zonal officer (S)
 Central Pollution Control Board,
 Zonal Office,
 "Parvathi Bhawan", opp. VMC Ward office No.10,
 Subharpura,
 Vadodra - 390 023.

Sub: Submission of EC compliance report for Expansion of Synthetic Organic Chemicals manufacturing Unit at Plot No. 808 A/2, 3rd phase, GIDC, Vapi, Dist-Valsad (Gujarat) manufacturing Pesticides (Rodenticides), Aluminium Phosphide (25 to 100 MT/PM), By M/s. Sandhya Organic Chemicals Pvt. Ltd.

Ref: EC Letter No. J-11011481/2011-IA-II (I) dt. 25/06/2015

Dear Sir,
 As per the EIA Notification-2006 and your above referred letter, we are submitting the under mentioned information as required.

- Point wise compliance status to various stipulations as laid down by Ministry in its letter with supporting and reports is enclosed. Also a soft copy of half yearly compliance report (from April 2019 to September 2019) is enclosed in CD. We shall submit the half yearly compliance report time to time.
- Copies of consent to operate under Water Act-1974 and Air Act-1981, and Authorization under Hazardous Waste Rules from the State Pollution Control Board (GPCB) are enclosed for your kind consideration.

We hope that above and enclosed information are as per the requirements and if any further information to be provided kindly inform us at your earliest.

Thanking you,
 Yours truly,
 For Sandhya Organic Chemicals Pvt. Ltd.

R. J. Shah
 (General Manager - Works).

Encl: A/a.

Fig.No.86: EC Compliance Submission Ackw. Copy

SANDHYA ORGANIC CHEMICALS PVT. LTD.
 101-102, Sangam CHS Ltd, 1st Floor, A Wing, S. V Road, Santacruz (W), Mumbai - 400054
 Main Office : Tel : +91-22-61960502 / 20104002 / 20105000 • Fax : +91-22-26104201
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 Tel : +91-260-2430679 / 2430226 • Mobile : +91-986-2430675
 E-mail : ecsp@ecsp.com • Website : www.sandhya-group.com
 (Ink REG-8081)

Date: 09/01/2021

To,
 The Director (S)
 Ministry of Environment and Forests,
 Regional Office (Western Region),
 "Kendriya Paryavaran Bhawan"
 Link Road no.3E-5, East Shikhar Nagar
 Bhopal - 462 016 (M.P.)

Sub: Submission of EC compliance report for Expansion of Synthetic Organic Chemicals manufacturing Unit at Plot No. 808 A/2, 3rd phase, GIDC, Vapi, Dist-Valsad (Gujarat) manufacturing Pesticides (Rodenticides), Aluminium Phosphide (25 to 100 MT/PM), By M/s. Sandhya Organic Chemicals Pvt. Ltd.

Ref: EC Letter No. J-11011481/2011-IA-II (I) dt. 25/06/2015

Dear Sir,
 As per the EIA Notification-2006 and your above referred letter, we are submitting the under mentioned information as required.

- Point wise compliance status to various stipulations as laid down by Ministry in its letter with supporting and reports is enclosed. Also a soft copy of half yearly compliance report (from April 2020 to September 2020) is enclosed in CD. We shall submit the half yearly compliance report time to time.
- Copies of consent to operate under Water Act-1974 and Air Act-1981, and Authorization under Hazardous Waste Rules from the State Pollution Control Board (GPCB) are enclosed for your kind consideration.

We hope that above and enclosed information are as per the requirements and if any further information to be provided kindly inform us at your earliest.

Thanking you,
 Yours truly,
 For Sandhya Organic Chemicals Pvt. Ltd.

R. J. Shah
 (General Manager - Works).

Encl: A/a.

Fig.No.87: EC Compliance Submission Ackw. Copy

SANDHYA ORGANIC CHEMICALS PVT. LTD.
 101-102, Sangam CHS Ltd, 1st Floor, A Wing, S. V Road, Santacruz (W), Mumbai - 400054
 Main Office : Tel : +91-22-61960502 / 20104002 / 20105000 • Fax : +91-22-26104201
 Regd. Office : Plot No. 808A/2, B Phase, G.I.D.C. Vapi, Dist-Valsad (Gujarat) - 390025
 Tel : +91-260-2430679 / 2430226 • Mobile : +91-986-2430675
 E-mail : ecsp@ecsp.com • Website : www.sandhya-group.com
 (Ink REG-8081)

Date: 09/01/2021

To,
 The Zonal officer (S)
 Central Pollution Control Board,
 Zonal Office,
 "Parvathi Bhawan", opp. VMC Ward office No.10,
 Subharpura,
 Vadodra - 390 023.

Sub: Submission of EC compliance report for Expansion of Synthetic Organic Chemicals manufacturing Unit at Plot No. 808 A/2, 3rd phase, GIDC, Vapi, Dist-Valsad (Gujarat) manufacturing Pesticides (Rodenticides), Aluminium Phosphide (25 to 100 MT/PM), By M/s. Sandhya Organic Chemicals Pvt. Ltd.

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- Point wise compliance status to various stipulations as laid down by Ministry in its letter with supporting and reports is enclosed. Also a soft copy of half yearly compliance report (from April 2020 to September 2020) is enclosed in CD. We shall submit the half yearly compliance report time to time.
- Copies of consent to operate under Water Act-1974 and Air Act-1981, and Authorization under Hazardous Waste Rules from the State Pollution Control Board (GPCB) are enclosed for your kind consideration.

We hope that above and enclosed information are as per the requirements and if any further information to be provided kindly inform us at your earliest.

Thanking you,
 Yours truly,
 For Sandhya Organic Chemicals Pvt. Ltd.

R. J. Shah
 (General Manager - Works).

Encl: A/a.

16.	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by email.</p>	<p>We are regularly submitting the environmental statement for each financial year ending 31st March in Form-V to the Gujarat pollution control committee and also submit soft and hard copy with EC Compliance report to MoEF Bhopal. And copy of Form – V has been uploaded on GPCB website.</p> <p>The same is also posted in our website. The web link is as under: http://sandhyagroup.com/env-compliance/</p> <p>A acknowledge copy of the Form - V submission to GPCB is enclosed herewith as Annexure: - VI.</p> <p>A acknowledge copy of the Form – V is provided as fig.no.88.</p> <p>Fig.No.88: Acknowledge Copy of Form-V</p> 
17.	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry 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 shall be forwarded to the concerned Regional Office of the Ministry.</p>	<p>We have already informed to the public by local news paper that we have accorded environmental clearance by the Ministry and copies of clearance letter are available with the state Pollutions Control Board and may also be seen at website of the Ministry of Environmental and Forests at website of the Ministry of Environmental and Forests at http://envfor.nic.in.</p> <p>The advertisement (Public notice) has been made within 7 days of obtaining environment clearance. A copy of public notice in newspaper Sandesh dated 29 June 2015 is enclosed herewith as Annexure: -VIII.</p> <p>The public notice is provided as fig.no.89 and 90.</p>
	<p>Fig.No.89: Sandesh.dt.30.07.2015.</p> 	<p>Fig.No.90: Sandesh.dt.29.07.2015.</p> 
18.	<p>The project authorities shall inform the Regional Office as well as the Ministry, the date of financial</p>	<p>The project is self-finance by the promoters hence no financial approval from the financial</p>

	closure and final approval of the project by the concerned authorities and the date of start of the project.	<p>authorities was required. Hence financial closure is not applicable.</p> <ul style="list-style-type: none"> • Date of final Approval of the project from GPCB-31/07/2014. • Date of Start of the Project (proposed expansion): 01/01/2015. <p>The documentary evidence related to intimation to Ministry's Regional Office regarding final approval and date of start of the project is submitted along with the first EC compliance report submitted.</p>
--	--	---

For **Sandhya Organic Chemicals PVT. LTD.**

(Authorized Signature)

List of Annexure

No. of Annexure	Name of Annexure
I.	Ambient air Quality, Stack monitoring, Work Place monitoring report of six month (Oct'2020 to March'2021)
II.	Copy of Health check-up reports and training records.
III.	Green belt photos
IV.	CSR Activity details
V.	The membership certificate of TSDF site of Ms. VWEMCL.
VI.	Form-V
VII.	Public Notice
VIII.	Site Layout Plan
IX.	Consolidated consent & authorization compliance
X.	MoEF Data Sheet
XI.	Last Six-Month Production Data

Annexure-I

- Ambient air Quality, Noise Monitoring, Stack monitoring,
(October 2020 to March 2021)

TEST REPORT (AMBIENT AIR MONITORING)

ULR - TC77532000009026F			
Test Report No.	URA/20/10/A-005	Report Issue Date	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/A-20/10/005	Field Data Sheet No.	URA/FDS/A-20/10/005
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	03/10/2020	Date of Testing	05/10/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Within Company Premises		
Environmental Conditions during Sampling :	Temp.:	Min.: 25 °C	Max.: 33 °C
	Rel. Humidity:	Min.: 66 %	Max.: 88 %
		Avg.: 29 °C	Avg.: 77 %

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UURL/AIR/RDS/34	Respirable Dust Sampler	1768-DTB-2013 1147-DTB-2013	02/08/2020	01/08/2021
UURL/AIR/FPS/21	Fine Particulate Sampler	20-DTC-2012	01/08/2020	31/07/2021

General Sampling / Monitoring Observation as per CPCB Guideline

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24
2.	Flow Rate of PM ₁₀	m ³ /min	1.26
3.	Volume of Air Sampled for PM ₁₀	m ³	1814
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.04
5.	Flow Rate for Gas	L/min	0.2
6.	Volume of Air Sample for Gas	L	288

Environmental Conditions during testing :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 50%

Test Parameter Results


DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit (As per NAAQMS)	Test Method
1.	Particulate Matter. (PM ₁₀)	µg/m ³	73	100	IS - 5182, Part - 23
2.	Particulate Matter. (PM _{2.5})	µg/m ³	25	60	UURL/AIR/SOP/11
3.	Sulphur Dioxide	µg/m ³	14.6	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide	µg/m ³	19.2	80	IS - 5182, Part - 6

Remarks:

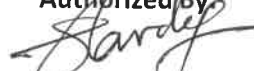
Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UURL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C. Office, Char Rasta, Vapi-396 195, Gujarat, India.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN:U73100GJ2007PTC051463

TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

Test Report No.	URA/20/10/W-SOC006	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/W-20/10/006	Field Data Sheet No.:	URA/FDS/W-20/10/006
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	03/10/2020	Date of Testing	05/10/2020
Location of Sampling / Monitoring	Blending Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254-DTG-2008 3490-DTG-2008	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.27
3.	Volume of Air Sampled	m ³	609

➤ **Test Parameter Results**


DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	2.7	10

Remarks:


Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-79/00

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C. Office, Char Rasta, Vapi-396 195, Gujarat, India.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN:U73100GJ2007PTC051463

TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

Test Report No.	URA/20/10/W-SOC007	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/W-20/10/007	Field Data Sheet No.:	URA/FDS/W-20/10/007
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	03/10/2020	Date of Testing	05/10/2020
Location of Sampling / Monitoring	Pot Fire Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.24
3.	Volume of Air Sampled	m ³	595

➤ **Test Parameter Results**


DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	1.9	10

Remarks:

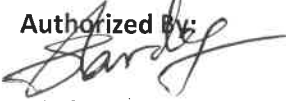
Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-79/00

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Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN:U73100GJ2007PTC051463

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to 17.03.2023)

QCI-NABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

Test Report No.	URA/20/10/W-SOC008	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/W-20/10/008	Field Data Sheet No.:	URA/FDS/W-20/10/008
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	03/10/2020	Date of Testing	05/10/2020
Location of Sampling / Monitoring	Tableting Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/04	Respirable Dust Sampler	1714-DTE-2010 2681-DTC-2005	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.26
3.	Volume of Air Sampled	m ³	604

➤ **Test Parameter Results**


DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	1.5	10

Remarks:

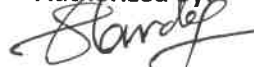
Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-79/00

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Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN:U73100GJ2007PTC051463

TEST REPORT
(STACK MONITORING)

Test Report No.	URA/20/10/S-SOC012	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/S-20/10/012	Field Data Sheet No.:	URA/FDS/S-20/10/012
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	06/10/2020	Date of Testing	06/10/2020
Stack Sampling Attached to	ALP/Zinc Reactor		
Air Pollution Control Device	Scrubbing System		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	31
5.	Exit Velocity	m/s	7.22
6.	Exit Flow	m ³ /h	816

➤ **Test Parameter Results**


DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit	Result	Permissible Limit
1.	Phosphorous Pentoxide (as P ₂ O ₅)	mg/Nm ³	6.3	<9

Remarks:


Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-04/04

Note: This report is subject to Terms and Conditions mentioned overleaf.

**TEST REPORT
(STACK MONITORING)**

ULR - TC77532000009027F			
Test Report No.	URA/20/10/S-013	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/S-20/10/013	Field Data Sheet No.:	URA/FDS/S-20/10/013
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	06/10/2020	Date of Testing	06/10/2020
Stack Sampling Attached to	Baby Boiler (300 kg/hr)		
Fuel Used	--		
Air Pollution Control Device	Natural Gas		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	11
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	96
6.	Exit Gas Velocity	m/s	7.58
7.	Exit Gas Flow	m ³ /h	856

➤ **Test Parameter Results**


DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	18	<150	IS 11255(Part - 1)
2.	Sulphur Dioxide	ppm	N.D.	<100	IS 11255(Part - 2)
3.	Oxide of Nitrogen	ppm	13	<50	IS 11255(Part - 7)

Remarks:


Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-04/04

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT (STACK MONITORING)

ULR - TC77532000009028F			
Test Report No.	URA/20/10/S-014	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/S-20/10/014	Field Data Sheet No.:	URA/FDS/S-20/10/014
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	06/10/2020	Date of Testing	06/10/2020
Stack Sampling Attached to	Blender		
Fuel Used	Dust Collector		
Air Pollution Control Device	--		

Details of Instrument Used for Monitoring

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

General Stack Monitoring Observation

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	10
2.	Stack Dia	mm	150
3.	Stack Area	m ²	0.0176
4.	Ambient Temperature	°C	31
5.	Exit Gas Velocity	m/s	9.13
6.	Exit Gas Flow	m ³ /h	578

Test Parameter Results


DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	21	<150	IS 11255(Part - 1)

Remarks:

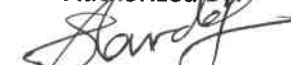
Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-04/04

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
(STACK MONITORING)

ULR - TC77532000009029F			
Test Report No.	URA/20/10/S-015	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/S-20/10/015	Field Data Sheet No.:	URA/FDS/S-20/10/015
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	06/10/2020	Date of Testing	06/10/2020
Stack Sampling Attached to	Tablet Machine		
Fuel Used	Dust Collector		
Air Pollution Control Device	--		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	10
2.	Stack Dia	mm	150
3.	Stack Area	m ²	0.0176
4.	Ambient Temperature	°C	31
5.	Exit Gas Velocity	m/s	10.08
6.	Exit Gas Flow	m ³ /h	638

➤ **Test Parameter Results**


DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	28	<150	IS 11255(Part - 1)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-04/04

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TEST REPORT
(STACK MONITORING)

ULR - TC77532000009030F			
Test Report No.	URA/20/10/S-016	Report Issue Date:	08/10/2020
Service Request form No.	URA/SRF/10/005	Service Request Date	03/10/2020
Sample ID No.	URA/ID/S-20/10/016	Field Data Sheet No.:	URA/FDS/S-20/10/016
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	06/10/2020	Date of Testing	06/10/2020
Stack Sampling Attached to	D. G. Set (250 KVA)		
Fuel Used	--		
Air Pollution Control Device	HSD		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	11
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	244
6.	Exit Gas Velocity	m/s	18.71
7.	Exit Gas Flow	m ³ /h	2114


➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	45	<150	IS 11255(Part - 1)
2.	Sulphur Dioxide	ppm	19	<100	IS 11255(Part - 2)
3.	Oxide of Nitrogen	ppm	15	<50	IS 11255(Part - 7)


Remarks:
Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC77532000009031F			
Test Report No.:	URA/20/10/AN-005	Date Of Report:	08/10/2020
Name & Add. Of Industries	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Sampling Method	IS : 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UURL/AIR/SLM/09D	Sound Level Meter	309 DTK 2015	04/07/2020	03/07/2021

Date and Time of Monitoring : 03-10-2020 at (6:00 am to 10:00 pm)

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Direction	Noise Level dB(A)	Permissible Limit CPCB
1.	Within Company Premises	East	63.8	<75 dB(A) Day Time
		West	70.3	
		South	72.4	
		North	65.6	
2.	Within Company Premises	East	58.2	<70 dB(A) Night Time
		West	63.5	
		South	66.9	
		North	57.1	

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.


Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time(10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

Remarks:


Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Nikunj D. Patel
(Chemist)

Authorized By:


Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UURL/AIR/F-18/03

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C. Office, Char Rasta, Vapi-396 195, Gujarat, India.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN:U73100GJ2007PTC051463

TEST REPORT

SOURCE NOISE LEVEL MONITORING REPORT

ULR - TC775320000009032F			
Test Report No.:	URA/20/10/SN-001	Date Of Report:	08/10/2020
Name & Add. Of Industries	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Sampling Method	IS : 4758 : 1968		

➤ Details of Instrument Used for Monitoring.

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UURL/AIR/SLM/09D	Sound Level Meter	309 DTK 2015	04/07/2020	03/07/2021

Date and Time of Monitoring : 06-10-2020at 12:10 Hrs. (Day Time)

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Direction	Noise Level dB(A)	Permissible Limit CPCB
1.	Out Side D. G. Set (250 KVA) (1 meter away from D. G. Set)	East	73.5	<75 dB(A)
		West	73.8	<75 dB(A)
		South	74.1	<75 dB(A)
		North	73.7	<75 dB(A)

Remarks:
Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Nikunj D. Patel
(Chemist)

Authorized By:

Jaivik S. Tandel
(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-19/03

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TEST REPORT (AMBIENT AIR MONITORING)

ULR - TC775321000001588F

Test Report No.	URA/21/01/A-088	Report Issue Date	06/02/2021		
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021		
Sample ID No.	URA/ID/A-21/01/088	Field Data Sheet No.	URA/FDS/A-21/01/088		
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).				
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021		
Sampling Procedure:	CPCB Guideline				
Location of Sampling / Monitoring	Within Company Premises				
Environmental Conditions during Sampling:	Temp.:	Min.: 16 °C	Max.: 30 °C	Avg.: 23 °C	
	Rel. Humidity:	Min.: 32 %	Max.: 84 %	Avg.: 58 %	

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/34	Respirable Dust Sampler	1768-DTB-2013 1147-DTB-2013	02/08/2020	01/08/2021
UERL/AIR/FPS/21	Fine Particulate Sampler	20-DTC-2012	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24
2.	Flow Rate of PM ₁₀	m ³ /min	1.22
3.	Volume of Air Sampled for PM ₁₀	m ³	1756
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.04
5.	Flow Rate for Gas	L/min	0.2
6.	Volume of Air Sample for Gas	L	288

➤ **Environmental Conditions during testing:** Temp.: $25 \pm 5^\circ\text{C}$, Relative Humidity: 40 to 50%

➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit (As per NAAQMS)	Test Method
1.	Particulate Matter. (PM ₁₀)	µg/m ³	89	100	IS - 5182, Part - 23
2.	Particulate Matter. (PM _{2.5})	µg/m ³	33	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide	µg/m ³	16.7	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide	µg/m ³	25.4	80	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Acad.

Ankur R. Patel

(Supervisor)

Page No.: 1 of 1

Authorized By:

Stanley

Jaivik S. Tandel

(Manager - Operations)

UURL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

ULR - TC775321000001589F			
Test Report No.	URA/21/01/W-013	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/W-21/01/013	Field Data Sheet No.:	URA/FDS/W-21/01/013
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021
Location of Sampling / Monitoring	Blending Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254-DTG-2008 3490-DTG-2008	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.23
3.	Volume of Air Sampled	m ³	590

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	2.0	10

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:



Jalvik S. Tandel
(Manager - Operations)
UERL/AIR/F-79/00

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TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

ULR - TC775321000001590F			
Test Report No.	URA/21/01/W-014	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/W-21/01/014	Field Data Sheet No.:	URA/FDS/W-21/01/014
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021
Location of Sampling / Monitoring	Pot Fire Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UURL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.25
3.	Volume of Air Sampled	m ³	600

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	3.1	10

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel
(Manager - Operations)
UURL/AIR/F-79/00

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TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

ULR - TC775321000001591F			
Test Report No.	URA/21/01/W-015	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/W-21/01/015	Field Data Sheet No.:	URA/FDS/W-21/01/015
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021
Location of Sampling / Monitoring	Tableting Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/04	Respirable Dust Sampler	1714-DTE-2010 2681-DTC-2005	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.21
3.	Volume of Air Sampled	m ³	580

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	2.6	10

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel
(Manager - Operations)
UERL/AIR/F-79/00

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**TEST REPORT
(STACK MONITORING)**

ULR - TC775321000001592F			
Test Report No.	URA/21/01/S-146	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/146	Field Data Sheet No.:	URA/FDS/S-21/01/146
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	Baby Boiler (300 kg/hr)		
Air Pollution Control Device	--		
Fuel Used	Natural Gas		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	11
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	101
6.	Exit Gas Velocity	m/s	7.95
7.	Exit Gas Flow	m ³ /h	898

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	21	<150	IS 11255(Part - 1)
2.	Sulphur Dioxide	ppm	N.D.	<100	IS 11255(Part - 2)
3.	Oxide of Nitrogen	ppm	14	<50	IS 11255(Part - 7)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel
(Manager - Operations)
UERL/AIR/F-04/04

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
(STACK MONITORING)

ULR - TC775321000001593F			
Test Report No.	URA/21/01/S-147	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/147	Field Data Sheet No.:	URA/FDS/S-21/01/147
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	Blender		
Air Pollution Control Device	Dust Collector		
Fuel Used	--		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	10
2.	Stack Dia	mm	150
3.	Stack Area	m ²	0.0176
4.	Ambient Temperature	°C	29
5.	Exit Gas Velocity	m/s	10.88
6.	Exit Gas Flow	m ³ /h	689

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	17	<150	IS 11255(Part - 1)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel
(Manager - Operations)
UERL/AIR/F-04/04

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
(STACK MONITORING)

ULR - TC775321000001594F			
Test Report No.	URA/21/01/S-148	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/148	Field Data Sheet No.:	URA/FDS/S-21/01/148
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	Tablet Machine		
Air Pollution Control Device	Dust Collector		
Fuel Used	--		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	10
2.	Stack Dia	mm	150
3.	Stack Area	m ²	0.0176
4.	Ambient Temperature	°C	29
5.	Exit Gas Velocity	m/s	9.47
6.	Exit Gas Flow	m ³ /h	600

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	22	<150	IS 11255(Part - 1)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel
(Manager - Operations)
UERL/AIR/F-04/04

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TEST REPORT
(STACK MONITORING)

ULR - TC775321000001595F			
Test Report No.	URA/21/01/S-149	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/149	Field Data Sheet No.:	URA/FDS/S-21/01/149
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	D. G. Set (250 KVA)		
Air Pollution Control Device	--		
Fuel Used	HSD		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	11
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	250
6.	Exit Gas Velocity	m/s	19.10
7.	Exit Gas Flow	m ³ /h	2159

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	37	<150	IS 11255(Part - 1)
2.	Sulphur Dioxide	ppm	22	<100	IS 11255(Part - 2)
3.	Oxide of Nitrogen	ppm	14	<50	IS 11255(Part - 7)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:



Ankur R. Patel

(Supervisor)

Page No.: 1 of 1

Authorized By:



Jaivik S. Tandel

(Manager - Operations)

UERL/AIR/F-04/04

Note: This report is subject to Terms and Conditions mentioned overleaf.

**TEST REPORT
(STACK MONITORING)**

Test Report No.	URA/21/01/S-SOC240	Report Issue Date:	02/02/2021
Service Request form No.	URA/SRF/01/070	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/240	Field Data Sheet No.:	URA/FDS/S-21/01/240
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	ALP/Zinc Reactor		
Air Pollution Control Device	Scrubbing System		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	30
5.	Exit Velocity	m/s	11.57
6.	Exit Flow	m ³ /h	1307

➤ **Test Parameter Results**


DISCIPLINE - CHEMICAL TESTING			NAME OF GROUP - ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit	Result	Permissible Limit
1.	Phosphorous Pentoxide (as P ₂ O ₅)	mg/Nm ³	6.9	<9

Remarks:

Opinion & Interpretation (if required):


***** End of Report *****

Checked By:


Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:


Jaivik S. Tandel
(Manager - Operations)
UERL/AIR/F-04/04

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC775321000001596F			
Test Report No.:	URA/21/01/AN-067	Date Of Report:	06/02/2021
Name & Add. Of Industries	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Sampling Method	IS : 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09D	Sound Level Meter	309 DTK 2015	04/07/2020	04/07/2021

Date and Time of Monitoring : 30-01-2021

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Direction	Noise Level dB(A)	Permissible Limit CPCB
1.	Within Company Premises	East	66.2	<75 dB(A) Day Time
		West	71.9	
		South	73.5	
		North	62.7	
2.	Within Company Premises	East	61.5	<70 dB(A) Night Time
		West	66.8	
		South	65.2	
		North	55.4	

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time(10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel

(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel

(Manager - Operations)

UERL/AIR/F-18/03

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
SOURCE NOISE LEVEL MONITORING REPORT

ULR - TC775321000001597F			
Test Report No.:	URA/21/01/SN-016	Date Of Report:	06/02/2021
Name & Add. Of Industries	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Sampling Method	IS : 4758 : 1968		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09D	Sound Level Meter	309 DTK 2015	04/07/2020	04/07/2021

Date and Time of Monitoring : 30-01-2021 at 13:50 Hrs. (Day Time)

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Direction	Noise Level dB(A)	Permissible Limit CPCB
1.	Out Side D. G. Set (250 KVA) (1 meter away from D. G. Set)	East	73.2	<75 dB(A)
		West	74.0	<75 dB(A)
		South	73.7	<75 dB(A)
		North	73.5	<75 dB(A)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel

(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel

(Manager - Operations)

UERL/AIR/F-19/03

Note: This report is subject to Terms and Conditions mentioned overleaf.

Annexure-II

- Copy of Health Checkup Reports and Training records.

Ref: SOCPL/APT/2019

Date: 10.09.2019

To,

Mr. Vipul Prajapati

F -103, Anjani Residency
Opp.Iskon Temple,
Jahangirpura, Surat
Gujarat - 395005

Dear Mr. Vipul Prajapati

APPOINTMENT LETTER

With reference to your application and the subsequent interview you had with us we are pleased to appoint you as **"Medical Officer"** in our company with effect from **10th September 2019**.

Your appointment has been made on the following terms and conditions:

1. Initially, you will be based at Vapi plant but in future the management can transfer you to any of its other plant or offices based in Gujarat or Maharashtra or any other place depending upon the work exigency, for which you will not get any additional emoluments from the company.
2. You will be on probation for a period of 6 months at the end of which if your performance is satisfactory and up to the standard required by the company, your appointment will be confirmed in writing.
3. Your emoluments (Pay Package) will be as per Annexure "A".
4. During probation period, either party can terminate the appointment by giving one day (24 hours) notice without assigning any reasons thereof. After confirmation and on successful completion of probation period either party can terminate the appointment by giving two-month notice or one month salary in lieu thereof.
5. During the period of service in employment of our Company, you shall be bound by Rules or Regulations of the Company, which are in force at present and which may be added, modified, amended, altered, changed or replaced from time to time by the Company.
6. If you remain absent without prior written permission of the Management for continuous period of eight days, it shall be deemed that you have voluntarily resigned from the services of the Company on your own accord and you have leave the service without notice to the Management. The management will presume that you have abandoned the employment of your own accord and you shall be liable to pay an amount equivalent to one month's salary in lieu of notice for abandoning the services in such manner.



SANDHYA ORGANIC CHEMICALS PVT. LTD.



Sandhya Group
PHOSPHORUS CHEMISTRY

Admn & : 101, Sangam CHS Ltd., 1st Floor, A Wing, S. V. Road, Santacruz (W), Mumbai - 400054.
Sales Office : Tel.: +91-22-61565555 / 26104202 / 26151500 • Fax : +91-22-26104201
Redg. Office : Unit-1, Plot No. 808/A/2, III Phase, G.I.D.C. Vapi – 396 195. Gujarat, India.
& Factory : Tel.: +91-260-2430875 / 2400235 • Telefax : +91-260-2430875
E-mail : info@sandhya-group.com • Website : www.sandhya-group.com

(An ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Company)

:: 2::

7. Your appointment and continuation of your employment will be subject to your being found medically fit at all the times, and management will have right to get you examined, if they consider it necessary, by any registered medical practitioner of their choice, whose findings shall be final and binding on you.
8. You shall devote full time and energy for the prosperity of the Company, while in the Service of the Company even after duty hours or on off days or on holidays or while on leave or any type, undertake or concern yourself directly or indirectly with any other work or outside duties or any business or profession whether for gain or not.
9. You are liable to be transferred from area or state or to any Associate Company/Group of Companies, Firm/Establishment which exists at present or which may be opened or started henceforth without any compensation or extra remuneration. You are also liable to be transferred outside in any part of the country according to the exigencies of work.
10. You are liable to be terminated from the service of the Company for an act of misconduct with immediate effect depending upon the gravity of the misconduct or behavior without any Notice. The decision is solely at discretion of the management.
11. You shall be responsible for the safe keeping and returning in good order of all the properties such as Tools, Equipments, Instruments, Documents, Papers, Articles, Vehicle/Bike and any other items/things belonging to the Company, which may be in your possession, custody, care or charge. On your service coming to an end for any reason whatsoever, you shall return all the properties of the Company, which are in your possession before the final settlement of your dues.
12. You shall not disclose, divulge or communicate any secret or confidential information of the Company which may have come to your knowledge directly or indirectly as an Employee of our Organization or otherwise to any one whether an Employee of the Company or outsiders while in services of the Company or otherwise unless compelled to do so by Law. If at any time, the Management comes to know that you are divulging the secret of the Organization, your services shall be terminated forthwith without any Notice or Payment in lieu of such Notice besides taking any other action as it may deem fit.
13. Any inventions, improvements, design, research report, conceived by you while in our employment, shall become the Company's exclusive property.
14. You shall always keep the Company informed in writing about the change in your Local or Permanent or Native Place Residential Address within 7 Days from such change. If no written information about the change of your Residential Address is submitted to the Management the Address recorded with us at the time of employing you shall be taken as authentic. Any communication sent to you to the recorded address by Registered A/D. Post shall be deemed to have been properly served on you even if such communication is returned by the Postal Authorities undelivered for any reason whatsoever.

SANDHYA ORGANIC CHEMICALS PVT. LTD.

Admn & : 101, Sangam CHS Ltd., 1st Floor, A Wing, S. V. Road, Santacruz (W), Mumbai - 400054.
Sales Office : **Tel.:** +91-22-61565555 / 26104202 / 26151500 • **Fax** : +91-22-26104201
Redg. Office : Unit-1, Plot No. 808/A/2, III Phase, G.I.D.C. Vapi – 396 195. Gujarat, India.
& Factory : **Tel.:** +91-260-2430875 / 2400235 • **Telefax** : +91-260-2430875
E-mail : info@sandhya-group.com • **Website** : www.sandhya-group.com



(An ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Company)

::3::

15. You will carry out the duties and responsibilities as may be entrusted to you by the Company from time to time honestly, diligently and will be regular, punctual in attendance and look after the interest of the Company in every respect. You shall submit to the instructions of the Officers/Authorities under whom you are placed.
16. You should not work in our competitors Company or any associates or branches and will not retain any copies or extracts there from.

In the event you cease to be an employee of the company for any reason whatsoever, you cannot join our competitor company, as there could be involuntary / inevitable disclosure of technology / knowledge base gained in **Sandhya Organic Chemicals Pvt Ltd or any** of our Group companies immediately from the date of your ceasing to be our employee, failing which you would be liable for legal action by the company.

You will also not disclose directly or indirectly any confidential technology / know how including process, parameter, Specification of Raw Material / Packing Material / Finished Goods, Plant & Machinery, other equipment, data etc. which I came to know during course of my employment in **Sandhya Organic Chemicals Pvt Ltd or any of its Group Companies.**

17. You will not disclose either orally or in writing or in any other form the following information otherwise same shall be treated as breach of contract as well as misconduct.

That during the course of your employment, there may be disclosed to you certain trade secrets of the Company; said trade secrets consisting but not necessarily limited to:

- (a) Technical information: Methods, processes, formulae, compositions, systems, techniques, inventions, machines, computer programs and research projects.
- (b) Business information: Customer lists, pricing data, sources of supply, financial data and marketing, production, or merchandising systems or plans.

18. You shall not disclose or impart during, or at any time after the resignation or termination of your employment with the Company, use for yourself or others, or disclose or divulge to others including future employer / colleague/ friend etc., any trade secrets, confidential information, or any other proprietary data of the Company in violation of this agreement.

19. That upon the resignation or termination of your employment from the Company:

(a) You shall return to the Company all documents and property of the Company, including but not necessarily limited to: drawings, blueprints, reports, manuals, correspondence, customer lists, computer programs, and all other materials and all copies thereof relating in any way to the Company's business, or in any way obtained by you during the course of employment. You shall not retain copies, notes or abstracts of the foregoing

(b) The Company may notify any future or prospective employer or third party of the existence of this agreement, and shall be entitled to full injunctive relief for any-breach.

(c) This agreement shall be binding upon you and your personal representatives and successors in interest, and shall inure to the benefit of the Company, its successors and assigns.

20. You will be responsible for any disclosure or misuse of confidential information and same shall be treated as breach of contract and will be held responsible for any damages directly or indirectly incurred by the company.

21. You will automatically retire on attaining the age of Fifty Eight years or earlier if found medically unfit, subject to your confirmation in the services of the Company. The management reserves right to extend your service if found medically fit and depend upon business exigencies.

22. This Appointment letter & any other dispute arising between the either parties or any other party interested in the matter, is subject to Pardi (Gujarat) jurisdiction only.

You are requested to return the enclosed copy of this Letter of Appointment duly signed as a token of your acceptance of the Terms and Conditions of your employment.

We have pleasure in welcoming you to our organization and look forward to a long and mutually beneficial association. We hope that this will be the beginning of a long and successful career with us.

Yours faithfully,

For Sandhya Organic Chemicals Pvt Ltd

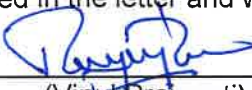
Sandhya K Koli

Sandhyaben Koli
Director

Acceptance of letter

I have gone through the appointment letter and understood its content. Further, I accept the above terms and conditions contained in the letter and will agree to abide the same.

Signature and date :


(Vipul Prajapati)

Sulex

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 3 **Dt:** 31-Dec-2020
Name : DINESH RAMESHBHAI BARI **Emp. Code :** 3
Department : Production **Age :** 49 **yrs** **Sex :** Male

Present Complaints : Nil

Personal History : Nothing particular

Family History : Nothing particular

Habits : Nil

Allergy : Not known

Occupational exposure : Fumes, manual handdling

Height : 163 cms. Chest : 80/86 cms. Waist : 81 cms. BMI : 21.98 (Normal-19 to 25)
Weight : 58.4 Kgs. (normal / expanded) Hip : 91 cms. Waist/Hip : 0.89 (N. upto 0.95)
Lymphnodes : Not palpable Vericose veins : Absent
Oral hygiene : Good

Vision : R L
Near : N/6 N/6 Colour vision : Normal
Far : 6/6 6/6 Glasses : Yes

Cardio-vascular system:

Pulse : 72 per min. B.P.: 110/80 mm of Hg. Heart sounds : Normal
Others : Nil

Respiratory system:

Respiratory sounds : Normal Others : Nil

Alimentary system:

Tanderness : Absent

Liver : Not palpable Spleen : Not palpable Hernia: Absent

Central nervous system :

Reflexes : Normal Jerks : Normal Others : Nil
Orientation to time / Place / Person / Cerebellar sign: NAD

Musculo-skeletal system :

Physical deformity : Nil Tanderness : Absent

Ear-nose throat : NAD

Genito-urinary system : NAD Hydrocele : Absent

Skin : Normal

Other Findings :

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTD. Sr.No.: 3 Dt: 31-Dec-2020
Name : DINESH RAMESHBHAI BARI Emp. Code : 3
Department : Production Age : 49 yrs Sex : Male

LABORATORY INVESTIGATIONS

Haematology	Patient's value		Reference Range
Total R.B.C. Count :	4.95	mil/c.mm	4-5.5 mil/c.mm
Haemoglobin :	14.2	gm%	13-16gm% (M) 12-14gm% (F)
Total W.B.C. Count :	6000	/c.mm	5000-10000/c.mm
Differential count			
Neutrophils :	47	%	55 - 70 %
Eosinohils :	05	%	0 - 4 %
Lymphocytes :	46	%	20 - 40 %
Monocytes :	02	%	2 - 6 %
Basophils :	00	%	0 - 1 %
ESR :		mm	
Platelets :	305000	/cmm	Blood Group : O Positive

Urine Examination

Physical examination

Colour :	Pale yellow	Quantity received :	10 ml.
Appearance :	Clear	Specific gravity :	Q.N.S.
Sediments :	Absent		

Chemical Examination

Albumin :	Absent	Reaction :	Acidic
Sugar :	Absent	Bile salts :	Absent
Ketone bodies :	Absent	Bile pigments :	Absent
		Urobilinogen :	Normal

Microscopic Examination

Epithelial cells :	0-1/ H. P. F.	Casts :	Absent
Pus cells :	1-2/ H. P. F.	Crystals :	Absent
Red blood cells :	0-1/ H. P. F.	Amorohours deposits :	Absent
Parasites :	Absent		

Other Test : Blood sugar (R): 95 mg% S.Cholesterol: 130 mg/dl S.Cholinesterase: 8280 IU/L

Foram
FORAM LABORATORY
108, A, Ratnagiri Plaza,
First Gate, Atul-396 020, Valsad.

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 3 **Dt:** 31-Dec-2020
Name : DINESH RAMESHBHAI BARI **Emp. Code :** 3
Department : Production **Age :** 49 **yrs** **Sex :** Male

X-Ray : Not done

Audiometry : Not done

Pulmonary Function Test : Normal spirometry

ECG : Not done

Observations Nil

Occupational Disease : Nil

Employee is free from any contagious diseases and is fit to work in plant / office.

Advise : Nil

DR. KETAN S. DESAI
M.B.B.S., A.F.I.H.

OCCUFITT

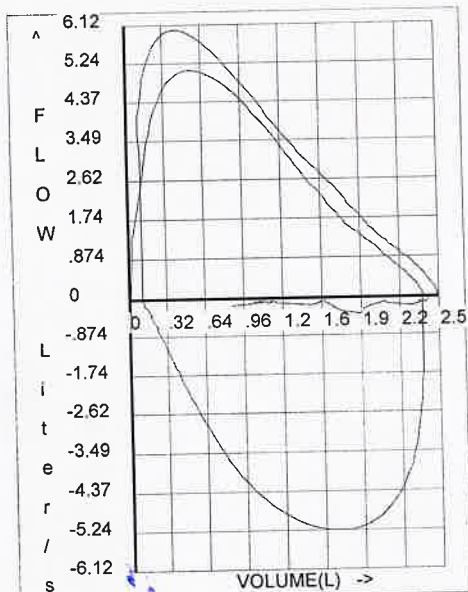
ATUL, VALSAD
Ph: 9825947525

FVC TEST REPORT

ID No. : 8259
Patient Name : DINESH BARI
Age(yrs.) : 49 Sex: M Weight(Kg): 58
Indications :
Comments :

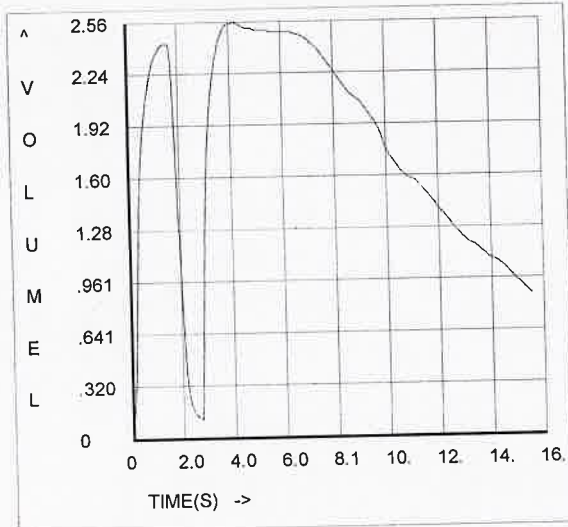
Report Date: 22-01-2021
Eth. Corr.(%): 80
Height(cm): 162 BSA(m²): 1.61

Flow / Volume Graph



FVC GRAPHS

Volume / Time Graph



TEST RESULTS

Date of Test ->	31/12/2020		
Time of Test ->	09:49:18		
Parameter (U)	Pred.	Pre	%Pred.
FVC (L)	2.994	2.565	85.67
FEV0.5 (L)		1.647	
FEV0.5/FVC (%)		64.21	
FEV1 (L)	2.246	2.282	101.5
FEV1/FVC (%)	75.02	88.94	118.5
FEV6 (L)		0	
FEV1/FEV6		0	
FEV6/FVC (%)		0	
FET100% (s)		4.35	
FEV3 (L)		0	
FEV3/FVC (%)		0	
PEF (L/s)	7.899	6.121	77.49
FEF0.2-1.2 (L/s)		4.547	
FEF25% (L/s)		5.131	
FEF50% (L/s)		3.78	
FEF75% (L/s)		1.44	
FEF25-75% (L/s)		3.112	
FEF75-85% (L/s)		1.131	
MET (s)		0	
FIVC (L)		2.430	
FIV0.5 (L)		2.241	
IV0.5/FIVC (%)		92.22	
FIV1 (L)		2.443	
FIV1/FIVC (%)		100.5	
FIV3 (L)		0	
FIV3/FIVC (%)		0	
PIFR (L/s)		5.311	
FIF0.2-1.2 (L/s)		5.060	
FIF50% (L/s)		4.860	
FIF25-75% (L/s)		3.401	
IT (s)		1.14	
Est. Lung Age (Yrs.)		47.33	

INTERPRETATION: Normal Spirometry
This may be clinically co - related.

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 19 **Dt:** 31-Dec-2020
Name : BHAVESH PATEL **Emp. Code :** 19
Department : Quality Control **Age :** 29 **yrs** **Sex :** Male

Present Complaints : Nil

Personal History : Nothing particular
Family History : Nothing particular
Habits : Nil
Allergy : Not known

Occupational exposure : Lab chemicals/Posture

Height : 159 cms. Chest : 80/86 cms. Waist : 84 cms. BMI : 22.19 (Normal-19 to 25)
Weight : 56.1 Kgs. (normal / expanded) Hip : 91 cms. Waist/Hip : 0.92 (N. upto 0.95)
Lymphnodes : Not palpable Vericose veins : Absent
Oral hygiene : Good

Vision : R L
Near : N/6 N/6 Colour vision : Normal
Far : 6/6 6/6 Glasses : No

Cardio-vascular system:

Pulse : 72 per min. B.P.: 120/80 mm of Hg. Heart sounds : Normal
Others : Nil

Respiratory system:

Respiratory sounds : Normal Others : Nil

Alimentary system:

Tanderness : Absent
Liver : Not palpable Spleen : Not palpable Hernia: Absent

Central nervous system :

Reflexes : Normal Jerks : Normal Others : Nil
Orientation to time / Place / Person / Cerebellar sign: NAD

Musculo-skeletal system :

Physical deformity : Nil Tanderness : Absent

Ear-nose throat : NAD

Genito-urinary system : NAD Hydrocele : Absent

Skin : Normal

Other Findings :

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 19 **Dt:** 31-Dec-2020
Name : BHAVESH PATEL **Emp. Code :** 19
Department : Quality Control **Age :** 29 yrs **Sex :** Male

LABORATORY INVESTIGATIONS

Haematology	Patient's value	Reference Range
Total R.B.C. Count :	6.81 mil/c.mm	4-5.5 mil/c.mm
Haemoglobin :	20.1 gm%	13-16gm% (M) 12-14gm% (F)
Total W.B.C. Count :	7400 /c.mm	5000-10000/c.mm

Differential count

Neutrophils :	54 %	55 - 70 %
Eosinohils :	06 %	0 - 4 %
Lymphocytes :	39 %	20 - 40 %
Monocytes :	01 %	2 - 6 %
Basophils :	00 %	0 - 1 %

ESR : mm

Platelets : 257000 /cmm

Blood Group : A Positive

Urine Examination

Physical examination

Colour : Pale yellow
Appearance : Clear
Sediments : Absent

Quantity received : 10 ml.
Specific gravity : Q.N.S.

Chemical Examination

Albumin : Absent
Sugar : Absent
Ketone bodies : Absent

Reaction : Acidic
Bile salts : Absent
Bile pigments : Absent
Urobilinogen : Normal

Microscopic Examination

Epithelial cells : 0-1/ H. P. F.
Pus cells : 0-1/ H. P. F.
Red blood cells : Absent
Parasites : Absent

Casts : Absent
Crystals : Absent
Amorohours deposits : Absent

Other Test :

Blood sugar (R): 95 mg% S.Cholesterol: 135 mg/dl S.Cholinesterase: 5510 IU/L

FORAM LABORATORY
108, A, Ratnagiri Plaza,
First Gate, Atul-396 020. Valsad.

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 19 **Dt:** 31-Dec-2020
Name : BHAVESH PATEL **Emp. Code :** 19
Department : Quality Control **Age :** 29 **yrs** **Sex :** Male

X-Ray : Not done

Audiometry : Not done

Pulmonary Function Test : Normal spirometry

ECG : Not done

Observations Nil

Occupational Disease : Nil

Employee is free from any contagious diseases and is fit to work in plant / office.

Advise : Nil

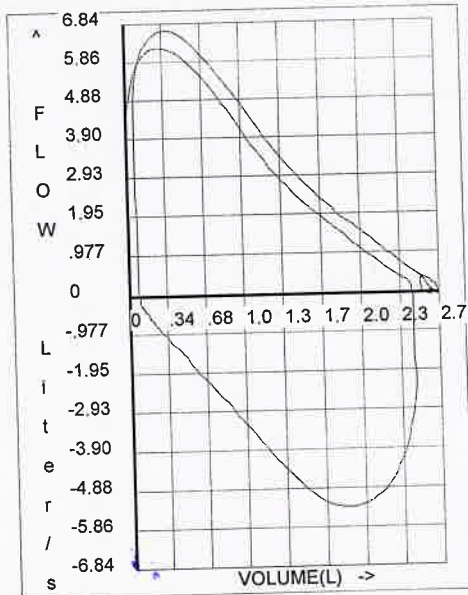
DR. KETAN S. DESAI
M.B.B.S., A.F.I.H.

OCCUFITTATUL, VALSAD
Ph: 9825947525**FVC TEST REPORT**ID No. : 8278
Patient Name : BHAVESH PATEL
Age(yrs.) : 29 Sex: M
Indications :
Comments :

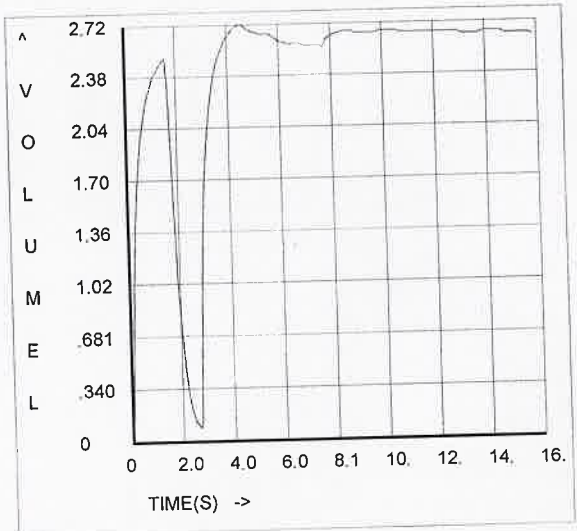
Weight(Kg): 56

Report Date: 22-01-2021
Eth. Corr.(%): 80
Height(cm): 159 BSA(m²): 1.57

Flow / Volume Graph

**FVC GRAPHS**

Volume / Time Graph

**TEST RESULTS**

Date of Test ->	31/12/2020		
Time of Test ->	10:38:04		
Parameter (U)	Pred.	Pre	%Pred.
FVC (L)	3.115	2.727	87.54
FEV0.5 (L)		1.796	
FEV0.5/FVC (%)		65.84	
FEV1 (L)	2.551	2.322	91.00
FEV1/FVC (%)	81.90	85.14	103.9
FEV6 (L)		0	
FEV1/FEV6		0	
FEV6/FVC (%)		0	
FET100% (s)		4.66	
FEV3 (L)		0	
FEV3/FVC (%)		0	
PEF (L/s)	8.386	6.841	81.57
FEF0.2-1.2 (L/s)		5.514	
FEF25% (L/s)		6.031	
FEF50% (L/s)		3.06	
FEF75% (L/s)		1.17	
FEF25-75% (L/s)		2.622	
FEF75-85% (L/s)		0.787	
MET (s)		0.07	
FIVC (L)		2.605	
FIV0.5 (L)		2.254	
IV0.5/FIVC (%)		86.52	
FIV1 (L)		2.632	
FIV1/FIVC (%)		101.0	
FIV3 (L)		0	
FIV3/FIVC (%)		0	
PIFR (L/s)		5.401	
FIF0.2-1.2 (L/s)		5.100	
FIF50% (L/s)		4.050	
FIF25-75% (L/s)		1.920	
IT (s)		1.2	
Est. Lung Age (Yrs.)		39.81	

INTERPRETATION: Normal Spirometry
This may be clinically co - related.

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTD. Sr.No.: 10 Dt: 31-Dec-2020
Name : VINOD KHEDARU RAM Emp. Code : 10
Department : Production Age : 51 yrs Sex : Male

Present Complaints : Nil

Personal History : Under treatment for Hypertension. Dengue fever - jan' 18.

Family History : Nothing particular

Habits : Nil

Allergy : Not known

Occupational exposure : Fumes, manual handling

Height : 166 cms. Chest : 83/88 cms. Waist : 87 cms. BMI : 24.93 (Normal-19 to 25)
(normal / expanded)
Weight : 68.7 Kgs. Hip : 98 cms. Waist/Hip : 0.89 (N. upto 0.95)
Lymphnodes : Not palpable Vericose veins : Absent
Oral hygiene : Good

Vision : R L
Near : N/6 N/6 Colour vision : Normal
Far : 6/6 6/6 Glasses : Yes

Cardio-vascular system:

Pulse : 82 per min. B.P.: 150/80 mm of Hg. Heart sounds : Normal
Others : Nil

Respiratory system:

Respiratory sounds : Normal Others : Nil

Alimentary system:

Tanderness : Absent

Liver : Not palpable Spleen : Not palpable Hernia: Absent

Central nervous system :

Reflexes : Normal Jerks : Normal Others : Nil
Orientation to time / Place / Person / Cerebellar sign: NAD

Musculo-skeletal system :

Physical deformity : Nil Tanderness : Absent

Ear-nose throat : NAD

Genito-urinary system : NAD Hydrocele : Absent

Skin : Normal

Other Findings :

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 10 **Dt:** 31-Dec-2020
Name : VINOD KHEDARU RAM **Emp. Code :** 10
Department : Production **Age :** 51 **yrs** **Sex :** Male

LABORATORY INVESTIGATIONS

Haematology	Patient's value	Reference Range
Total R.B.C. Count :	4.75 mil/c.mm	4-5.5 mil/c.mm
Haemoglobin :	13.8 gm%	13-16gm% (M) 12-14gm% (F)
Total W.B.C. Count :	9300 /c.mm	5000-10000/c.mm
Differential count		
Neutrophils :	50 %	55 - 70 %
Eosinohils :	04 %	0 - 4 %
Lymphocytes :	45 %	20 - 40 %
Monocytes :	01 %	2 - 6 %
Basophils :	00 %	0 - 1 %
ESR :	mm	
Platelets :	179000 /cmm	Blood Group : B Positive

Urine Examination

Physical examination

Colour : Pale yellow **Quantity received :** 10 ml.
Appearance : Clear **Specific gravity :** Q.N.S.
Sediments : Absent

Chemical Examination

Albumin : Absent **Reaction :** Acidic
Sugar : Absent **Bile salts :** Absent
Ketone bodies : Absent **Bile pigments :** Absent
Urobilinogen : Normal

Microscopic Examination

Epithelial cells : 1-2/ H. P. F. **Casts :** Absent
Pus cells : 1-2/ H. P. F. **Crystals :** Absent
Red blood cells : Absent **Amorohours deposits :** Absent
Parasites : Absent

Other Test : Blood sugar (R): 102 mg% S.Cholesterol: 129 mg/dl S.Cholinesterase: 4310 IU/L

Dr. Ketan S. Desai
FORAM LABORATORY
108, A, Ratnagiri Plaza,
First Gate, Atul-396 020. Valsad

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 10 **Dt:** 31-Dec-2020
Name : VINOD KHEDARU RAM **Emp. Code :** 10
Department : Production **Age :** 51 **yrs** **Sex :** Male

X-Ray : Not done

Audiometry : Not done

Pulmonary Function Test : Normal spirometry

ECG : Not done

Observations Nil

Occupational Disease : Nil

Employee is free from any contagious diseases and is fit to work in plant / office.

Advise : Nil

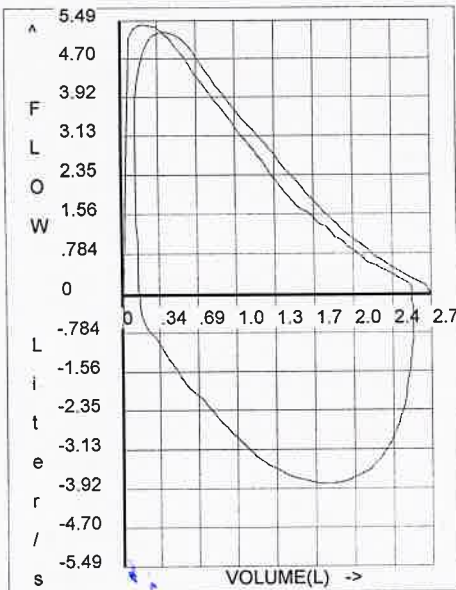
DR. KETAN S. DESAI
M.B.B.S., A.F.I.H.

OCCUFITTATUL, VALSAD
Ph: 9825947525**FVC TEST REPORT**

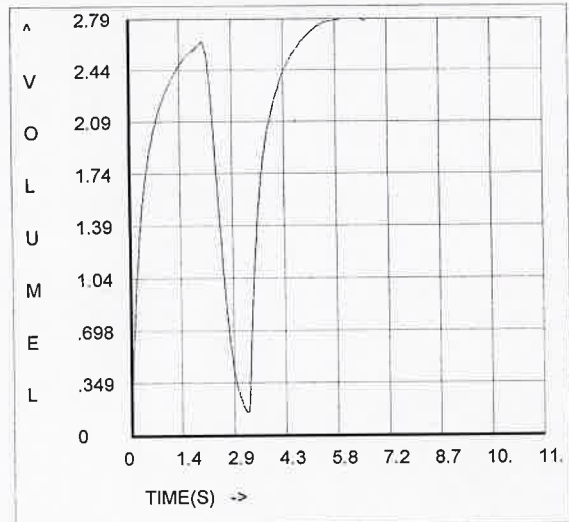
ID No. : 8262
Patient Name : VINOD KHEDURAM
Age(yrs.) : 51 Sex:M Weight(Kg): 68
Indications :
Comments :

Report Date: 22-01-2021
Eth. Corr.(%): 80
Height(cm): 167 BSA(m²): 1.76

Flow / Volume Graph

**FVC GRAPHS**

Volume / Time Graph

**TEST RESULTS**

Date of Test ->	31/12/2020		
Time of Test ->	10:09:51		
Parameter (U)	Pred.	Pre	%Pred.
FVC (L)	3.218	2.795	86.85
FEV0.5 (L)		1.755	
FEV0.5/FVC (%)		62.80	
FEV1 (L)	2.402	2.268	94.42
FEV1/FVC (%)	74.63	81.15	108.7
FEV6 (L)		0	
FEV1/FEV6		0	
FEV6/FVC (%)		0	
FET100% (s)		6.62	
FEV3 (L)		0	
FEV3/FVC (%)		0	
PEF (L/s)	8.182	5.491	67.11
FEF0.2-1.2 (L/s)		4.331	
FEF25% (L/s)		4.77	
FEF50% (L/s)		2.52	
FEF75% (L/s)		0.9	
FEF25-75% (L/s)		2.038	
FEF75-85% (L/s)		0.630	
MET (s)		0.08	
FIVC (L)		2.605	
FIV0.5 (L)		1.836	
IV0.5/FIVC (%)		70.46	
FIV1 (L)		2.619	
FIV1/FIVC (%)		100.5	
FIV3 (L)		0	
FIV3/FIVC (%)		0	
PIFR (L/s)		3.87	
FIF0.2-1.2 (L/s)		3.638	
FIF50% (L/s)		3.420	
FIF25-75% (L/s)		2.384	
IT (s)		1.24	
Est. Lung Age (Yrs.)		57.30	

INTERPRETATION: ESA Obs

This may be clinically co - related.

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 101 **Dt:** 31-Dec-2020
Name : KIRMANI JIVLABHAI PATEL **Emp. Code :** 101
Department : Production **Age :** 33 **Sex :** Male

Present Complaints : Nil

Personal History : Nothing particular
Family History : Nothing particular
Habits : Nil
Allergy : Not known

Occupational exposure : Fumes, manual handdling

Height : 158 cms. Chest : 80/85 cms. Waist : 76 cms. BMI : 20.83 (Normal-19 to 25)
Weight : 52.0 Kgs. (normal / expanded) Hip : 87 cms. Waist/Hip : 0.87 (N. upto 0.95)
Lymphnodes : Not palpable Vericose veins : Absent
Oral hygiene : Good

Vision : R L
Near : N/6 N/6 Colour vision : Normal
Far : 6/6 6/6 Glasses : No

Cardio-vascular system:

Pulse : 72 per min. B.P.: 100/80 mm of Hg. Heart sounds : Normal
Others : Nil

Respiratory system:

Respiratory sounds : Normal Others : Nil

Alimentary system:

Tanderness : Absent
Liver : Not palpable Spleen : Not palpable Hernia: Absent

Central nervous system :

Reflexes : Normal Jerks : Normal Others : Nil
Orientation to time / Place / Person / Cerebellar sign: NAD

Musculo-skeletal system :

Physical deformity : Nil Tanderness : Absent

Ear-nose throat : NAD

Genito-urinary system : NAD Hydrocele : Absent

Skin : Normal

Other Findings :

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 101 **Dt:** 31-Dec-2020
Name : KIRMANI JIVLABHAI PATEL **Emp. Code:** 101
Department : Production **Age:** 33 **Sex:** Male

LABORATORY INVESTIGATIONS

LABORATORY INVESTIGATION

	Patient's value		Reference Range
Haematology			
Total R.B.C. Count :	4.90	mil/c.mm	4-5.5 mil/c.mm
Haemoglobin :	13.8	gm%	13-16gm% (M) 12-14gm% (F)
Total W.B.C. Count :	9200	/c.mm	5000-10000/c.mm
Differential count			
Neutrophils :	53	%	55 - 70 %
Eosinohils :	03	%	0 - 4 %
Lymphocytes :	42	%	20 - 40 %
Monocytes :	02	%	2 - 6 %
Basophils :	00	%	0 - 1 %
ESR :	mm		
Platelets :	285000	/cmm	
			Blood Group : A Positive

Urine Examination

Physical examination

Colour : Pale yellow
Appearance : Clear
Sediments : Absent

Quantity received : 10 ml.
Specific gravity : Q.N.S.

Chemical Examination

Albumin : Absent
Sugar : Absent
Ketone bodies : Absent

Reaction : Acidic
Bile salts : Absent
Bile pigments : Absent
Urobilinogen : Normal

Microscopic Examination

Epithelial cells : 7-8/ H. P. F.
Pus cells : 3-4/ H. P. F.
Red blood cells : 0-1/ H. P. F.
Parasites : Absent

Casts : Absent
Crystals : Occ. Ca. oxalate
Amorohours deposits : Absent

Other Test :

Blood sugar (R): 120 mg% **S.Cholesterol:** 132 mg/dl **S.Cholinesterase:** 7715 IU/L

FORAM LABORATORY
108, A, Ratnagiri Plaza,
First Gate, Atul-396 020. Page 2 of 3

MEDICAL CHECKUP REPORT

Name of Industry : SANDHYA ORGANIC CHEMICALS PVT. LTI **Sr.No.:** 101 **Dt:** 31-Dec-2020
Name : KIRMANI JIVLABHAI PATEL **Emp. Code :** 101
Department : Production **Age :** 33 **yrs** **Sex :** Male

X-Ray : Not done

Audiometry : Not done

Pulmonary Function Test : Normal spirometry

ECG : Not done

Observations Nil

Occupational Disease : Nil

Employee is free from any contagious diseases and is fit to work in plant / office.

Advise : Nil

DR. KETAN S. DESAI
M.B.B.S., A.F.I.H.

OCCUFITT

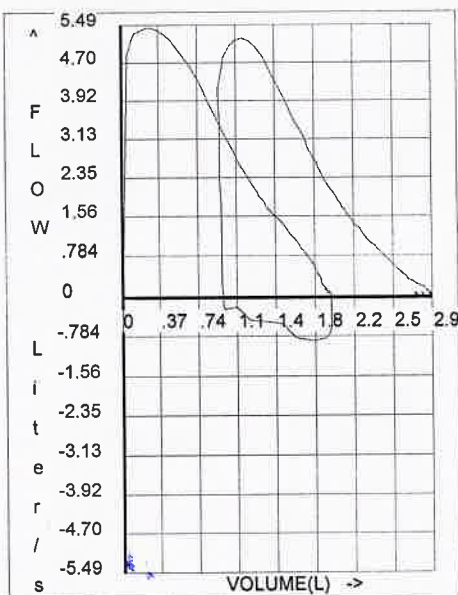
ATUL, VALSAD
Ph: 9825947525

FVC TEST REPORT

ID No. : 8362
Patient Name : KIRMANI J PATEL
Age(yrs.) : 33 Sex:M
Indications :
Comments :

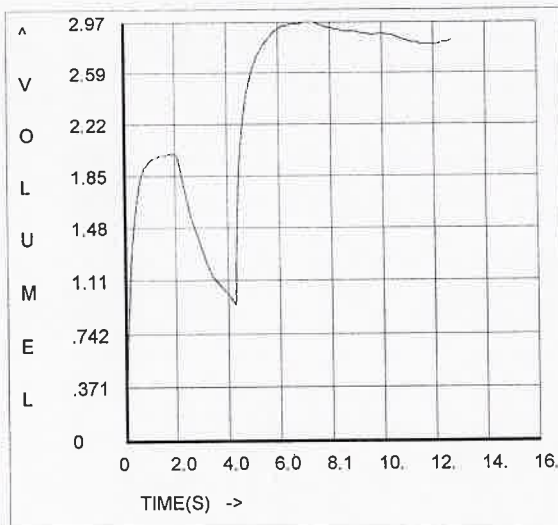
Report Date: 22-01-2021
Eth. Corr.(%): 80
Height(cm): 158 BSA(m²): 1.51
Weight(Kg): 52

Flow / Volume Graph



FVC GRAPHS

Volume / Time Graph



TEST RESULTS

Date of Test ->	31/12/2020		
Time of Test ->	15:39:30		
Parameter (U)	Pred.	Pre	%Pred.
FVC (L)	3.011	2.97	98.63
FEV0.5 (L)		1.647	
FEV0.5/FVC (%)		55.45	
FEV1 (L)	2.427	1.958	80.66
FEV1/FVC (%)	80.62	65.90	81.75
FEV6 (L)		0	
FEV1/FEV6		0	
FEV6/FVC (%)		0	
FET100% (s)		7.6	
FEV3 (L)		0	
FEV3/FVC (%)		0	
PEF (L/s)	8.176	5.491	67.15
FEF0.2-1.2 (L/s)		4.380	
FEF25% (L/s)		5.041	
FEF50% (L/s)		1.71	
FEF75% (L/s)		1.71	
FEF25-75% (L/s)		0.838	
FEF75-85% (L/s)		0	
MET (s)		0.1	
FIVC (L)		1.971	
FIV0.5 (L)		1.431	
FIV0.5/FIVC (%)		72.60	
FIV1 (L)		1.701	
FIV1/FIVC (%)		86.30	
FIV3 (L)		0	
FIV3/FIVC (%)		0	
PIFR (L/s)		0.9	
FIF0.2-1.2 (L/s)		1.878	
FIF50% (L/s)		-0.81	
FIF25-75% (L/s)		-0.07	
IT (s)		2.28	
Est. Lung Age (Yrs.)		55.14	

INTERPRETATION: ESA Obs

This may be clinically co - related.

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

(Format No : HRD/6.2.2/02 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: Induction - Emergency Awareness

Training Date: - 28 / 10 / 2020

Trainer: Narendra B. Patil

Training Time: - 8:20 To 8:35 AM

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Mahendra Kumar	महेंद्र कुमार	02	2/11/20	
2	Raju Kr.	राजू	02		
3	Rakesh	राकेश	01		
4	Pranod	प्रमोद	03		
5	Chandana Kr.	चन्दन कुमार	02		
6	Pawan Kr.	पवन कुमार	02		
7	Shubham	शुभम	02		
8	Vinay	विनाय	02		
9	Om Prakash	ओम प्रकाश	01		

Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

(Format No : F/HRD/03 - Rev no : 00 - Issue date : 01/01/18)

Subject of Training: First Aid

Training Date: - 08/03/2021

Trainer: Dr. Dharmesh M. Upadhyay

Training Time: - 03:00 PM

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer	Signature of Trainer
1	Kiran Sam					
2	Chirag Chotaliya					
3	शमीकमर					
4	Chaudhary bhance. Sangeet					
5	Ajay Kumar Roy					
6	CHINNU					
7	Bipin					
8	पुष्प					
9	सुनिल लाल डी. चौधरी					
10	SHARMAN S RATEL					
11	B.V. Kellin					
12						

Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

(Format No : F/HRD/03 - Rev no : 00 - Issue date : 01/01/18)

Subject of Training: General safety Rules (Induction)
Training

Training Date: - 16/02/2021

Trainer: Narendra B. Patil

Training Time: - 8:25AM to
8:40AM

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer	Signature of Trainer
1	Abhishek	अभिषेक				
2	Achhelal	अच्छेलाल				
3	Ajay	अजय				
4	Bachhelal	बच्चेलाल				
5	AKASH	AKASH				
6	Sandeep	Sandeep				
7	Yogesh	योगेश				
8						
9						
10						
11						
12						

 Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

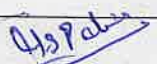

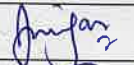




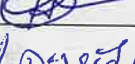

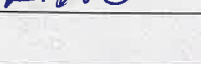
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Subject of Training: Work Permit system

Training Date: - 17 / 01 / 2021

Trainer: Narendra B. Patil

Training Time: - 12:30 To 13:15

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
	Mr. Hiren Patel		3	1	
	Mr. Umesh Jain		2		
	Mr. Hrishikesh		3		
	Mr. Bhavin Rana		3		
	Mr. Sunil Wapkar		3		
	Mr. Pasimal Nuyaku		2		
	Mr. Jagdish Nikam		3		
	Mr. Abhishek Jaiswal		3		
	Mr. Liladhar Vidhale		2		
	Mr. Hemi Patel		2		

Mr. Bijay Kr. Shetty - 

Mr. Narendra Patil - 

Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

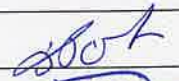



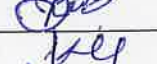






(Format No : HRD/6.2.2/02 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: On site Emergency Plan/Emergency Response

Training Date: - 25 / 11 /2020

Trainer: Mr. Bhau Pathak

Training Time: - 16:00 To

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Pasimal Nykg		3		
2	Henri Patel		3		
3	Narendra Patel		3		
4	Bhavin Rana		3		
5	Kishor Prajapati		3		
6	mayur patel		3		
7	Hiren Patel		3		
8	Sunil Patel		4		
9	Vinod Ram		3		
10	Ram Kr. Das		3		
11	maresh patel		2		

Signature of Trainer



SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

(Format No : HRD/6.2.2/02 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: *ONsite Emergency Plan/Emergency Response*

Training Date: - *25 / 11 / 2020*

Trainer: *Mr. Bhauvik Pathak*

Training Time: - *16:00* To

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
12	<i>Umesh Jain</i>	<i>[Signature]</i>	<i>3</i>		
13	<i>Vikas Gupta</i>	<i>[Signature]</i>	<i>3</i>		
14	<i>Mr. Bijay Kr. Shetty</i>		<i>4</i>		
15	<i>Liladhar V.</i>	<i>[Signature]</i>	<i>4</i>		
16	<i>Bunf</i>	<i>[Signature]</i>	<i>3</i>		
17					
18					
19					
20					
21					
22					

Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

(Format No : HRD/6.2.2/02 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: Personal protective equipment
(mask, Bubble Hood, shoes)

Training Date: - 03/11/2020

Trainer: Narendra B. Patil

Training Time: - 8:10 To 8:25 AM

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Rajul		3		
2	Vinay	विनाय	3		
3	Pawan Kr.	पवन कुमार	3		
4	Chandan Kr.	चंदन कुमार	2		
5	Satish	सतीश कुमार	3		
6	Indra Kr.	इंद्र कुमार	3		
7	Omprakash	ओमप्रकाश	2		
* 8	Nitul	Nitul	3		
9	Arun	Arun	3		
10	Birendra	Birendra	3		
11	Mahendra Kr.	महेंद्र	3		



Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation


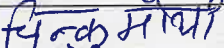
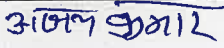



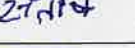



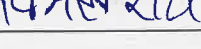

(Format No : HRD/6.2.2/02 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: Personal protective equipment (PPE)
(Bubble Hood, mask)

Training Date: - 31 / 10 / 2020

Trainer: Narendra Patel

Training Time: - 9:00 To 9:15

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	Sameer		3	2/11/20	
2	chintu morya		4	2/11/20	
3	Ajay Kr.		4		
4	Vijayam		3		
5	Sanjosh		2		
6	lalit		2		
7	Rohit Vimeel		1		



Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

(Format No : HRD/6.2.2/02 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: *MSDS & PPE safety*

Training Date: - *19 / 10 / 2020*

Trainer: *B.V. Patel*

Training Time: - *17:00 To 19:00*

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1	<i>Jaiswar Abhishek</i>	<i>[Signature]</i>	<i>3</i>		
2	<i>Vinod Ram</i>	<i>[Signature]</i>	<i>3</i>		
3	<i>Hemil Patel</i>	<i>[Signature]</i>	<i>2</i>		
4	<i>Pal Rakesh</i>	<i>[Signature]</i>	<i>3</i>		
5	<i>Pranjal</i>	<i>[Signature]</i>	<i>4</i>		
6	<i>Hiren Prajapati</i>	<i>[Signature]</i>	<i>3</i>		
7	<i>Kiran Sonu</i>	<i>[Signature]</i>	<i>4</i>		
8	<i>Narender B. Patel</i>	<i>[Signature]</i>	<i>3</i>		
9	<i>Vinod B. Patel</i>	<i>[Signature]</i>	<i>3</i>		
10	<i>Bharin Rana</i>	<i>[Signature]</i>	<i>3</i>		
11	<i>Sunil G Vankar</i>	<i>[Signature]</i>	<i>3</i>		

[Signature]
Signature of Trainer

SANDHYA ORGANIC CHEMICALS PVT.LTD.

Training Record and Evaluation

(Format No : HRD/6.2.2/02 - Rev no : 00 - Issue date : 01/01/20)

Subject of Training: Awareness on Emergency & mock drill

Training Date: - 16 / 10 / 2020

Trainer: Narendra B. Patel

Training Time: - 8:10 To 8:25

Sr. no	Name of Trainee	Signature of Trainee	Effectiveness of training / rating	Evaluation Date	Remarks by Trainer
1)	chhotu shalku	Saliku	2		
2)	sanjay shah	Suhdali	2		
3)	monoj murmu	Manoj	2		
4)	Baij Nath	205	3		
5)	Ram Kr Das	Ram	3		
6)	mahesh patel	maresh	3		
7)	sanjay singh	Sanjay	2		
8)	prakash singh	Prakash	3		
9)	shiv	Shiv	3		
10)	Amit	Amit	2		
11)	Ketan	K. S. Nayak	2		

Signature of Trainer

Annexure-III

➤ Green Belt Photos

Greenbelt Photos



Annexure – 4



Annexure-IV

➤ CER Activity Details

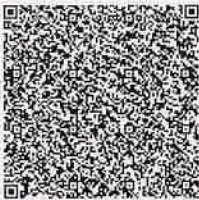




सत्यमेव जयते

INDIA NON JUDICIAL
Government of Gujarat
Certificate of Stamp Duty

Certificate No. : IN-GJ36619278844783T
Certificate Issued Date : 30-Mar-2021 02:41 PM
Account Reference : IMPACC (SV)/ gj13077404/ VAPI/ GJ-VL
Unique Doc. Reference : SUBIN-GJGJ1307740409256849932579T
Purchased by : ROTARY FOUNDATION FOR EDUCATION AND
LEAENING
Description of Document : Article 18 Certificate or Other Document
Description : M O U
Consideration Price (Rs.) : 0
(Zero)
First Party : SANDHYA ORGANIC CHEMICALS PVT LTD
Second Party : ROTARY FOUNDATION FOR EDUCATION AND
LEAENING
Stamp Duty Paid By : ROTARY FOUNDATION FOR EDUCATION AND
LEAENING
Stamp Duty Amount(Rs.) : 200
(Two Hundred only)



LB0015713177

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

INDIA NON JUDICIAL
Government of Gujarat

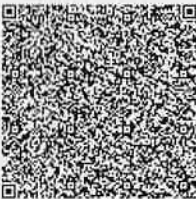


सत्यमेव जयते

Rs.
100

Certificate of Stamp Duty

Certificate No. : IN-GJ35287763590006T
Certificate Issued Date : 26-Mar-2021 01:00 PM
Account Reference : IMPACC (SV)/ gj13077404/ VAPI/ GJ-VL
Unique Doc. Reference : SUBIN-GJGJ1307740406621760805651T
Purchased by : ROTARY FOUNDATION FOR EDUCATION AND LEAENING
Description of Document : Article 18 Certificate or Other Document
Description : M O U
Consideration Price (Rs.) : 0
(Zero)
First Party : SANDHYA ORGANIC CHEMICALS PVT LTD
Second Party : ROTARY FOUNDATION FOR EDUCATION AND LEAENING
Stamp Duty Paid By : ROTARY FOUNDATION FOR EDUCATION AND LEAENING
Stamp Duty Amount(Rs.) : 100
(One Hundred only)



LB 0015713053

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shallestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of this certificate.
3. In case of any discrepancy please inform the Competent Authority.

MEMORANDUM OF UNDERSTANDING

This Memorandum of Undertaking (MOU) is made on this 26th day of March 2021

BETWEEN

Sandhya Organic Chemicals Pvt. Ltd. herein referred as **FIRST PART** a company duly incorporated under the laws of India, having its registered office located at 101, Sangam CHS Ltd, First Floor, A-Wing, S.V.Road, Opp. Vijay Sales, Santacruz (West), Mumbai – 400054 Maharashtra, India, through its authorized representative, Owner / Managing Director Mr. Smit Patel (which expression shall unless repugnant to the context or meaning thereof mean and include its executors, successors, legal representatives and permitted assigns) of the **FIRST PART**

AND

ROTARY FOUNDATION FOR EDUCATION & LEARNING herein referred to as **ROFEL** a Charitable Trust duly incorporated under the laws of India, having its office located at Plot no. 14/5, Chharwada Road, Near Haria Rotary Hospital, GIDC, Vapi-396195, Dist: Valsad, Gujarat, India, through Its Trustee Mr. Bharat Patel (which expression shall unless repugnant to the context or meaning thereof mean and include its executors, successors, legal representatives and permitted assigns) of the **SECOND PART**

WHEREAS:

The activities for which this MOU is signed are to be known as CSR activities for MBA Library under the Institution of **GIDC Rajju Shroff ROFEL Institute of Management Studies** and qualify as CSR activities as mandated under the Companies Act, 2013. for **Sandhya Organics**.

Whereas **ROFEL** on behalf of **GIDC Rajju Shroff ROFEL Institute of Management Studies** has approached **Sandhya Organics** for supporting the said CSR activities financially and otherwise and for using **Sandhya Organics** name as Donor for its MBA Library;

And Whereas **Sandhya Organics** has appraised the proposal submitted by **ROFEL** and is satisfied and accordingly granted its approval to fund the activities as part of its CSR obligations on the following terms and conditions stated herein under:

1. Role of Sandhya Organics

- a. **Sandhya Organics** shall inter alia contribute Rs. 25 Lakhs in the calendar year 2021 in compliance with CSR requirements as per prevailing laws and rules.
- b. It is presumed that the project will be completed within the budgeted amount of Rs. 25 Lakhs; and **ROFEL** shall endeavour to adhere to the same. If for any reason, the budget exceeds, **ROFEL** shall make its own arrangements and **Sandhya Organics** shall not make any further contribution.



2. Responsibilities of ROFEL:

ROFEL shall:

- a. ROFEL shall not spend **Sandhya Organics** funds in any such activity which is not compliant with the legal requirements of CSR compliance.
- b. At the entrance of the MBA Liabrary, the name of **Sandhya Organics** plaque shall be displayed prominently for all times till the termination of this MOU.
- c. Not to divulge any such information or any other details relating to this MOU to any third party without the prior written approval of **Sandhya Organics**, However, this condition shall not apply to ROFEL supplying information to any statutory authority in compliance of any statutory requirements.

3. Period of Validity

This MOU shall be valid for the period of **10** years and may be renewed subsequently by mutual consent of both the parties.

4. Trade Marks:

ROFEL recognizes that **Sandhya Organics** owns various Trade Marks. ROFEL undertakes that it shall not at any time during the continuance of this MOU or after its termination do or suffer to be done any act or thing which may impair the rights of **Sandhya Organics** in the Trade Marks and further undertakes that it shall not represent that it has any title to or right of ownership in the Trade Marks.

5. Indemnity

ROFEL shall indemnify, defend and hold harmless **Sandhya Organics**, its Directors, officers and each of them from and against all liabilities, damages, fees, costs, expenses, suits, claims, demands, judgments and prosecutions arising from or incidental to or resulting from (a) any material breach by ROFEL of its representations and warranties under this MOU; or (b) any negligence or intentional misconduct by ROFEL, its employees, agents or representatives in performing its obligations under this MOU or (C) non-compliance with applicable laws, rule and regulations in relation to the performance of duties and obligations and in relation to this MOU.

6. Force Majeure

In the event of non-fulfillment of the terms and conditions of this MOU due to any reason of force majeure namely fires, wars, riots, strikes, natural calamities, pandemics, resultant governmental actions and restrictions, etc., neither **Sandhya Organics** nor ROFEL shall be held responsible for any loss or consequential loss.



7. Breach of MOU

Sandhya Organics shall have the right to terminate the MOU with ROFEL immediately without notice in case ROFEL either fails to execute the aforesaid duties and responsibilities in accordance with the approved proposal or violates any of the clauses mentioned in the MOU.

8. Amendment to the MOU

The obligations of **Sandhya Organics** and ROFEL have been outlined in this MOU. However, during the operation of the MOU, circumstances may arise which call for alteration or modifications of this MOU. These modifications/alterations will be mutually discussed and agreed upon in writing.

9. Notice:

Any notice under or in connection with this MOU shall be in writing and shall be properly served if delivered personally, or sent by first class post or by facsimile to the other party due to receive the notice at its address set out below or such other addresses as either party may specify by notice in writing to the other party and shall be deemed to have been served on the date of posting or if delivered by hand on the date of delivery or if sent by facsimile upon receipt of a complete transmission report.

10. Severability:

- I. If any provision of this MOU (or part of a provision) is found by any court or administrative body of competent jurisdiction to be invalid, unenforceable or illegal, the other provisions shall remain in force.
- II. If any invalid, unenforceable or illegal provision would be valid, enforceable or legal if some part of it were deleted, the provision shall apply with the minimum modification necessary to make it legal, valid and enforceable.

11. Waiver

No forbearance, delay or indulgence by either party in enforcing the provisions of this MOU shall operate as a waiver of any subsequent breach. To be effective any waiver must be in writing and signed by the party granting said waiver.

12. Relationship of the Parties

Nothing in this MOU shall render either party; a partner, nor an agent of the other. ROFEL shall not reveal the existence of this MOU nor any of its contents to a third party without first obtaining the written consent of the **Sandhya Organics**, save where such disclosure is required by law.



13. Governing Law and Jurisdiction

- i. This MOU and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with Indian law.
- ii. The parties irrevocably agree that the courts of India shall have exclusive jurisdiction to settle any dispute or claim that arises out of or in connection with this MOU or its subject matter or formation (including non-contractual disputes or claims).

SIGNED for and on behalf of-

ROTARY FOUNDATION FOR EDUCATION & LEARNING

Name: Mr Bharat Patel

Trustee

ROPFL Trust

Date 26th March 2021



SIGNED for and on behalf of

Sandhya Organic Chemicals Pvt. Ltd.

Name: Mr. Smit Patel



Owner/Managing Director

Sandhya Organic Chemicals Pvt. Ltd.

Date 26th March 2021





ROTARY CLUB OF VAPI
R.I. DIST. 3060
HARIA L.G. ROTARY HOSPITAL
VOLUNTARY BLOOD DONOR DRIVE
Bank











ROTARY
FOUNDATION FOR
EDUCATION & LEARNING

DONATIONS EXEMPTED u/s 80 G (5)
Vaided Letter Ref. No. : CIT/VLS/Tech/RFEL/06-08 Dt. 17/04/2008
Valid Form Dt. : 01/04/2008
PAN No. : AAATR6803L

Plot No. 14/5, Chharwada Road,
G.I.D.C., VAPI - 396 195.
Telefax : (0260) 2467294

Receipt No. **203**

Date : **30/03/21**

RECEIVED with thanks from **Symdhya Osgemic chemicals**
PV. Ldt.

a sum of Rupees **Ten lakh Only -**

vide Cash / Cheque No. **008883** Dated **30**

on **Kotak Mahindra Bank** towards **Donation**

For ROTARY FOUNDATION FOR
EDUCATION & LEARNING

Rs. 10,00,000/-

Cheque Subject to Realisation


TRUSTEE

Office of the
Commissioner of Income tax,

Surya prakash Chambers Dharampur Road, Valsad
Phone no.(02632)242779/251432/ Fax No. (02632) 252889

No.CIT/VLS/Tech/RFEL/08-09

Date : 17.4.2008

The Trustee,
Rotary Foundation for Education & Learning
Plot No-73, CIDC, Vapi

Sub : Approval u/s 80G (vi) of the I.T. Act, 1961

Ref : Your application dated 24.3.2008
Addressed to the CIT, Valsad.

Please refer to the above.

2. This is to inform you that a deduction in respect of donations made to your trust/ institution will be allowed u/s 80G(5)(vi) of the I.T. Act, 1961 in the hands of the donors subject to limit prescribed therein.

3. This certificate is valid from 01.04.2008 to 31.3.2011.



-5/-
(Desh Raj)

Commissioner of Income tax,
Valsad.

Note :

1. Receipts issued to the donors should bear the number and date of this approval certificate and the date upto which this approval certificate is valid
2. Statement of accounts of receipts and expenditure should be submitted annually to the concerned A.O. within the time prescribed for filing the return of income u/s 139(1) of the I.T. Act. It may be noted that any default in this regard on your part, may. under you liable for summary cancellation of this approval certificate.
3. If further approval is required an application has to be made to this office alongwith audited statements of accounts, receipts and expenditure, balance sheet and usual undertaking and certificate u/s 13(1)(c) of the I.T. Act three months prior to the date with effect from the approval certificate is sought for.

(L. B. KATARGAMIWALA) ITO(Tech),
For Commissioner of Income Tax,
Valsad

CIRCULAR

Section 10(23C)(iv) of the Income-tax Act, 1961 – Exemptions – Charitable or religious trusts/institutions – Clarification regarding period of validity of approvals issued under section 10(23C)(iv), (v), (vi) or (via) and section 80G(5) of the Income-tax Act.

Circular No. 7/2010 [F.No.197/21/2010-ITA-I], Dated 27-10-2010

1. The Board has received various references from the field formations as well as members of public about the period of validity of approvals granted by the Chief Commissioners of Income Tax or Directors General of Income Tax under sub-clauses (iv), (v), (vi) and (via) of Section 10(23C) and by the Commissioners of Income Tax or Directors of Income Tax under Section 80G (5) of the Income Tax Act, 1961.

2. It has also been noticed by the Board that different field authorities are interpreting the provisions relating to the period of validity of the above approvals in a different manner. The following instructions are accordingly issued for the removal of doubts about the period of validity of various approvals referred to above.

3. Sub-Clauses (iv) and (v) of Section 10(23C) were amended by Taxation Laws (Amendment) Act, 2006 by insertion of the following proviso to that clause:-

“Provided also that any (notification issued by the Central Government under sub-clause (iv) or sub-clause (v), before the date on which the Taxation Laws (Amendment) Bill, 2006 receives the assent of the President, shall at any one time, have effect for such assessment year or years, not exceeding three assessment years) (including an assessment year or years commencing before the date on which such notification is issued) as may be specified in the notification.”

The intention behind the insertion of the above proviso was laid out in the relevant portion of the explanatory notes to the Taxation Laws Amendment Act, 2006 which reads as under:

“A need has been felt to dispense with the requirement of periodic renewal of notifications. The requirement of periodic renewal of notifications has been resulting in delays in their renewal.

5.2 In order to overcome delays, the eighth proviso to section 10(23C) has been amended so as to provide that the above mentioned limit of effectivity for three assessment years shall be applicable in respect of notifications issued by the Central Government under sub-clause (iv) or sub-clause (v) before the date on which Taxation Laws (Amendment) Bill, 2006 receives the assent of the President.

5.3 The Taxation Laws (Amendment) Bill, 2006 received the assent of the President on 13.07.2006. Therefore, on account of the above amendment any notification issued by the Central Government under the said sub-clause (iv) or sub-clause (v), on or after 13.07.2006 will be valid until withdrawn and there will be no requirement on the part of the assessee to seek renewal of the same after three years.”

The intention of legislature that the approvals under Section 10(23C) (iv) & (v) after the cut off date mentioned above would be a one time approval which would be valid until withdrawn, is thus sufficiently clear.

approvals under Sub-Clauses (vi) and (via) of Section 10(23C) are governed by the procedure contained in Rule 2CA. Rule 2CA was amended w.e.f. 1.12.2006, *inter alia* by substitution of the existing sub-rule 3 by a new provision which is reproduced below:-

“(3) The approval of the Central Board of Direct Taxes or Chief Commissioner or Director General, as the case may be, granted before the 1st day of December, 2006 shall at any one time have effect for a period of exceeding three assessment years.”

Read in Isolation, without any further guidance as was given by way of explanatory notes to Finance Act, 2006 in respect of amendment of sub-clauses (iv) & (v) of Section 10(23C), the above amendment leaves some scope for doubt about the period of validity of the approval under Section 10(23C)(vi) and (via) on or after 1.12.2006. For the removal of doubts if any in this regard, it is clarified that as in the case of approvals under sub-clauses (iv) & (v) of Section 10(23C), any approval issued on or after 1.12.2006 under sub-clause (vi) or (via) of that sub-section would also be a one time approval which would be valid till it is withdrawn.

5. As regards approvals granted upto 1.10.2009 under Section 80G by the Commissioners of Income Tax/ Directors of Income Tax, proviso to Section 80G(5) (vi) clarified that any approval shall have effect for such assessment year or years not exceeding five assessment years as may be specified in the approval. The above proviso was deleted by the Finance (No. 2) Act, 2009. The intent behind the deletion of above proviso as explained in the explanatory memorandum to Finance (No.2) Bill, 2009 was as under:

“Further as per clause (vi) of sub-section (5) of section 80G of the Income-tax Act, 1961, the institutions or funds to which the donations are made have to be approved by the Commissioner of Income-tax in accordance with the rules prescribed in rule 11AA of the Income-tax Rule, 1962. The proviso to this clause provides that any approval granted under this clause shall have effect for such assessment year or years, not exceeding five assessment years, as may be specified in the approval.

Due to this limitation imposed on the validity of such approvals, the approved institutions or funds have to bear the hardship of getting their approvals renewed from time to time. This is unduly burdensome for the *bona fide* institutions or funds and also leads to wastage of time and resources of the tax administration in renewing such approvals in a routine manner.

Therefore, it is proposed to omit the proviso to clause (vi) of sub-section (5) of section 80G to provide that the approval once granted shall continue to be valid in perpetuity. Further, the Commissioner will also have the power of withdraw the approval if the Commissioner is satisfied that the activities of such institution or fund are not genuine or are not being carried out in accordance with the objects of the institution or fund. This amendment will take effect from 1st day of October, 2009. Accordingly, existing approvals expiring on or after 1st October, 2009 shall be deemed to have been extended in perpetuity unless specifically withdrawn.”

It appears that some doubts still prevail about the period of validity of approval under Section 80G subsequent to 1.10.2009, especially in view of the fact that no corresponding change has been made in Rule 11A(4). To remove any doubts in this regard, it is reiterated that any approval under Section 80G(5) on or after 1.10.2009 would be a one time approval which would be valid till it is withdrawn.

Annexure-V

- The membership certificate of TSDF site of VWEMCL.

Vapi Waste & Effluent Management Company Limited



Office: VIA House, Plot-135, GIDC, VAPI 396 195, Gujarat, INDIA • Tel: (02638)-29950, 30950, • Telefax: (02638)-30950
Effluent Treatment Plant: CETP, N. H. No. 8, Near Damanganga Bridge, GIDC, VAPI 396 195 • Telefax: (02638)-32950
Solid Waste Depository SWD Site, Plot Nos 4807 etc., Near JBF Pharma Dvn., Phase IV, GIDC, VAPI 396 195.

VWEM/CR7/361/99-2000/

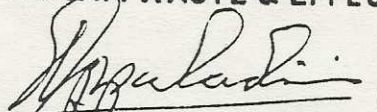
July 26, 1999

TO,

M/S. SANDHYA ORGANIC CHEMICALS PVT. LTD.
PLOT NO. 808/A/2
PHASE III
GIDC
VAPI

THIS IS TO CERTIFY THAT M/S. SANDHYA ORGENIC CHEMICALS PVT. LTD. PLOT NO. 808/A/2, GIDC, VAPI, IS A MEMBER OF VWEMCL FOR COMMON EFFLUENT TREATMENT PLANT (MEMBERSHIP NO. 361).

For VAPI WASTE & EFFLUENT MANAGEMENT CO. LTD.


Sangappa C. Uppaladinni
CHIEF EXECUTIVE OFFICER



Vapi Waste & Effluent Management Co. Ltd.

Registered Office : VIA House, Plot No.135, GIDC, VAPI 396 195, Gujarat. INDIA
Tel.: (0260) 2428950 • Telefax : (0260) 2429950 • E-mail : admin@vwemcl.com
WEBSITE : www.vwemcl.com, www.vapicetp.com

Ref. No. VWEMCL/NOC/2011-12/17186

February 4, 2012

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s Sandhya Organic Chemicals Pvt. Ltd., Plot No. 808/A-2, GIDC, Vapi - 396 195 is a member of our Common Effluent Treatment Plant. Currently, company is also accepting hazardous waste from this unit at our Common Solid Waste Project Site.

As per our records, they have submitted 4.820 metric ton quantity in last five years.

This certificate is issued on the specific request of the member.

For Vapi Waste & Effluent Management Co. Ltd.,

Authorized Signatory

To,
M/s Sandhya Organic Chemicals Pvt. Ltd.,
Plot No. 808/A-2,
GIDC, Vapi - 396 195

D: NOC
CFO

COMMON EFFLUENT TREATMENT PLANT :

"CETP", N. H. No.8, Near Damanganga Bridge, GIDC, VAPI 396 195. Tel.: (0260) 2432950 Telefax : 2434929

COMMON SOLID WASTE PLANT :

"CSWP", Plot 4807 etc. Phase IV, GIDC, VAPI 396 195. Tel.: (0260) 2427950, 2435186, 2990161

Annexure-VI

➤ Copy of Form –V

PCB ID: 24325

Date: April 30, 2021

To,
The Regional Officer,
Gujarat Pollution Control Board,
Vapi.

Sub: Submission of Environmental Statement (Form – V) for the year 2020-2021.

Dear Sir,

We are submitting Environmental Statement duly filled in prescribed Form – V with all relevant details for the year 2020-2021.

Thanking you and assuring you our best co-operation always.

Sincerely yours,

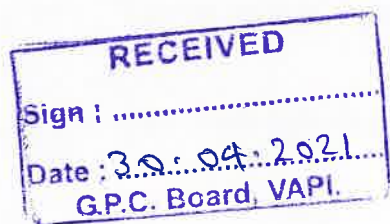
For Sandhya Organic Chemicals Pvt. Ltd.

(Authorized Signatory)



Enclosures:

1. Form – V.



FORM - V
(SEE RULE 14)

From:

M/s. Sandhya Organic Chemicals Pvt. Ltd.
Plot No. 808/A/2, Phase - III,
GIDC Estate, Vapi - 396 195.
Dist.: Valsad (Gujarat).

To,
The Regional Officer,
Gujarat Pollution Control Board,
Vapi.

Environmental Statement for the financial year ending on the 31st March, 2021.

PART - A

- (i) Name & Address of the owner/occupier of the Industry operation or process : **Mr. R. J. Shah**
(Authorized Signatory)
M/s. Sandhya Organic Chemicals Pvt. Ltd.
Plot No. 808/A/2, Phase - III,
GIDC Estate, Vapi - 396 195.
Dist.: Valsad (Gujarat).
- (ii) Industry category Primary - (STC Code) : **Medium Scale Industry**
Secondary - (STC Code)
- (iii) Production Capacity - Units :
- 1. Aluminium Phosphide : 100 MT/Month**
2. Zinc Phosphide : 100 MT/Month
3. Phosphoric Acid (15 %) : 100 MT/Month (By Product)
- (iv) Year of establishment : **1994**
- (v) Date of the last environmental statement : **2020**

PART – B

Water and Raw Material Consumption

(I) Water Consumption m³/day

Boiler & Cooling : 7200 Lit/Day
Washing & Scrubbing: 3500 Lit/Day
Domestic : 5500 Lit/Day
Gardening : 3800 Lit/Day

Name of product		Process water consumption per unit of product output	
		During the previous financial year. (1)	During the current financial year. (2)
1	Aluminum Phosphide, Zinc Phosphide	Nil	Nil

(II) Raw Material Consumption :

Name of Raw Materials	Name of product	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
Phosphorus	Aluminum Phosphide	0.41 MT/MT	0.40 MT/MT
Aluminium Powder		0.36 MT/MT	0.36 MT/MT
Urea		0.05 MT/MT	0.07 MT/MT
Ammonium Carbamate		0.05 MT/MT	0.06 MT/MT
Graphite Powder		0.05 MT/MT	0.07 MT/MT
Parafin Wax		0.02 MT/MT	0.03 MT/MT
Zinc Stearate		0.05 MT/MT	0.05 MT/MT
Phosphorus	Zinc Phosphide	0.23 MT/MT	0.25 MT/MT
Zinc Dust		0.65 MT/MT	0.68 MT/MT
Iron Oxide		0.17 MT/MT	0.15 MT/MT

Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

PART – C

Pollution Discharged to environment / unit of output.
(Parameter as specified in the consent issued)

Pollutants	Qty. Of pollutants discharged (Mass / Day)	Concentration of Pollutants in discharges (Mass / Day)	Percentage of various from prescribed standards with reason
(i) Water	--	Not Applicable	Not Applicable
(ii) Air	--	Enclosed As Annexure – I	Enclosed As Annexure – I

PART – D

As specified under Hazardous Wastes / Management and Handling Rules, 1989)

Hazardous Waste	Total Quantity (Kg).	
	During the previous financial year	During the current financial year
(i) From process	--	Nil
(ii) From pollution control facilities	--	Enclosed As Annexure – II

PART – E

SOLID WASTE

	Total Quantity	
	During the previous Financial year	During the current Financial year
(a) From process (b) From pollution control facility (c) Quantity recycle or re-utilized within the unit (1) Sold (2) Disposed	Enclosed As Annexure – II	Enclosed As Annexure – II

PART – F

Please specify the characterization (In terms of composition and quantum) of hazardous as well as solid and indicate disposal practice adopted for both these categories of wastes.

As per enclosed annexure – II

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the conduction.

Enclosed Annexure – III

PART – H

Additional measures / investment proposals for environmental protection including abatement of prevention of pollution.

Not Applicable

PART – I

Any other particulars for Improving the quality of the environment:

Tree Plantation

Signature :

For Sandhya Organic Chemicals Pvt. Ltd.

Name :

MR. R. J. SHAM


Authorised Signatory

Designation :

Q. M. - WORKS

Date :

30.07.2021

ANNEXURE – I

POLLUTION DISCHARGE TO ENVIRONMENT FROM FURNACE PER DAY:-

A) Stack Location: Steam Boiler (300 Kg/Hr)

The company has provided proper hood system and adequate height of chimney for Steam Boiler. Stack and stack monitoring facility is provided.

B) Stack Location: D. G. Set (125 KVA)

The company has adequate height of chimney for D. G. Set. Stack and stack monitoring facility is provided.

C) ALP/Zinc Reactor

The company has provided adequate height and stack monitoring facility. Water scrubber is provided as air pollution control system.

D) Blender

The company has provided adequate height and stack monitoring facility. Dust Collector is provided as air pollution control system.

E) Tab. Machine

The company has provided adequate height and stack monitoring facility. Dust Collector is provided as air pollution control system.

For Sandhya Organic Chemicals Pvt Ltd.



Authorised Signatory

ANNEXURE – II

Hazardous Waste Management

During our activities hazardous and other wastes are generated as per HW (M & TM) Rules, 2016 and is managed as follows.

Sr. No.	Name of Waste	Source	Quantity	HW Sch. No. I	Facility
1.	Phosphoric Acid	From Scrubber	1108.81 MT	II,B15	Collection, Storage and @1106.28 MT is sold out to its actual users having Rule – 9 permissions.
2.	Discarded Containers	Raw Material	2824 Nos.	33.1	Collection, Storage and @2824 Nos. is sold out to authorized vendor.
3.	Used Oil	Machinery	20 Lit	5.1	Collection, Storage and @20 Lit is used for external lubrication with in company premises.

ANNEXURE – III

Impact of pollution abatement measures on natural resources and on the cost of production.

There is no any negative impact on natural resources because of the following reasons;

- Domestic effluent is disposed of through STP system.
- All the employees maintain the safety rules.
- There are no leakages observed and company maintains good housekeeping.

For Sandhya Organic Chemicals Pvt. Ltd.


Authorised Signatory

Annexure-VII

- News paper cutting of local news paper.

ંગ હોડિંગ્સ છેલ્લા
જોખમી રીતે નમી
ટી.ઓ. કચેરીમાં
અરજદારોની
છે. હાલ વલસાડ
વન ફાઇર રહ્યો છે,
ગમે ત્યારે તૂટી પડે તે
પી ગયું હોવા બાબતે
ધેરી દ્વારા વલસાડ

હોનારત સર્જાય શકે છે, જેથી
આર.ટી.ઓ. કચેરી તરફથી
પી.ડબલ્યુ.ડી.ને જોખમી હોડિંગ્સ
ત્યાંથી હટાવી લેવા લેખિત જાણ કરવા
છતાં, તંત્ર દ્વારા કોઈ કાર્યવાહી કરાતી
ન હોય, આર.ટી.ઓ. કચેરીના
અધિકારી-કર્મચારીઓ તેમજ
અરજદારોમાં ભારે નારાજગી જોવા
મળી રહી છે.

તેમણે કહ્યું કે, વિશ્વની સર્વશ્રેષ્ઠ સંસ્કૃતિ
ભારતની છે. ૨૧મી સદી એ હાઈ
ટેકનોલોજીની સદી છે. જિલ્લા
પંચાયતના પ્રમુખ મીનાબેન ચૌધરીએ
સહકારી યોજનાઓનો મહત્તમ લાભ
લઈ ઉચ્ચ શિક્ષણ મેળવી કુટુંબ, સમાજ
અને રાષ્ટ્રના આર્થિક વિકાસમાં સહયોગ
આપવાની શીખામણ વિદ્યાર્થીઓને
આપી હતી. કોલેજના પૂર્વ આચાર્ય

ઈનચાર્જ આચાર્ય ડો. પટેલે મહેમાનોનું
સ્વાગત કર્યું હતું. ડો. યુ.એલ. પટેલે
મહેમાનોનો પરિચય કરાવ્યો હતો.
રજિસ્ટ્રારના હસ્તે યુનિવર્સિટી પરીક્ષામાં
કોલેજમાં પ્રથમ રેન્ક મેળવનાર વિદ્યાર્થી
તથા એન.એસ.એસ. તથા
એન.સી.સી.ના વિદ્યાર્થીઓનું સન્માન
થયું હતું. જે બાદ તિલક કરી નવા
વિદ્યાર્થીઓનો આવકાર્યો હતા.

ના પુસ્તકમાં ઉલ્લેખ નેહલ વાપીની પુત્રવધૂ

જે. અબ્દુલ દુશ્મન છે. આ જવાબથી ડો. કલામે
ઈટ માઈન્ડ ખાસ્સા અભિભૂત થયા હતા.
પુસ્તકની ઉલ્લેખ કરીને
એ આણંદની જાણીતા ડો.
પત્રવધૂ છે.
વર્ અધિકારી
સંજયભાઈ
અધાગિની
ખાતે સ્થાયી
માં આણંદની
ડો. કલામે
ધો. ૧૨ના
તરી કરતા ડો.
મોટો દુશ્મન
સ્નેહલે ઉત્તર
રીખી અને
સૌથી મોટા

દુશ્મન છે. આ જવાબથી ડો. કલામે
ખાસ્સા અભિભૂત થયા હતા.
ત્યારબાદ ૨૦૦૨માં અબ્દુલ કલામે
રાષ્ટ્રપતિ તરીકે પદગ્રહણ કરવાના
હતા ત્યારે પણ સ્નેહલને ખાસ
નિમંત્રણ પાઠવી રાષ્ટ્રપતિ ભવનમાં
સાથે બેસાડી ભોજન લીધું હતું.
પોતાના પુસ્તક ઈન્નાઈડટ માઈન્ડની
પ્રત ઓટોગ્રાફ કરીને ડો. કલામે
સ્નેહલને ભેટ આપી હતી. જેની
પ્રસ્તાવનામાં ડો.કલામે આણંદના
૨૦૦૨ની મુલાકાત વેળાના પ્રશ્ન
અને એના ઉત્તરનો ઉલ્લેખ કરી એ
પુસ્તક જવાબ આપનાર સ્નેહલ
ઠક્કર (હવે મહેતા)ને સમર્પિત કર્યું
હતું. ડો. એ.પી.જે. અબ્દુલ કલામના
વિદ્યાર્થીઓ સાથેના વાર્તાલાપની
આટલી ઘેરી છાપ એમના
વ્યક્તિની એક ઝાંખી કરાવે છે.

રાજહંસ સિનેમાઝ

નવસારી-ગણદેવી રોડ, ઘટાળવા
ગામ, કેનાલની બાજુમાં, નવસારી

નવસારી સિટીમાં સૌપ્રથમ
મલ્ટિપ્લેક્સ વાઈડ સ્ક્રીન અને
ડોલ્બી ડિજિટલ સાઉન્ડ.

બજરંગી ભાઈજાન

૧૦.૧૦ AM, ૧.૦૦, ૨.૧૦,
૪.૦૦, ૬.૦૦, ૮.૫૦, ૧૦.૪૦

બાહુબલી

૧૧.૨૦ AM, ૩.૧૦, ૫.૦૦,
૭.૫૦, ૧૦.૩૦

ANT MAN (શ્રીડી) હિન્દીમાં

૧૦.૩૦ AM, ૧૨.૫૦, ૫.૦૦, ૮.૧૫

પૂછપરછ માટે કોલ કરો :-

૦૨૬૩૦-૩૧૩૬૩૮,

૮૩૭૭૩ ૭૭૦૦૭

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રાજહંસ સિનેમાઝ

વશીયર, વલસાડ.

બજરંગી ભાઈજાન

૧૦.૧૦ AM, ૧.૦૦, ૨.૧૦, ૪.૦૦,
૬.૦૦, ૮.૫૦, ૮.૫૦, ૧૦.૪૦

બાહુબલી

૧૧.૨૦ AM, ૩.૧૦,
૫.૦૦, ૧૦.૩૦

ANT MAN (શ્રીડી) હિન્દીમાં

૧૦.૩૦ AM, ૧૨.૫૦, ૫.૦૦, ૮.૧૫

ટીકીટ ઇન્કવાયરી માટે સંપર્ક :

૦૨૬૩૨- ૬૫૧૧૦૩,

Online booking :

www.bookmyshow.com

સીનેપાર્ક મલ્ટીપ્લેક્સ

વશીયર, વલસાડ

આજે ખાસ પેઈડ પ્રીવ્યુ શો દુશ્મન

સ્ક્રીન-૧ રીક્લાર્ડનર કલાસમાં
૦૭:૩૦, ૧૦:૩૦

બજરંગી ભાઈજાન

સ્ક્રીન-૧&૩ રીક્લાર્ડનર કલાસમાં
૧૦.૦૦ AM, ૧૨.૦૦, ૦૧.૦૦, ૦૩.૦૦,
૦૪.૦૦, ૦૬.૦૦, ૦૮.૩૦,

એન્ટ મેન (3D-HINDI)

૧૦.૧૫ AM, ૧૨.૩૦, ૦૫.૩૦,

બાહુબલી

૦૨.૪૫, ૦૭.૪૫, ૧૦.૩૫

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દુઃખદ અવસાન
થયેલ છે.સહગતનું
વાર ના બપોરે ૨.૦૦
હોટલ અનાવિલ વાડી
માં આવેલ છે.

(પત્ની)
લ નારણજી વશી(ભાઈ)
રણજી વશી
નારણજી વશી
માનસી(પુત્રવધૂ)
(પૌત્ર, પૌત્રી)

શ્રધ્ધાંજલિ

કે છે, પણ સ્નેહને
કવુ નથી. ચિરંજીવ
છે આપનું દર્શન.
શાંતિ આર્પ એજ

દા
બાઈ પટેલ
કાભાઈ પટેલ
ગર
નવસારી. મો.નં. ૯૬૦૦૨૧૫૭૦

PUBLIC NOTICE

Subject : Environmental Clearance for Proposed Expansion project for
Increase in Production Quantity of Pesticides, Aluminum Phosphide & Zinc
Phosphide.

This is to inform the public that M/s. Sandhya Organic Chemicals Pvt. Ltd.
Plot No. 808 A/2, Phase-3, GIDC Estate, Vapi, Dist : Valsad, Gujarat. Has
Obtained Environmental Clearance form The Ministry of Environment and
Forest, New Delhi, vide its Letter No. J-11011/481/2011-IA II (I) Dated 25th
June, 2015 for Expansion of pesticides industry and pesticides specific
intermediates Under The Provision Of The Eia Notification Dated September
14, 2006. Copies Of The Clearance Letter are available at the office of The
State Pollution Control Board & may also be seen at website of the ministry
at www.envfor.nic.in

સંદેશ વાપી, વલસાડ, નવસારી સંઘપ્રદેશ આવૃત્તિ માટે

બેસણું	૫ x ૮ (૪૫ ચો.સેમી.)	ફિક્સ
દુઃખદ અવસાન	ફિક્સ સાઈઝના	રૂ. ૬૫૦/-
શ્રધ્ધાંજલિ	વધારાના ચો.સેમી.ના રૂ. ૨૫/- (૧૦ x ૮ ચો.સેમી.સુધી)	
	તેનાથી વધારે ચો. સેમી. માટે આખી જા.ખ.નો કાર્ડ રેટ લાગશે	

વાપી : પ્રિતિ એડસ, વાપી ફોન ૨૪૩૨૬૬૨, ૮૮૨૫૪૫૧૦૫૧
વલસાડ : શાંતિ એડસ, વલસાડ ફોન. ૨૪૮૨૧૧, ૮૮૭૮૧૪૨૫૨૮
નવસારી : સંદેશ કાર્યાલય : ફોન : ૨૫૨૬૬૫, ૮૮૬૬૬ ૩૬૨૦૨
કેકુલ પંડ્યા : ૮૮૭૮૨ ૮૨૩૨૮ સુરત ઓફિસ : ૦૨૬૧-૪૦૮૮૧૩૪

સંદેશ ગુજરાત ખબર તા. ૩૦.૦૭.૨૦૧૫

SANDESH NEW PAPER - 30 07 2015

હતી. બીજી તરફ વલસાડ રૂરલ પોલીસે પણ કારચાલકને ઝડપી પાડવાનો પ્રયાસ કરતા ચાલક કારને સ્થળ પર જ મૂકીને ફરાર થઈ ગયો હતો. પોલીસે કારની તપાસ કરતા કારમાંથી દારૂ-બિયરની ૧૨૫૨ બોટલો (કિંમત રૂ.૮૩,૬૦૦) મળી આવી હતી. પોલીસે દારૂનો જથ્થો તથા કાર મળી કુલ રૂ.૪,૮૩,૬૦૦ નો મુદામાલ કબજે કર્યો હતો.

મિતાલી નામયુન દમણ કલેક્ટરાલયના સભા ગૃહમાં એક પત્રકાર પરિષદ રાખી હતી. જેમાં કલેક્ટરે જણાવ્યું હતું કે, સપ્ટેમ્બર મહિનાના છેલ્લા અઠવાડિયામાં ભારત સરકારના ઈલેક્શન કમિશનના આદેશ અનુસાર ચૂંટણી કરવામાં આવશે. આ માટે કુલ ૮૮ પોલિંગ સ્ટેશનો માટે સરકારી જગ્યામાં નક્કી કરાઈ છે. જેમાં એક મતદાતાએ ત્રણ મત આપવાના રહેશે.

આજીનાંચર પાંડવ ઇવીએમ મશીનાની ચકાસણી કરી અને તે માટેની ટ્રેનિંગ આપી હતી અને તે માટે ફરી તેઓ દમણ આવશે. ઈલેક્શન નિષ્પક્ષ અને સરળ રીતે થાય તે માટેની પૂર્વ તૈયારી શરૂ કરી દેવાઈ છે. વધુ માહિતી આપતા કલેક્ટરે જણાવ્યું કે આવતી કાલે રાજકીય પાર્ટીઓના આગેવાનો સાથે પણ બેઠક રાખી ઈલેક્શન બાબતે ચર્ચા વિચારણા કરવામાં આવશે.

આશીવાદ પ્લ રાત્રીના સમયે કંપનીમાં ઘૂસી પ્લાસ્ટિક દાણા (લાખ)ની ચોરી ઘટનામાં કુલ પ્લાસ્ટિકના દાણા અંગેની જાણ દોવા છતાં હજારો નોંધ ચોપા.

કકવાડીના રાયોટિંગ કેસમાં ટંડેલ સમાજના ૭ આરોપીની ધરપકડ

■ સોમવારે કોળી સમાજના ૭ને પોલીસે પકડ્યા હતા

વલસાડ, તા. ૨૮

વલસાડ તાલુકાના કકવાડી ગામે કોળી પટેલ સમાજના ટોળાં તથા ટંડેલ સમાજના ટોળાં વચ્ચે થયેલી હિંસક અથડામણ સંદર્ભે બંને પક્ષોએ ડુંગરી પોલીસ મથકે સામસામી ફરિયાદ નોંધાવી હતી. આ પ્રકરણે ડુંગરી પોલીસે ગત સવારે કોળી પટેલ સમાજના ૮ આરોપીઓની ધરપકડ કર્યા બાદ રાયોટિંગના ગુનામાં સંડોવાયેલા ટંડેલ સમાજના કુલ ૭ આરોપીઓની ધરપકડ કરી હતી. કકવાડી ગામે ગત તા.૨૬મીના રોજ કોળી પટેલ સમાજ તથા ટંડેલ સમાજના ટોળાં

વચ્ચે અગાઉ થયેલી તકરારની અદાવતમાં થયેલી જૂથ અથડામણ અંગે ધર્મિષ્ઠાબેન ટંડેલે ડુંગરી પોલીસ મથકે ફરિયાદ નોંધાવતા, પોલીસે રાયોટિંગનો ગુનો દાખલ કરી ગતરોજ ૮ આરોપીઓની ધરપકડ કરી હતી. સામા પક્ષે મેઘાબેન સુમનભાઈ પટેલે નોંધાવેલી ફરિયાદ સંદર્ભે પોલીસે સોમવારે સવારે જયેશકુમાર ધીરુભાઈ ટંડેલ તથા મહેલ દયારામ ટંડેલની ધરપકડ કર્યા બાદ સોમવારે મોડી સાંજે વધુ પાંચ આરોપીઓ ઉમેશ મોહનભાઈ ટંડેલ, જીગર સીતારામ ટંડેલ, કિશન વલેતભાઈ ટંડેલ, ભાવિન ઠાકોરભાઈ ટંડેલ તથા આકાશ ધનસુખભાઈ ટંડેલની ધરપકડ કરી વધુ તપાસ હાથ ધરી છે.

વાપી કોલેજમાં

આર. કે.

ક્રિએશન સ્પર્ધા

વાપી : વાપીની આરકે દેસાઈ કોલેજમાં વિદ્યાર્થીઓમાં રહેતી સર્જનાત્મકતાને ખીલવવા તથા તેમને એકતાનું મહત્તા સમજાવવાના ઉમદા હેતુસર આર.કે. ક્રિએશન સ્પર્ધાનું આયોજન કરવામાં આવ્યું હતું. સ્પર્ધામાં ભાગ લેનાર ૬૦ જેટલા વિદ્યાર્થીઓને ગ્રુપમાં વહેંચી તેમને તત્કાલ જ કાર્ડ વીથ સ્લોગન બનાવવાનું કહેવામાં આવ્યું હતું. જેમાં વિદ્યાર્થીઓએ સુંદર સ્લોગનો સાથેનાં વૈવિધ્યસભર, આકર્ષક કાર્ડ બનાવી પોતાની સર્જનાત્મકતા બનાવી હતી. આ સ્પર્ધાના નિર્ણાયક તરીકે કોલેજ કો.ઓડિનેટર મિતલ શાહ અને પ્રો. ચિત્રા શેઠે મહત્વની ભૂમિકા ભજવી હતી.

હવે નવસારીમાં રીયલ ડાયમંડની ચાકર્ષક જ્વેલરી ઉપલબ્ધ

સર્ટીફાઈડ રીયલ ડાયમંડની સીધી ઓછો ભાવ... પ્રતિ દેરેડ રૂ48,000/-

BIS 916 હોલમાર્ક દાગીનાનો આજનો ભાવ મજૂરી રૂ22990+ રૂ171

ડી.એમ. જ્વેલર્સ નવસારી ફોન : ૦૨૬૩૦ - ૨૩૩૫૮૮

જોઈએ છે

વાપી ડુંગરી ફળિયા નજીક કરવડ પાસે પેકિંગ હેલ્પર, લેથ / CNC / હોર્નીંગ મશીન ઓપરેટર જોઈએ છે. રહેવાની સગવડ મળશે.

સંપર્ક : નેષ્ટ્યુન ઍજુન કિટ પ્લોટ નં. 1B સર્વે નં. 31 ઘરમપુર રોડ, કરવડગામ, વાપી ફોન : 08690624252/09377820009

જાહેર સુચના

વિષય : પેસ્ટીસાઈડ્સ, એલ્યુમિનિયમ ફોસ્ફાઈડ અને ઝીંક ફોસ્ફાઈડની ઉત્પાદનની ક્ષમતા વધારવા અંગેની પર્યાવરણીય મંજૂરી. આથી જણાવવામાં આવે છે કે ભારત સરકારના પર્યાવરણ અને વન મંત્રાલય નવી દિલ્હી દ્વારા M/s. Sandhya Organic Chemicals Pvt. Ltd. પ્લોટ નં. ૮૦૮ A/2, ફેઝ-૩, જી.આર્.કે.ડી.સી. ઓસ્ટેટ, વાપી, જી. વલસાડ, ગુજરાત - ૩૬૬૧૬૫ ને ક્રમાંક J-11011/481/2011-IA II (I)સ્પર્ધા જૂન, ૨૦૧૫થી પેસ્ટીસાઈડ્સ, એલ્યુમિનિયમ ફોસ્ફાઈડ અને ઝીંક ફોસ્ફાઈડની ઉત્પાદનની ક્ષમતા વધારવા માટે ઈ.આર્.કે.એ. અધિનિયમ તારીખ ૧૪ સપ્ટેમ્બર, ૨૦૦૬ અંતર્ગત પર્યાવરણીય મંજૂરી મળેલ છે. ઉપરોક્ત પત્રની નકલ ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડની કચેરી ઉપરાંત વેબસાઈટ www.envfor.nic.in પર ઉપલબ્ધ છે.

વાંસદામાં માત્ર 5500 પેરામેડિકલ નર્સિંગ કોર્ષ

ઘો. 10 - 12 પાસ નાપાસ માટે

G.N.M./A.N.M. (I.N.C./K.N.C.) માન્ય સર્ટી માત્ર S.C./S.T./O.B.C. વિદ્યાર્થીઓ માટે.

માત્ર વાર્ષિક 15000 માં કોર્ષ. ટ્રેનિંગ દરમિયાન પગાર.

સ્કોલરશિપ, સરકારી નોકરીની તક

100% જોબ ગેરંટી બહેનો માટે હોસ્ટેલ સુવિધા.

વધુ માહિતી માટે : ગુરુકૃપા નર્સિંગ એકેડેમી

રાણી ફળિયા, ઘરમપુર રોડ, વાંસદા મો. 9537988222

માંડલિયા આર બીલ

ખેતીવાડી રીનોવેશન તા. ૦૩-૦૮ આવે છે. ટેકર મેળવવાનું ખેતીવાડી ઉત્પાદન મુ.પો. દેવસર નં ફોન નં. (૦૨૬૩

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SHIVDE

સંદર્શ નજર તા. ૨૬. ૦૭. ૨૦૧૫

'SANDHIA' NEWS PAPER - 29.07.2015



ADVERTISEMENT BILL

ADVERTISING AGENT
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&
MAGAZINES

OFFICE : J. K. CHAMBERS, SELVAS ROAD, VAPI - 396 191. TELEFAX : (0260) 2432662, (R) 2432663

વાદ પદ
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SHIVDE

M/s. Sandhya organics
chemicals Pvt. Ltd.
Plot No. 808 A/2 Phase
-3, MIDC, Vapi

Bill No. 473/71 Date 30-7-15
Your Advertisement In : Sandesh-
Nulsud Edition
Date : _____

Particulars	Space		Rate per		Amount	
	Sq.	Cm.	Cms. / Col.		Rs.	Ps.
1) ગ્રહેર જુથન Date 29-7-15	9	5	50	-	2250	-
2) Public Notice Date 30-7-15	9	5	50	-	2250	-
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By Cash No. 11433 Date 30/7/15						

STC No. ABBPD 6333 PST 001

TOTAL 4626

Rupees Four thousand six hundred twenty

- Cheque / D.D. should be drawn in favour of "PRITI Ads" only
- This Bill is payable at VAPI.
- Interest @ 24% per annum will be charged on all overdue amount
- Complaint if any regarding this bill must be lodged within 7 days from the date of this bill otherwise it will not be entertained.
- Subject to PARDI Jurisdiction.

six only

For PRITI Ads

E. & O. E.

આકર્ષક કાર્ડ બનાવી પોતાની
સર્જનાત્મકતા બનાવી હતી. આ
સ્પર્ધાના નિર્ણાયક તરીકે કોલેજ
કો.ઓર્ગાનિટર સિતલ શાહ અને
પ્રો. ચિત્રા શેઠે મહત્વની ભૂમિકા
ભજવી હતી.

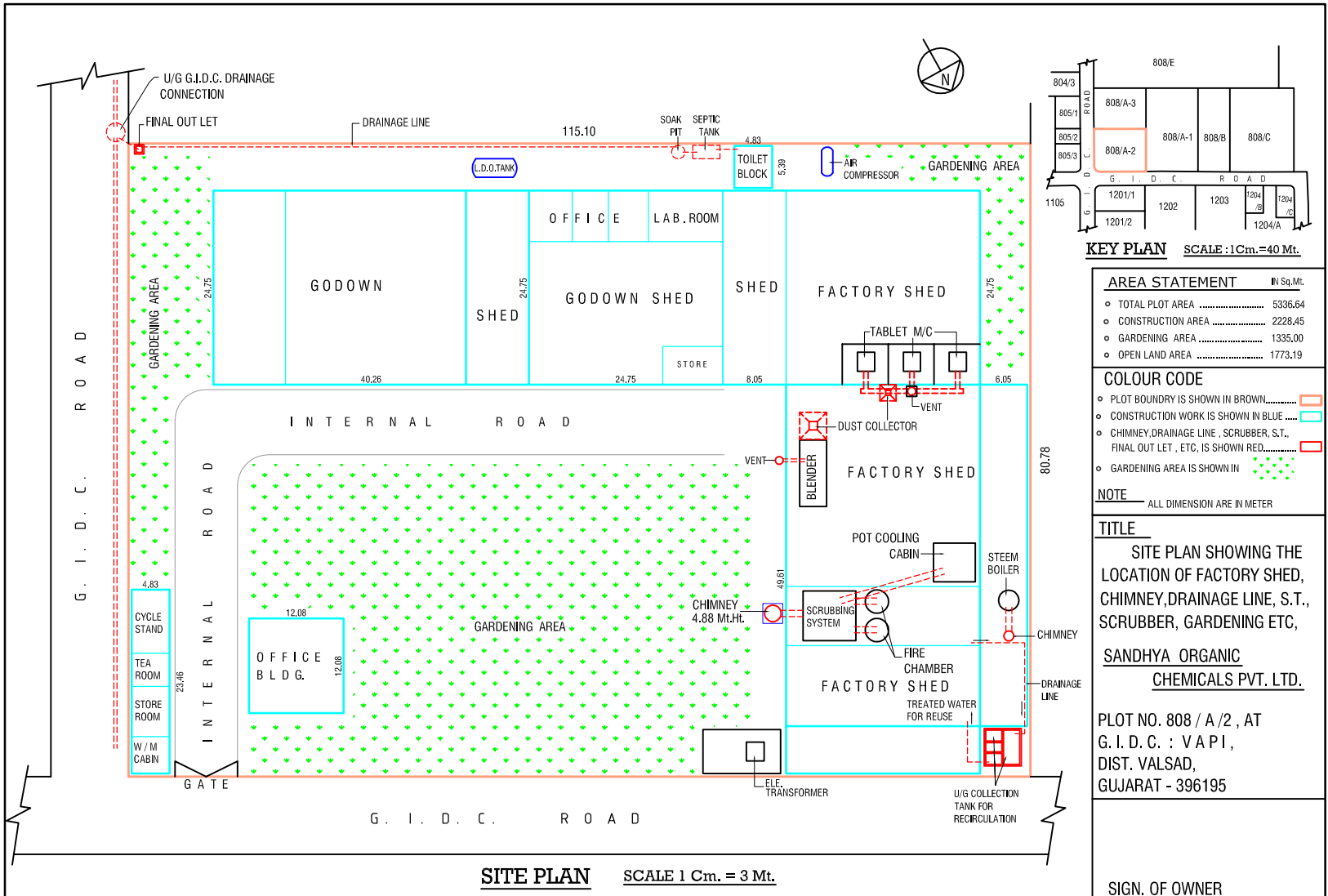
માત્ર વાર્ષિક 15000 માં કોષ. ટ્રેનિંગ દરમિયાન પગાર.
સ્કોલરશિપ, સરકારી નોકરીની તક
100% જોબ ગેરંટી ભહેનો માટે હોસ્ટેલ સુવિધા.
વધુ માહિતી માટે : ગુરુકૃપા નર્સિંગ એકેડેમી
રાણી ફળિયા, ધરમપુર રોડ, વાંસદા મો. 9537988222

21/11/2015

O.C. MV-20-8-15

Annexure-VIII

➤ Site Layout Plan



Annexure-IX

➤ Consolidated consent & authorization compliance



GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector 10-A, Gandhinagar 382010

Phone : (079) 23226295

Fax : (079) 23232156

website : www.gpcb.gov.in

"Consent to Establish" (NOC)**CTE-56354**

NO: GPCB/CCA-VSD-594/ID: 24325/157683

dt 26/6/13

TO,
 ✓ M/s. SANDHYA ORGANIC CHEMICAL PVT LTD,
 Plot No. 808/A/2, PHASE-III,
 GIDC Estate VAPI-396 195,
 Dist: Valsad.

Sub: Consent to Establish under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.
Ref: Your CTE Fresh application dated 22/05/2013.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish** for setting up of industrial plant/activities at **Plot No. 808/A/2, PHASE-III, GIDC Estate VAPI-396 195, Dist: Valsad** for the manufacturing of the following items.

Sr. No.	Product	Existing Quantity MT/Month	Proposed Quantity MT/Month	Total Quantity MT/Month
1.	Aluminium Phosphide	25	75	100
2.	Zinc Phosphide	25	75	100
	By Product			
3.	Phosphoric Acid (15%)	25	75	100

- The Validity period of the order will be Five years from date of issue. I.e. up to 21/05/2018.

SUBJECT TO THE FOLLOWING CONDITIONS:-

- Applicant shall not carry out any activities which required prior Environmental Clearance.
- There shall be no waste water discharge.
- Production shall not commence without obtaining E.C.

CONDITIONS UNDER WATER ACT 1974:

1. There shall be no generation of the industrial effluent from the manufacturing process and other ancillary industrial operations.
2. Unit shall reuse waste water for P_2O_5 scrubbing for Phosphoric Acid, Phosphoric Acid app. 100 MT/Month shall sell out to actual reusers, M/s. Thursday Chemicals, GIDC Sarigam directly through. Records of generation to final reuse of the same shall be maintained.
3. The quantity of the domestic waste water (sewage) shall not exceed **5000 Lits/day**.
4. Sewage shall be disposed of through septic tank/soak pit system.

CONDITIONS UNDER AIR ACT 1981:

5. The following shall be used as fuel in the D. G. Sets & Boiler respectively.

Sr.No.	Fuel	Quantity
1.	HSD	36 Lit/Hr
2.	Natural Gas	6000 SCM/Month

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6. The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.

7. The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Parameter	Permissible Limit
1.	DG Set (125 KVA)	11	Particulate Matter	150 mg/NM ³
2.	Baby Boiler (300 Kg/Hr)	11	SO ₂	100 ppm
			NO _x	50 ppm

8. The Process emission through various stacks/vent of reactors, process, vessel shall conform to the following standards

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1.	ALP/Zinc Reactor	30	Scrubbing System	P ₂ O ₅	9 mg/NM ³
2.	Blender	10	Dust Collector	Particulate Matter	150mg/NM ³
3.	Tablet Machine				
4.	POCl ₃ Reactor	10	Alkali Scrubber	Cl ₂ HCl	09 mg/NM ³ 20 mg/NM ³

9. The concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack / vent with height of more than 9 meters from the ground level) shall not exceed the following levels:

PARAMETERS	PERMISSIBLE LIMIT
SO ₂	080 Microgram/M ³
NO _x	080 Microgram/M ³
RSPM	100 Microgram/M ³

10. All measures for the control of environmental pollution shall be provided before commencing production.

CONDITIONS UNDER HAZ. WASTE:

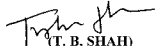
11. Applicant shall have to comply with provisions of H.W. (Management Handling & Transboundary Movement) rules 2008.
- Industry shall provide adequate collection, storage, treatment & transportation system in accordance with the nature, quantity & compatibility of hazardous waste and shall offer their hazardous waste only to authorized operator of the ultimate disposal facility.
 - Applicant shall comply all the directives issued by Honorable Courts, notifications issued by Ministry of Environment & Forest, Department of Environment & Forest, Central Pollution Control Board and other competent authorities time to time.
 - Applicant shall comply all the guidelines published by Ministry of Environment & Forest, Department of Environment & Forest, Central Pollution Control Board and other competent authorities time to time.
 - Industry shall also comply following directives issued by the Supreme Court of India dated.14.10.2003.

- i. Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No.657 of 1995 dated 14th October 2003.
- ii. Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises.

GENERAL CONDITION:

12. Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of **05 meters** width is developed.
13. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
14. In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.
15. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
16. The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable).
17. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:
Between 6 A.M. and 10 P.M.: 75 dB (A)
Between 10 P.M. and 6 A.M.: 70 dB (A)
18. Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
19. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property, in that case they are obliged to pay the compensation as determined by the competent authority.

**For and on behalf of
Gujarat Pollution Control Board**


(T. B. SHAH)

Environmental Engineer



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

R.P.A.D.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, framed under the Environmental (Protection) Act-1986.

And whereas Board has received CC& A application inward no: **155651** dated **27/04/2019** for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To,

M/S. SANDHYA ORGANIC CHEMICAL PVT LTD,

PLOT NO: 808/A/2, PHASE-III,

GIDC ESTATE, VAPI-396195,

TAL: PARDI, DIST: VALSAD.

1. Consent Order No.: AWH- 102165, Date of issue: 10/06/2019.
2. The consents shall be valid up to **31/03/2024** for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Products	Quantity (MT/M)
1.	Aluminium Phosphide	100
2.	Zinc Phosphide	100

3. CONDITIONS UNDER THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT 1974:

- 3.1 The quantity of total fresh water consumption shall not exceed 20 KLD as per break up mentioned in form D submitted for consent application under the Water (Prevention and Control of Pollution) Act-1974. Source of fresh water shall only from GIDC supply.
 - a) Industrial: 14.5 KLD
 - b) Domestic: 5.5 KLD
- 3.2 Total quantity of effluent generated from manufacturing process and other ancillary operation shall not exceed 3.3 KLD.
- 3.3 Generated 3.3 KLD waste water shall be reused.
- 3.4 The quantity of Domestic waste water (Sewage) from the industry shall not exceed 5.5 KLD.

M/s. Sandhya Organic Chemical Pvt Ltd (PCB ID-24325)

Page 1 of 5

Clean Gujarat Green Gujarat
ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation

3.5 Domestic effluent shall be disposed off through septic tank/soak pit system.

4. **CONDITIONS UNDER THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT 1981:**

4.1 The following shall be used as fuel in Baby Boiler, D.G.Set.

Sr. No.	Fuel	Quantity
1.	Natural Gas for Baby Boiler	6000 SCM/M
2.	HSD for D.G.Set	36 Lits/Hr

4.2 The flue gas emission through existing stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Parameter	Permissible Limit
1.	Baby Boiler (300 Kg/Hr)	11	PM	150 mg/Nm ³
2.	D.G.Set (125 KVA)	11	SO ₂	100 ppm
			NO _x	50 ppm

4.3 The process emission through various stacks/vent of reactors, process, vessel shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air pollution Control System	Parameter	Permissible Limit
1.	ALP/Zinc Reactor	30	Scrubbing System	P ₂ O ₅	09 mg/Nm ³
2.	Blender	11	Dust Collector	PM	150 mg/Nm ³
3.	Tablet Machine				
4.	POCL ₃ Reactor	11	Alkali Scrubber	CL ₂ HCL	09 mg/Nm ³ 20 mg/Nm ³

4.4 The concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack / vent with height of more than 9 meters from the ground level) shall not exceed the following levels:

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in µg/M ³
1.	Sulphur Dioxide (SO ₂)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO ₂)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM ₁₀	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM _{2.5}	Annual 24 Hours	40 60
5.	Carbon Monoxide (CO) mg/m ³	8 Hours 1 Hour	02 04



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

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Website : www.gpcb.gov.in

4.5 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

4.6 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB (a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

5. GENERAL CONDITIONS:

5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

5.2 Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).

6. **Authorization under Hazardous and Other Waste (Management and Transboundary Movement) Rules-2016, Form-2 (See rule 6(2))**

6.1 Number of authorization: AWH-102165, Date of issue: 10/06/2019.

6.2 Reference of application No. 155651 and date: 27/04/2019.

6.3 **M/S. SANDHYA ORGANIC CHEMICAL PVT LTD**, is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at **PLOT NO: 808/A/2, PHASE-III, GIDC ESTATE, VAPI-396195, TAL: PARDI, DIST: VALSAD.**

Details of authorization:

Sr. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co-processing, etc.	Quantity
1.	Used Oil	5.1 Collection, Storage, Transportation, Disposal by selling to registered recycler.	0.08 MT/Year
2.	Discarded Containers/ Bags/Liners	33.1 Collection, Storage, Transportation, Disposal by selling to authorized recycler.	3.1 MT./Year
3.	Phosphori Acid	B15 Collection, Storage, In house treatment within premises.	1200 MT/Year

6.4 The authorization shall be valid for a period of **31/03/2024**.

6.5 The authorization is subject to the following general and specific conditions:

M/s. Sandhya Organic Chemical Pvt Ltd (PCB ID-24325)

Page 3 of 5

A. General Conditions under Hazardous and other Wastes (Management and Transboundary Movement) Rules-2016;

1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorization shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions:

1. The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, **Gandhinagar** 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

2. Handing over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.
3. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
4. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or GPCB from time to time.
5. Unit shall comply provisions of E-Waste (Management) Rules-2016.

For and on behalf of
Gujarat Pollution Control Board


(Sushil Vegda)

Senior Environmental Engineer

NO: GPCB/CCA-VSD-594(2)/ID: 24325/

Date:

Issued to:

M/S. SANDHYA ORGANIC CHEMICAL PVT LTD,
PLOT NO: 808/A/2, PHASE-III,
GIDC ESTATE, VAPI-396195,
TAL: PARDI, DIST: VALSAD.

M/s. Sandhya Organic Chemical Pvt Ltd (PCB ID-24325)

Clean Gujarat Green Gujarat

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation

Page 5 of 5

Outward No: 512753, 06/07/2019

COMPLIANCE REPORT OF CONSENT TO RENEWAL

For Water (Prevention and Control of Pollution) Amendment Act –1988, Air (Prevention and Control of Pollution) Amendment Act – 1981:

LIST OF PRODUCTS & PRODUCTION CAPACITY PER YEAR AS PER CONSET TO RENEWAL:

Compliance of conditions under Water Act: Order Ref. No. of Water Act: AWH-102165 Date- 10/06/2019		
Sr. No.	CONDITION	COMPLIANCE REPORT
1.	This consent is valid up to	31-03-2024
2.	The consent is valid for the manufacture of following items	
Sr. No.	Product	Quantity (MT/M)
1.	Aluminum Phosphide	100
2.	Zine Phosphide	100
3. Condition under The Water Act (Prevention and control of pollution) Act 1974:		
3.1	The quantity of total fresh water consumption shall not exceed 20 KLD as per break up mentioned in form D submitted for consent application under the water Act (Prevention and control of pollution) Act 1974. Source of fresh water shall only from GIDC supply.	Our total fresh water requirement is met from GIDC water supply, Vapi, which is not exceeding 20 KL/Day.
3.2	Total quantity of effluent generated from manufacturing process and other ancillary operation shall not exceed 3.3 KLD.	No wastewater is generated from industrial process; Water from washing is reused for scrubbing system. Total washing and scrubbing water is used to scrub phosphorous pent oxide to recover Phosphoric Acid as by product.
3.3	Generated 3.3 KLD waste water shall be reused.	No wastewater is generated from industrial process; Water from washing is reused for scrubbing system. Total washing and scrubbing water is used to scrub phosphorous pent oxide to recover Phosphoric Acid as by product.
3.4	The quantity of domestic waste water (Sewage) from the industry shall not exceed 5.5 KLD.	The quantity of domestic waste water (Sewage) from the industry which is not exceeding 5.5 KLD.
3.5	Domestic effluent shall be disposed off through septic tank/soak pit system.	Domestic waste water generated is disposed off through septic tank into soak pit.

4.	CONDITION UNDER THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT 1981:							
4.1	The following shall be used as fuel in Baby Boiler D.G. Set.			We are used natural gas as a fuel for baby boiler @6000 SCM/M. We are used HSD as a fuel for D.G. Set @36 Lits/Hr.				
	Stack No.	Fuel	Quantity					
	1.	Natural Gas for Baby Boiler	6000 SCM/M					
		2.	HSD for D.G.Set	36 Lits/Hr				
4.2	The flue gas emission through existing stack shall conform to the following standards:			We are conforming to the GPCB standard for stack monitoring.				
	Stack No.	Stack attached to	Stack Height in meter			Parameter	Permissible Limit	
	1.	Baby Boiler (300 Kg/Hr)	11			PM SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm	
	2.	D.G. Sets (125 KVA)	11					
4.3	The process emission through various stack/vent of reactors, process, vessel shall conform to the following standards:			We regularly monitored the efficiency of scrubber to achieve the prescribed standard. Stack monitoring test report of process emission are enclosed as Annexure-I . The Summary of last six-month flue gas emission monitoring results is provided as Tale No.1.				
	Stack No.	Stack attached to	Stack Height in meter			Air Pollution Control System	Parameter	Permissible Limit
	1.	ALP/Zinc Reactor	30			Scrubbing System	P ₂ O ₆	09 mg/NM ³
	2.	Blender	11			Dust Collector		
	3.	Tablet Machine						
	4.	POCl ₃ Reactor	11	Alkali Scrubber	CL ₂ HCL	09 mg/NM ³ 20 mg/NM ³		
-								

Table No.1: Stack Monitoring Data

Stack Monitoring Data (Period: October -2020 to March -2021)						
Month & Year	Date	Stack Sampling Attached to	Parameter with Results			
			PM mg/m ³	SO ₂ ppm	NO ₂ ppm	P ₂ O ₅ mg/Nm ³
October-20	06/10/20	D.G. set (250 KVA)	45	19	15	-
		Baby Boiler(300Kg/hr)	18	N.D.	13	-
		ALP/Zinc Reactor	-	-	-	6.3
		Blender	21	-	-	-
		Tablet Machine	28	-	-	-
January-21	30/01/21	D.G. set (250 KVA)	37	22	14	-
		Baby Boiler(300Kg/hr)	21	N.D.	14	-
		ALP/Zinc Reactor	-	-	-	6.9
		Blender	17	-	-	-
		Tablet Machine	22	-	-	-
Specific Value			<150	<100	<50	10*
Note: Process gas and flue gas emission monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi, NABL Certificate No. TC-7753, NABL Valid Until: 22.09.2022. *National Emission Standards for pesticide Manufacturing and Formulation Industry issued by the Ministry vide G.S.R. 446(E) dated 13.06.2011.						

4.4	The concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack / vent with height than 9 meters from the ground level) shall not exceed the following levels:	Ambient air quality monitoring station has been set up in the down wind direction at 6 ft from ground level as per consultation with GPCB. The ambient air quality monitoring report is enclosed as Annexure-I.
4.5	The applicant shall provide portholes ladder platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1. S-2. Etc. and these shall be painted/displayed to facilitate identification.	We do comply with the condition. We have provided portholes, ladder, platform etc at chimney(s) for monitoring the air emission and the same has been open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission are designed by numbers such as S-1, S-2, etc. and these are painted/displayed to facilitate identification.
4.6	The industry shall take adequate measures for control of noise levels from its own sources within the Premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.	We regularly monitor noise level within the premises through NABL accredited laboratory. The test report of which are enclosed herewith as Annexure: I. The ambient noise level is well within the permissible limit prescribed under Environment (protection) Act, 1986 Rules,1989 viz. 75 dBA (day time) and 70 dBA (night time). The Summary of noise level monitoring is provided in the Table no.2 mention below:

Table No.2: Noise Monitoring Data


Noise Monitoring Data (Period: October – 2020 to March - 2021)						
Month /Year	Date of Monitoring	Time of Monitoring	Within Company premises			
			Noise Level dB (A)			
			Direction			
			East	West	South	North
October-20	03/10/2020	Day Time	63.8	70.3	72.4	65.6
		Night Time	58.2	63.5	66.9	57.1
		Outside D.G. Set (250 KVA) (Day Time)	73.5	73.8	74.1	73.7
January-21	30/01/2021	Day Time	66.2	71.9	73.5	62.7
		Night Time	61.5	66.8	65.2	55.4
		Outside D.G. Set (125 KVA) (Day Time)	73.2	74.0	73.7	73.5
NOTE: Permissible Limit CPCB (Day Time): <75 Db(A), Permissible Limit CPCB (Night Time): <70 Db(A)						
Noise monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi, NABL Certificate No. TC-7753, NABL Valid Until: 22.09.2022.						

-

5.	GENERAL CONDITIONS:	
5.1	Any change in personal equipment or working conditions as mentioned in the consent's form/order should immediately be intimated to this Board.	We have taken note of the condition and we shall comply with the same.
5.2	Management of solid waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (Solid waste as defined in Rule-3(46)).	We provided the facility for collection, storage within factory premises transportation and ultimate disposal of hazardous wastes.
6.	Authorization under Hazardous and Other Waste (Management and Transboundary Movement) Rules-2016, Form-2 (See rule 6(2))	
6.1	Number of authorizations: AWH-102165, Date of issue: 10/06/2019.	Consent Order No.: AWH-102165, Date of issue: 10/06/2019.
6.2	Reference of application No. 155651 and 27/04/2019.	Consent Application No.: 155651 and 27/04/2019.

6.3	<p>M/s. SANDHYA ORGANIC CHEMICAL PVT.LTD is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at plot No.:808/A/2, Phase-III, GIDC Estate, Vapi-396 195, Dist: Valsad.</p> <p>Details of authorization:</p> <table><tr><th>Sr.No.</th><th>Category of Hazardous Waste as per the schedules I, II and III of these rules</th><th></th><th>Authorized mode of disposal or recycling or utilization or co-processing, etc.</th><th>Quantity</th></tr><tr><td>1.</td><td>Used Oil</td><td>5.1</td><td>Collection storage transportation disposal by selling to registered recycler.</td><td>0.08 MT/Y ear</td></tr><tr><td>2.</td><td>Discarded Containers/Bags/ Liners</td><td>33.1</td><td>Collection storage transportation disposal by selling to registered recycler.</td><td>3.1 MT/Y ear</td></tr><tr><td>3.</td><td>Phosphoric Acid</td><td>B 15</td><td>Collection storage in house treatment within premises.</td><td>1200 MT/Y ear</td></tr></table> <p>-</p>	Sr.No.	Category of Hazardous Waste as per the schedules I, II and III of these rules		Authorized mode of disposal or recycling or utilization or co-processing, etc.	Quantity	1.	Used Oil	5.1	Collection storage transportation disposal by selling to registered recycler.	0.08 MT/Y ear	2.	Discarded Containers/Bags/ Liners	33.1	Collection storage transportation disposal by selling to registered recycler.	3.1 MT/Y ear	3.	Phosphoric Acid	B 15	Collection storage in house treatment within premises.	1200 MT/Y ear	<p>We shall comply with this condition.</p>
Sr.No.	Category of Hazardous Waste as per the schedules I, II and III of these rules		Authorized mode of disposal or recycling or utilization or co-processing, etc.	Quantity																		
1.	Used Oil	5.1	Collection storage transportation disposal by selling to registered recycler.	0.08 MT/Y ear																		
2.	Discarded Containers/Bags/ Liners	33.1	Collection storage transportation disposal by selling to registered recycler.	3.1 MT/Y ear																		
3.	Phosphoric Acid	B 15	Collection storage in house treatment within premises.	1200 MT/Y ear																		
6.4	<p>The authorization shall be valid for a period of 31/03/2024.</p>	<p>CC&A Valid up to: 31/03/2024.</p>																				
6.5	<p>The authorization is subject to the following general and specific conditions:</p>	<p>We do comply with this condition.</p>																				
A.	<p>General Conditions under Hazardous and other wastes (Management and Transboundary Movement) Rules-2016;</p>																					
1.	<p>The authorized person shall comply with the provision of the Environment (Protection) Act-1986 and the rules made there under.</p>	<p>We are complying with the provision of the Environment (Protection) Act-1986 and the rules made there under.</p>																				
2.	<p>The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat pollution Control Board.</p>	<p>We do comply with this condition.</p>																				
3.	<p>The persons authorized shall not rent, lend, sell, transfer or otherwise transport the</p>	<p>We do comply with this condition.</p>																				

	hazardous and other wastes what is permitted through this authorization.	
4.	Any unauthorized change in personnel. Equipment or working conditions as mentioned in the application by the persons authorized shall constitute a breach of this authorization.	We have taken note of the condition and we shall comply with the same.
5.	The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site-specific possible scenarios such as spillages, leakages, fire etc and their possible impacts and also carry out mock drill in this regard at regular interval of time.	We do comply with this condition.
6.	the person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"	We do comply with this condition.
7.	It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.	We do comply with this condition.
8.	The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.	We do comply with this condition.
9.	The record of consumption and fate of the imported hazardous and other wastes shall be maintained.	We do comply with this condition.
10.	The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.	We do comply with this condition.
11.	The importer or exporter shall bear the cost of import or export and mitigation of damages if any.	We do comply with this condition.
12.	An application for the renewal of an authorization shall be made as laid down under these Rules.	We do comply with this condition.
13.	Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate change or central pollution control board from time to	We do comply with this condition.

	time.	
14.	Annual return shall be filed by June 30 th for the period ensuring 31 st March of the year.	<p>We are regularly submitting the environmental statement for each financial year ending 31st March in Form-V to the Gujarat pollution control committee.</p> <p>A acknowledge copy of the Form - V submission to GPCB is enclosed herewith as Annexure: - VI.</p> <p>A acknowledge copy of the Form – V is provided as fig.no.1.</p> <p>Fig.No.1: Acknowledge Copy of Form-V</p> 
B.	Specific Conditions	
1.	The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the state pollution control board along with the authorization.	We do comply with this condition.
2.	Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.	We do comply with this condition.
3.	In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the condition specified in the authorization for hazardous and other wastes shall be submitted to SPCB.	We do comply with this condition.
4.	The occupier of the facility shall comply standard operating procedure/guidelines published by MoEF&CC or CPCB or GPCB from time to time.	We do comply with this condition.
5.	Unit shall comply provisions of E-Waste (Management) Rules-2016	We do comply with this condition.

TEST REPORT (AMBIENT AIR MONITORING)

ULR - TC775321000001588F

Test Report No.	URA/21/01/A-088	Report Issue Date	06/02/2021		
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021		
Sample ID No.	URA/ID/A-21/01/088	Field Data Sheet No.	URA/FDS/A-21/01/088		
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).				
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021		
Sampling Procedure:	CPCB Guideline				
Location of Sampling / Monitoring	Within Company Premises				
Environmental Conditions during Sampling:	Temp.:	Min.: 16 °C	Max.: 30 °C	Avg.: 23 °C	
	Rel. Humidity:	Min.: 32 %	Max.: 84 %	Avg.: 58 %	

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/34	Respirable Dust Sampler	1768-DTB-2013 1147-DTB-2013	02/08/2020	01/08/2021
UERL/AIR/FPS/21	Fine Particulate Sampler	20-DTC-2012	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24
2.	Flow Rate of PM ₁₀	m ³ /min	1.22
3.	Volume of Air Sampled for PM ₁₀	m ³	1756
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.04
5.	Flow Rate for Gas	L/min	0.2
6.	Volume of Air Sample for Gas	L	288

➤ **Environmental Conditions during testing:** Temp.: $25 \pm 5^\circ\text{C}$, Relative Humidity: 40 to 50%

➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit (As per NAAQMS)	Test Method
1.	Particulate Matter. (PM ₁₀)	µg/m ³	89	100	IS - 5182, Part - 23
2.	Particulate Matter. (PM _{2.5})	µg/m ³	33	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide	µg/m ³	16.7	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide	µg/m ³	25.4	80	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Acad.

Ankur R. Patel

(Supervisor)

Page No.: 1 of 1

Authorized By:

Stanley

Jaivik S. Tandel

(Manager - Operations)

UURL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

ULR - TC775321000001589F			
Test Report No.	URA/21/01/W-013	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/W-21/01/013	Field Data Sheet No.:	URA/FDS/W-21/01/013
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021
Location of Sampling / Monitoring	Blending Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254-DTG-2008 3490-DTG-2008	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.23
3.	Volume of Air Sampled	m ³	590

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	2.0	10

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:

Jalvik S. Tandel

Jalvik S. Tandel
(Manager - Operations)
UERL/AIR/F-79/00

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT
(WORKPLACE AIR OR INDOR AIR MONITORING)

ULR - TC775321000001590F			
Test Report No.	URA/21/01/W-014	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/W-21/01/014	Field Data Sheet No.:	URA/FDS/W-21/01/014
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021
Location of Sampling / Monitoring	Pot Fire Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UURL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.25
3.	Volume of Air Sampled	m ³	600

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	3.1	10

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

Ankur R. Patel
(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel
(Manager - Operations)
UURL/AIR/F-79/00

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT (WORKPLACE AIR OR INDOR AIR MONITORING)

ULR - TC775321000001591F			
Test Report No.	URA/21/01/W-015	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/W-21/01/015	Field Data Sheet No.:	URA/FDS/W-21/01/015
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Dates of Sampling	30/01/2021	Date of Testing	01/02/2021
Location of Sampling / Monitoring	Tableting Area		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/04	Respirable Dust Sampler	1714-DTE-2010 2681-DTC-2005	01/08/2020	31/07/2021

➤ **General Sampling / Monitoring Observation.**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	8
2.	Flow Rate	m ³ /min	1.21
3.	Volume of Air Sampled	m ³	580

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	TWA concentration (As given in Schedule II as per factory act.)
1.	Total Dust	mg/m ³	2.6	10

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

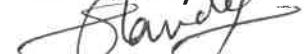
Checked By:



 Ankur R. Patel
 (Supervisor)

Page No.: 1 of 1

Authorized By:



 Jaivik S. Tandel
 (Manager - Operations)
 UERL/AIR/F-79/00

Note: This report is subject to Terms and Conditions mentioned overleaf.

TEST REPORT (STACK MONITORING)

ULR - TC775321000001592F			
Test Report No.	URA/21/01/S-146	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/146	Field Data Sheet No.:	URA/FDS/S-21/01/146
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	Baby Boiler (300 kg/hr)		
Air Pollution Control Device	--		
Fuel Used	Natural Gas		

➤ Details of Instrument Used for Monitoring

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ General Stack Monitoring Observation

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	11
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	101
6.	Exit Gas Velocity	m/s	7.95
7.	Exit Gas Flow	m ³ /h	898

➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	21	<150	IS 11255(Part - 1)
2.	Sulphur Dioxide	ppm	N.D.	<100	IS 11255(Part - 2)
3.	Oxide of Nitrogen	ppm	14	<50	IS 11255(Part - 7)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

(Supervisor)

Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

(Manager - Operations)

UERL/AIR/F-04/04

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TEST REPORT
(STACK MONITORING)

ULR - TC775321000001593F			
Test Report No.	URA/21/01/S-147	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/147	Field Data Sheet No.:	URA/FDS/S-21/01/147
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	Blender		
Air Pollution Control Device	Dust Collector		
Fuel Used	--		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	10
2.	Stack Dia	mm	150
3.	Stack Area	m ²	0.0176
4.	Ambient Temperature	°C	29
5.	Exit Gas Velocity	m/s	10.88
6.	Exit Gas Flow	m ³ /h	689

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	17	<150	IS 11255(Part - 1)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

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Page No.: 1 of 1

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Jaivik S. Tandel

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UERL/AIR/F-04/04

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TEST REPORT
(STACK MONITORING)

ULR - TC775321000001594F			
Test Report No.	URA/21/01/S-148	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/148	Field Data Sheet No.:	URA/FDS/S-21/01/148
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	Tablet Machine		
Air Pollution Control Device	Dust Collector		
Fuel Used	--		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	10
2.	Stack Dia	mm	150
3.	Stack Area	m ²	0.0176
4.	Ambient Temperature	°C	29
5.	Exit Gas Velocity	m/s	9.47
6.	Exit Gas Flow	m ³ /h	600

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	22	<150	IS 11255(Part - 1)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

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Page No.: 1 of 1

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Jaivik S. Tandel

Jaivik S. Tandel
(Manager - Operations)
UERL/AIR/F-04/04

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**TEST REPORT
(STACK MONITORING)**

ULR - TC775321000001595F			
Test Report No.	URA/21/01/S-149	Report Issue Date:	06/02/2021
Service Request form No.	URA/SRF/01/064	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/149	Field Data Sheet No.:	URA/FDS/S-21/01/149
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	D. G. Set (250 KVA)		
Air Pollution Control Device	--		
Fuel Used	HSD		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	11
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	250
6.	Exit Gas Velocity	m/s	19.10
7.	Exit Gas Flow	m ³ /h	2159

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Method of Test
1.	Particulate Matter	mg/Nm ³	37	<150	IS 11255(Part - 1)
2.	Sulphur Dioxide	ppm	22	<100	IS 11255(Part - 2)
3.	Oxide of Nitrogen	ppm	14	<50	IS 11255(Part - 7)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

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Page No.: 1 of 1

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Jaivik S. Tandel

Jaivik S. Tandel

(Manager - Operations)

UERL/AIR/F-04/04

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**TEST REPORT
(STACK MONITORING)**

Test Report No.	URA/21/01/S-SOC240	Report Issue Date:	02/02/2021
Service Request form No.	URA/SRF/01/070	Service Request Date	30/01/2021
Sample ID No.	URA/ID/S-21/01/240	Field Data Sheet No.:	URA/FDS/S-21/01/240
Name & Add. of Customer	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Date of Sampling	30/01/2021	Date of Testing	30/01/2021
Stack Sampling Attached to	ALP/Zinc Reactor		
Air Pollution Control Device	Scrubbing System		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL/AIR/SMK/06		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	125 DTG 18
Calibration Date	01/07/2020	Next Calibration Due On	30/06/2021

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	200
3.	Stack Area	m ²	0.0314
4.	Ambient Temperature	°C	30
5.	Exit Velocity	m/s	11.57
6.	Exit Flow	m ³ /h	1307

➤ **Test Parameter Results**


DISCIPLINE - CHEMICAL TESTING			NAME OF GROUP - ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit	Result	Permissible Limit
1.	Phosphorous Pentoxide (as P ₂ O ₅)	mg/Nm ³	6.9	<9

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:


Ankur R. Patel
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Page No.: 1 of 1

Authorized By:


Jaivik S. Tandel
(Manager - Operations)
UERL/AIR/F-04/04

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TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC775321000001596F			
Test Report No.:	URA/21/01/AN-067	Date Of Report:	06/02/2021
Name & Add. Of Industries	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Sampling Method	IS : 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09D	Sound Level Meter	309 DTK 2015	04/07/2020	04/07/2021

Date and Time of Monitoring : 30-01-2021

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Direction	Noise Level dB(A)	Permissible Limit CPCB
1.	Within Company Premises	East	66.2	<75 dB(A) Day Time
		West	71.9	
		South	73.5	
		North	62.7	
2.	Within Company Premises	East	61.5	<70 dB(A) Night Time
		West	66.8	
		South	65.2	
		North	55.4	

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time(10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

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Page No.: 1 of 1

Authorized By:

Jaivik S. Tandel

Jaivik S. Tandel

(Manager - Operations)

UERL/AIR/F-18/03

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TEST REPORT

SOURCE NOISE LEVEL MONITORING REPORT

ULR - TC775321000001597F			
Test Report No.:	URA/21/01/SN-016	Date Of Report:	06/02/2021
Name & Add. Of Industries	M/s. Sandhya Organic Chemicals Pvt. Ltd. Plot No. 808/A/2, 3 rd Phase, G.I.D.C. Estate, Vapi - 396195 (Gujarat).		
Sampling Method	IS : 4758 : 1968		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09D	Sound Level Meter	309 DTK 2015	04/07/2020	04/07/2021

Date and Time of Monitoring : 30-01-2021 at 13:50 Hrs. (Day Time)

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Direction	Noise Level dB(A)	Permissible Limit CPCB
1.	Out Side D. G. Set (250 KVA) (1 meter away from D. G. Set)	East	73.2	<75 dB(A)
		West	74.0	<75 dB(A)
		South	73.7	<75 dB(A)
		North	73.5	<75 dB(A)

Remarks:

Opinion & Interpretation (if required):

***** End of Report *****

Checked By:

Ankur R. Patel

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Page No.: 1 of 1

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UERL/AIR/F-19/03

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Annexure-X

➤ MoEF Data Sheet

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment & Forest
Western Region, Regional Officer, Bhopal

MONITORING REPORT

PART – I
DATA SHEET

1.	Project type: River – valley/ Mining/ Industry/ Thermal/ Nuclear/ Others (specify)	:	Industry				
2.	Name of the project	:	M/s. Sandhya Organic Chemicals Pvt. Ltd.				
3.	Clearance letter (s) / OM No. and date	:	No. J-11011/481/2011-IA.II (I) date: 25/06/2015				
4.	Location a) District (s) b) State (s) c) Location Latitude / Longitude	:	Valsad, Gujarat <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td>Longitude</td><td>Latitude</td></tr><tr><td>72°55'37.61"</td><td>20°22'43.47"</td></tr></table>	Longitude	Latitude	72°55'37.61"	20°22'43.47"
Longitude	Latitude						
72°55'37.61"	20°22'43.47"						
5.	Address for Correspondence a) Address of the Concerned Chief Engineer (with Pin Code & Mob. No./Telephone/ Telefax/E-mail) b) Address of the Concerned Project Engineer (with Pin Code & Mob. No. /Telephone/ Telexfax/ E-mail)	:	Mr. Kantilal M Koli Plot. No. 203 & 204, Residential Bunglow area, Saurabh Society, GIDC Vapi, Dist: Valsad. Mo No: 09725260270				
6.	Salient Features a) of the Project b) of the Environment Management Plant	:	Enclosed As Annexure-I Enclosed As Annexure-II				
7.	Break up of the Project Area a) Submergence area : Forest & Non-Forest b) Others	:	-- Enclosed As Annexure-III				
8.	Break up of the project affected population with enumeration of those losing Houses / Dwelling units only, Agricultural Land, Both Dwelling Unit & Agricultural Land & Landless Laborers / Artisans: a) SC, ST / Adivasi b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out give details and year of survey)	:	Not Applicable Not Applicable Not Applicable				
9.	Financial Details : a) Project Cost as originally revised	:	Pls. refer Annexure III				

	<p>estimates and the year of price reference</p> <p>b) Allocation made for environmental management plans with item wise and year wise break-up</p> <p>c) Benefit cost ratio/internal rate of Return and the year of assessment (if applicable)</p> <p>d) Whether above includes the cost of environmental management as shown in the above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the environmental management plan so far</p>	: : : : : :	
10.	Forest Land Requirement <p>a) The status of approval for diversion of forest land for non-forestry use</p> <p>b) The status of clearing felling</p> <p>c) The status of compensatory afforestation, if any</p> <p>d) Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far</p>	: : : :	<p>The unit is located in Vapi GIDC.</p> <p>The unit is located in Vapi GIDC.</p> <p>The unit is located in Vapi GIDC.</p>
11.	The Status of Clear Felling in non-forest areas (Such as submergence area or reservoir, approach Roads.), if any with quantitative information.	:	The unit is located in Vapi GIDC.
12.	Status of Construction <p>a) Date of Commencement (Actual & / or planned)</p> <p>b) Date of Completion (Actual & / or planned)</p>	: :	<ul style="list-style-type: none"> Date of final Approval of the project – E.C. LETTER NO J-11011/481/2011-IA.II (I) dt. 25/06/2015. Date of start of the Project – Consent Order No.: AWH-63833, Date of issue:31/07/2014
13.	Reason for the delay if the project is yet to start.	:	None
14.	Dates of Site Visit <p>a) The dates on which the project was monitored by the Regional Officer on previous occasions, if any</p> <p>b) Date of site visits for this monitoring report</p>	: :	<p>MoEF&CC Regional office, Bhopal visited the site on 19-10-2019.</p> <p>--</p>
15.	<p>Details of correspondence with project authorities for obtaining action plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visit.</p> <p>(The first monitoring report may contain the details of all the letters issued so far but the later reports may cover only the letters issued subsequently)</p>		<p>MoEF&CC Regional office, Bhopal visited the site on 19-10-2019.</p> <p>The additional observations and present status with adequate reasoning and supporting data is enclosed as EC compliance Annexure No-XIII.</p>

Annexure I

SAILANT FEATURES OF THE PROJECT AND ENVIRONMENT MANAGEMENT PLAN

Name of the Project : M/s. Sandhya Organic Chemicals Pvt. Ltd.

Location : Plot. No. 808 A/2, 3rd Phase,
GIDC Estate, Vapi -396 195
Dist: Valsad (Gujarat).

Project

- ⇒ M/s. Sandhya Organic Chemicals Pvt. Ltd. falling under Small Scale category manufacture “Pesticides(Rodenticides) compound” at Plot No. 808 A/2, 3rd Phase, GIDC Estate, Vapi- 396 195, Dist- Valsad (Gujarat).
- ⇒ Sandhya Organic Chemicals Pvt. Ltd. is located in GIDC notified industrial area falling under Small Scale category manufacturing Pesticides (Rodenticides) – Aluminium Phosphide and Zinc Phosphide for which the company had obtained CC&A from Gujarat pollution Control Board. Now the company proposes to enhance the production capacity of the existing products under the category “Pesticide (Rodenticides) Products” from 50MT/M to 200MT/M.
- ⇒ The company needs to get the Environmental Clearance from Ministry of Environment and Forest prior to commissioning of the proposed expansion project. The proposed expansion project involves the production of “Pesticide (Rodenticide) Compounds” which falls under item no. 5(b) – Pesticides Industry and intermediates (Category A) as per the EIA notification- 2006 (as amended).

Project Proponent

- ⇒ The company is a registered Private Limited company and is promoted by four Directors.

Sr.No.	Name of Proprietor	Residential Address
1.	Mr. Kantilal M Koli	Plot. No. 203 & 204, Residential Bunglow area, Saurabh Society, GIDC Vapi, Di; Valsad.
2.	Mrs. Sandhyaben K koli	
3.	Mr. Smit K Patel	
4.	Mr. Snehal K Patel	

- ⇒ Small Scale Unit

LIST OF PRODUCTS (MT / MONTH)

Sr. No.	Name of Products	Existing Quantity (MT/M)	Proposed Quantity (MT/M)	Total Quantity after expansion (MT/M)
1.	Aluminium Phosphide	25	75	100
2.	Zinc Phosphide	25	75	100
Name of by-products				
1	Phosphoric Acid (15 %)	25	75	100

The following are the salient features of the proposed expansion project :

Capacity of Manufacturing Plant	:	Existing : 50 MT / month After Proposed : 100 MT / month
By Products	:	Phosphoric Acid (15%)
Area Required	:	5336.64 m ²
Green Belt Area	:	Existing: 432 m ² Proposed: 0 Total area after proposed expansion: 432 m ²
Man Power Required	:	Existing: 32 Persons Proposed: 67 Persons
Water Requirement	:	Existing: 9.4 KL/D Domestic: 5.0 KL/D Industrial: 4.4 KL/D Proposed Additional: 10.6 KL/D Domestic: 0.5 KL/D Industrial: 10.1 KL/D
Effluent Generation	:	5.5 m ³ / day (Industrial) 4.0 m ³ / day (Domestic)
Disposal of Treated Effluent	:	<input type="checkbox"/> Used Oil: Disposal by selling to registered recyclers. <input type="checkbox"/> Discarded Containers: After decontamination will be sold to re-conditioners.
Source of Water Supply	:	GIDC supply Dept.
Air Pollution Control Measures	:	Existing Scenario: Steam Boiler Capacity : 300 Kg/Hr · PM <150 mg/Nm ³ · SO ₂ < 100 ppm · NO _x < 50 ppm D.G. Set Capacity: 125 KVA · PM <150 mg/Nm ³ · SO ₂ < 100 ppm · NO _x < 50 ppm
	:	Proposed Scenario: Steam Boiler Capacity: 300 Kg/Hr (stand-by) · PM <150 mg/Nm ³ · SO ₂ < 100 ppm · NO _x < 50 ppm D.G. Set Capacity: 125 KVA · PM <150 mg/Nm ³ · SO ₂ < 100 ppm · NO _x < 50 ppm Steam Boiler Capacity : 600 Kg/Hr · PM <150 mg/Nm ³ · SO ₂ < 100 ppm

		· NOx < 50 ppm
Fuel Requirement	:	Existing Scenario: Natural Gas - 66.66 SCMD HSD - 16 LPH Proposed Scenario: Natural Gas - 350 SCMD HSD - 16 LPH
Environmental protection measures	:	Rs. 40 Lakhs

Air Emission Control

There are flue gas emission emitted from the stack attached to boiler, thermopak & spray dryer. The other source of flue gas emission will be from the D. G. Set. However, it will be in operation only during emergency. The fuel currently used in the boiler, hot air generator & thermopak is Natural Gas. Hence, there will not be any air pollution control system for the same. However, for process stacks, scrubbers & carbon adsorber shall be provided for gaseous emission control of SO₂ & vapour of formaldehyde. The Company has proposed to install a stack of 11 m height to disperse flue gas emissions. Chimney height has been so chosen as to effectively disperse the generated pollutants, though in small quantity, effectively and ensures that the ground level concentrations of pollutants in the surrounding environment remain well within the permissible limits.

- Flue gas :Chimney of adequate height
- APC not required as natural gas is used.
- Process: Acid followed by alkali scrubber, carbon adsorption system.

Hazardous Waste Management

Sr. No.	Types of Waste	Quantity (MT/Year)	Packing	Storage Area In m ²	Treatment	Method of Disposal
1.	Used oil (5.1)	0.040	Drum	2	Storage & disposal	Sell to registered rerefiner
2.	Discarded containers (33.3)	30	Stack on pellets	5	Washing & sell	Utilized for packing of hazardous waste or sell to authorized recycler
3.	Used filter clothes (35.1)	1.0	drum	5	Washing & disposal	Dispose off into TSDF, Vapi
4.	Sludge from wet scrubber (36.1)	0.024	drum	2	Storage & disposal	Dispose off into TSDF, Vapi
5.	Waste from ETP (34.3)	3	Bags	10	Storage & disposal	Dispose off into TSDF, Vapi
6.	Gypsum waste from the process of Naphthalene Based (Powder)(26.1)	1428	Bags	50	Storage, sell or disposal	Sell to cement industries or Dispose off into TSDF,Vapi
7.	used carbon from carbon absorber	0.1	bags	1	Storage & disposal	Dispose off into TSDF, Vapi

Annexure - II

ENVIRONMENT MANAGEMENT PLAN:

1. GENERAL

1.1. INTRODUCTION

M/s. Sandhya Organic Chemicals Pvt. Ltd. falling under Small Scale category manufacture “Pesticides(Rodenticides) compound” at Plot No. 808 A/2, 3rd Phase, GIDC Estate, Vapi- 396 195, Dist- Valsad (Gujarat).

Sandhya Organic Chemicals Pvt. Ltd. is located in GIDC notified industrial area falling under Small Scale category manufacturing Pesticides (Rodenticides) – Aluminium Phosphide and Zinc Phosphide for which the company had obtained CC&A from Gujarat pollution Control Board. Now the company proposes to enhance the production capacity of the existing products under the category **“Pesticide (Rodenticides) Products” from 50MT/M to 200MT/M.**

1.2. PRELUDE

The Environmental Management Plan is defined as the environmental requirements and objectives of the project as well as the processes and procedures & it will govern project operational actions. The environmental management plan is mostly known in its abbreviated form as EMP. It constitutes the important part of an EIA study as the prime goal of EIA is to delineate the proper mitigation for probable impacts from the project. Basically, the EMP provides broad guidelines to minimize the potential environmental impacts from the project and to mitigate the consequences.

Adequately designed EMP serves as an essential tool & guidelines to strengthen the Environmental Management System to minimize or eliminate the predicted/identified adverse impacts during the impact assessment study. EMP also represents the commitment & efforts of the proponent to protect the environment as well as the neighbouring population to step forward with sustainable industrial development concept. EMP must ensure effective implementation, methodology & alternatives for mitigation measures planned / recommended to reduce or eliminate the adverse impacts likely or predicted to occur from various activities of the proposed project. Hence, the EMP has got high importance in formulation of EIA study report as well as in formulation of environmental management system.

It is understood that not only the study area but the region as a whole may get new economical fillip due to the proposed industrial development in an area but the company must have properly designed EMP to address all probable adverse impacts on the environment. In view of the study area and project requirements the proposed plan discusses appropriate measures to be considered during construction as well as operational phases. Mitigation measures at the source level and an overall management plan at the study area level are elicited in the present EMP so as to improve the

supportive capacity of the study area and also to preserve the assimilative capacity of the receiving bodies.

1.3. OBJECTIVE OF EMP

- The major objectives of the environmental management plan are:
- To comply with all the conditions of Approved TOR/ regulations/ applicable laws stipulated by MoEF or Central/ State Pollution Control Boards.
 - To control and remediate wastewater, emission & solid waste posing adverse impacts on environment by installing appropriate pollution control technology & equipment.
 - To plan & schedule environmental conservation & protection activities for the purpose of achieving environmental standards and to improve methods of environment management practices.
 - To improve workplace conditions for employees by reducing every kind of pollution and improving workplace environment/ atmosphere.
 - To eliminate/ reduce the possibility of potential hazard due to operations.
 - To make budgetary provision and allocation of funds for environment management system and to timely revision of budgetary provisions.
 - To encourage and inspire employees & contractor for highest performance and attentive response for environmental conservation, protection & improvement.
 - To contribute significantly for sustainable development by resource conservation, waste minimization/recycling/reuse and approaching to Cleaner Production practices.

The proponent industry – Sandhya Organics will adequately implement the present environmental management plan for its proposed plant at GIDC Vapi for environmental protection, conservation & Improvement. As it has been studied & described in earlier chapters, the potential for environmental pollution during construction phase of the proposed project would not major but the operational phase would have some considerable impacts which need to be mitigated by efficient & adequate structural & operational measures. Also considering the probable impacts of construction phase, it is required implementing proper operational and some general structural measures to overcome the issues of adverse impacts on environment.

Considering these facts and the necessity of structural & operational measures for mitigation of impacts of the proposed project, the present environmental management plan with necessary procedures have been planned for control of pollution during proposed project operations. The environment management plan, thus prepared for construction & commissioning phase as well as operation phase, is presented below in subsequent sections under respective headings.

1.4. EHS MANAGEMENT CELL

Apart from having an environmental management plan, it is also necessary to have a permanent organisational set up charged with the task of ensuring effective

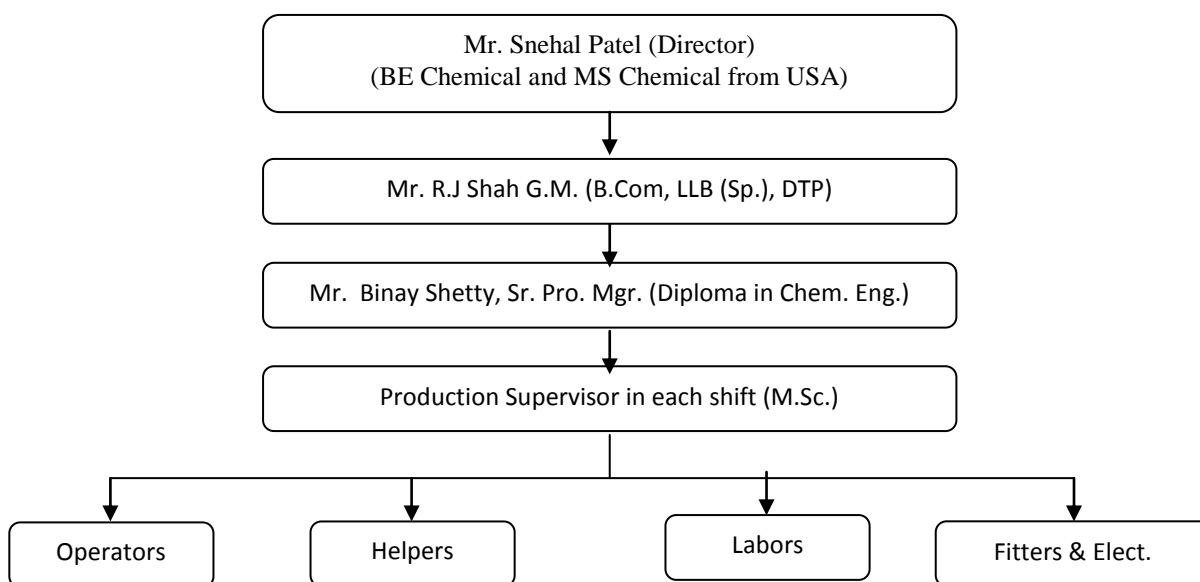
implementation. A designated team consisting of managers, officers, chemists, technicians, operators and other required personnel is formed to co-ordinate the activities concerned with environmental management and implementation of pollution control measures. The cell such formed keeps a close watch on the performance of the pollution control equipment, emissions from the sources and the quality of surrounding environment in accordance with the monitoring program. The cell undertakes the monitoring of environment pollution level internally and also by appointing external agency whenever necessary. In case the result of monitoring environment pollution found to be exceeding the prescribed value, the environmental management cell suggests remedial actions and get these suggestions implemented through the concerned plant authorities.

The cell also co-ordinates all the related activities such as safety & disaster/emergency management, hazard & risk prevention/control, collection of statistics of health of workers, population of the regions, afforestation and green belt development.

The cell also monitors for general and preventive maintenance of pollution control system done by the maintenance department to achieve optimum efficiency of the control equipment and to maintain the quality of the environment. The cell is also responsible for maintaining the records of all data, documents and information in line within the legislative requirement and will regularly furnish the same to the relevant authorities.

The setup of the Environmental Health & Safety Management Cell for proposed project will be the same as that of existing unit and as presented below in fig-1.1.

Figure 8.1: Organogram of EHS Cell



1.5. WATER & WASTEWATER MANAGEMENT

As described in earlier chapter, the minor quantity of water will be required temporarily during the tenure of construction activities, which will be met through GIDC water supply. Further, there would not be any kind of effluent generation and sewage will be disposed off through the sanitation facilities consist of septic tanks & soak pit. Thus, major mitigation measures are not required during construction phase. However, it is required that all possible efforts should be made to optimize the water consumption and to prevent wastage during the phase to reduce the impacts on surface water resources due to consumption.

The water requirement of after proposed project operation will be 20 KLD and wastewater generation will be 8.3 KLD. Further, as it has been planned that 100% wastewater from washing will be reused for scrubbing system. Total washing and scrubbing water is used to scrub phosphorous pent oxide to recover Phosphoric Acid as by product.

Thus, it has been noticed that the proponent has already planned & implemented major necessary mitigation measures for prevention/minimisation of the impact on water environment. Considering the planned mitigation measures & probable impacts, necessary recommendations are made below as EMP for Water & Wastewater Management including structural & non-structural measures.

Table 1.1: EMP for Water & Wastewater Management

Env. Issue	Mitigation measure	Implementation time & Responsibility
Construction & commissioning Phase		
Load on resources by consumption of water	<i>Structural measure:</i> <ul style="list-style-type: none">• Water Storage Tank• Earthen bund/barriers around the construction sites/areas• Proper material storage area, if required, properly lined with impervious materials	<ul style="list-style-type: none">• During construction & Commissioning,• Construction Head
	<i>Non-structural measure:</i> <ul style="list-style-type: none">• Optimization of water consumption by avoiding unusual runoff from construction activity area• Proper arrangement & maintenance and regular inspection of water supply line to prevent leak from pipes & taps/valves	<ul style="list-style-type: none">• During construction,• Construction Head
Wastewater Management & Prevention of water pollution	<i>Structural measure:</i> <ul style="list-style-type: none">• Proper sanitation facilities with septic tank & soak pit for disposal of sewage• Adequate structural facilities for prevention of any kind of contaminated	<ul style="list-style-type: none">• During Commissioning,• Construction Head

	<p>runoff from construction area causing impacts outside premises- storm water drain along unit's boundary is already constructed to prevent runoff outside of premises</p>	
	<p><i>Non-structural measure:</i></p> <ul style="list-style-type: none"> • Ensuring availability & proper utilization of sanitation facilities • Disposal of sewage through septic tank & soak pit only and regular checking & maintenance for prevention of leak & overflow • Regular inspection & management for prevention of any kind of contaminated runoff from construction area • Earthen/Temporary bunds/barriers to prevent runoff 	<ul style="list-style-type: none"> • During construction, • Construction Head
Operation Phase		
Load on resources by consumption of water	<p><i>Structural measure:</i></p> <ul style="list-style-type: none"> • Proper arrangements for withdrawal of GIDC water. • Metering facilities for GIDC water consumption • Adequately designed cooling tower/ system with optimized cooling water requirement & evaporative losses 	<ul style="list-style-type: none"> • During Operations, • Utilities in-charge, • HSE Head
	<p><i>Non-structural measure:</i></p> <ul style="list-style-type: none"> • Reduce wastage in domestic activities by preventing leak/spill from pipes, taps/ valves etc. • Use of Regular recording of water consumption, wastewater reuse quantity using flow meter • Maximum possible reuse of wastewater from washing and scrubbing. • Regular inspection, control & necessary maintenance for reduction of evaporation loss and blow down from cooling system • Minimisation of steam losses from boiler & steam lines and process • Optimisation of COC in cooling system 	<ul style="list-style-type: none"> • During operations, • Production In-charge • Utilities In-charge
Wastewater	<i>Structural measure:</i>	<ul style="list-style-type: none"> • During construction,

Treatment & discharge/ reuse/ recycle and prevention of water pollution	<ul style="list-style-type: none"> • Properly designed chemicals & hazardous waste storage area with properly lined impervious flooring • Stream Segregation pipelines/channels for Wastewater collection & treatment • Proper sanitation facilities with septic tank/ soak pit system for domestic wastewater discharge • Reuse of wastewater from washing for scrubbing system. Total washing and scrubbing water is used to scrub phosphorous pent oxide to recover Phosphoric Acid as by product. 	<ul style="list-style-type: none"> • Construction Incharge
	<i>Non-structural measure:</i> <ul style="list-style-type: none"> • Hazardous materials & wastes to be stored in designated storage area with impervious lining to prevent contamination of water • Prevention of mixing of any contaminated stream with storm water drainage • Maintaining records of water consumption, reuse of wastewater and maintenance of wastewater management system • Maintenance of good housekeeping to avoid contamination of water resources. 	<ul style="list-style-type: none"> • During operations, • HSE Head • Plant / Department In-charges

1.6. AIR POLLUTION CONTROL & MANAGEMENT

The issue of impact on air quality during construction phase is envisaged to be minor as construction is to be done for foundation and MS Structure. However, it has been noted that the air quality will be marginally affected due to emissions from vehicles, construction equipment & machineries as well as airborne construction materials and dusting from site. As the impacts are likely to be restricted within premises & in close proximity of site, no major structural mitigation measures are required. However, implementation of general structural & operational mitigation measures will be ensured to minimize the probable impacts of construction phase. Beside these, there would be considerable impacts on air due to emission from boilers, thermopacs & GG sets during the commissioning phase of proposed project. Hence, the commissioning phase requires major structural & operational mitigation measures mainly for control of pollution due to emissions.

During operation, ongoing emissions from the said utilities are the main source of impacts on air quality, which will be reduced after commissioning phase but would be noticeable. However, as the Natural Gas is proposed as the only fuel for the utilities, no specific APCDs are required for the utilities except provision of adequate stacks. In addition to these sources, air contamination due to accidental release of vapours & particulate of raw materials has also been anticipated. Hence, it has been suggested that utmost care will be taken to avoid such chances by providing adequate storage & handling facilities for materials by providing necessary structural & operational mitigation measures. Considering all these details related with necessary mitigation for proposed project, EMP for Air Pollution Control during construction & operation phase has been formulated as presented below in tabular structure.

Table 1.2: EMP for Air Emission Management

Env. Issue	Mitigation measure	Implementation & Responsibility
Construction & Commissioning Phase		
Temporary increased emissions from construction & commissioning operations	<i>Structural measure:</i> <ul style="list-style-type: none"> • Adequately designed enclosed area for reduction of particulate during materials storage & handling • Curtaining around the construction site to prevent particulate emission from construction works • Stacks of adequate height & internal diameter at top with sampling port. 	<ul style="list-style-type: none"> • During construction, • Construction Head
	<i>Non-structural measure:</i> <ul style="list-style-type: none"> • Properly designed method & practices of transportation, storage & handling of materials will be established and maintained along with necessary facilities to reduce airborne particle of materials • Proper ventilation & other condition in storage area will be ensured and all materials must be stored in suitable packing to prevent contamination of air due to particulates & volatile emissions from storage area • All construction equipment, machineries & utilities will be maintained on regular basis to reduces emission • PUC certificate in case of all vehicles engaged in construction work will be ensured • Engines of Idle machineries, equipment, vehicles to be turned off when 	<ul style="list-style-type: none"> • During construction, • Plant /Construction Head • HSE Head

	<p>not in use.</p> <ul style="list-style-type: none"> • Prior to commissioning of plant, completeness of structural measures including fuels supply system will be ensured. • Adequate NG supply will be ensured prior to commission & throughout the commissioning of utilities. • Stack Monitoring will be done during the commissioning phase on regular basis to prevent high emission from utilities. • Proper functioning of allied facilities of utilities will be ensured before the commissioning of plant • Provision of necessary PPEs for employees engaged in activities of storage, transportation & handling of materials as well as construction & commissioning operations 	
Operation Phase		
Stationary emissions	<p><i>Structural measure:</i></p> <ul style="list-style-type: none"> • Stacks of adequate height & internal diameter are to be provided for efficient dispersion of emission from proposed utilities • Sampling port & monitoring point are provided on all stacks • Provision of ID fan with utilities/ stack to maintain desired velocity of exit gas, if required • Provision of preventive maintenance facilities for Stacks, Utilities, Storage area/vessels, pipelines etc. • Safety arrangements, facilities & equipment to prevent accidental emissions 	<ul style="list-style-type: none"> • During construction, • Construction Head
	<p><i>Non-structural measure:</i></p> <ul style="list-style-type: none"> • Optimum air-fuel ratio (AFR) in the utilities as per specifications are ensured throughout operation period • Un-interrupted functioning of FD/ID fans, if provided, are ensured to prevent back pressure in utilities as well as to keep desired velocity of emission at top of stacks efficient dispersion of gaseous pollutants in emissions. 	<ul style="list-style-type: none"> • During operations, • Maintenance personnel • Plant In-charge

	<ul style="list-style-type: none"> • Adequate NG supply will be ensured prior to commission & throughout the commissioning of utilities and no other fuel will be used in the utilities except emergency conditions. • Regular monitoring is done as per the Environmental Monitoring Plan & CC&A for checking efficiency of control equipment. • SOPs for start-up, shutdown and operation & maintenance procedures should be established and maintained. • Adequate set of compatible spares, a copy of drawing and operating procedure as per design specifications should be maintained and made easily available. • Provision of adequate process safety controls • Adequate greenbelt coverage, around the plant • Proper implementation of safety procedures and efficient use of safety arrangements, facilities & equipment to prevent accidental emissions • Provision for necessary PPEs for employee engaged with hazard prone area. 	
Process & Fugitive emissions	<p><i>Structural measure:</i></p> <ul style="list-style-type: none"> • Dust collecting systems over dust generation points are provided with the help of bag filter for control of fugitive dust emissions during blending and Tableting activities. • Adequately designed storage area with efficient air change ratio, handling & transport facilities are provided for raw materials & products • Phosphoric Acid Recovery System in reactor unit • Adequately designed process vents for Scrubbing system. • Properly designed, installed & maintained Gas skid, PRV station & NG pipelines connected to the utilities. • Air handling unit /adequate air ventilation system of sufficient capacity is 	<ul style="list-style-type: none"> • During construction, • Plant in-charge • Construction Head

	<p>to be provided in the entire production plant</p> <ul style="list-style-type: none"> • Gravity charging from enclosed containers, and enclosed vacuum, pressure, and pumping systems during charging and discharging operations to minimize fugitive emissions; • Installation of local exhaust ventilation (LEV) at Tablet machine to capture fugitive dusts. 	
	<p><i>Non-structural measure:</i></p> <ul style="list-style-type: none"> • Properly designed method & practices of transportation, storage & handling of materials are established and maintained along with necessary facilities to reduce airborne particle of materials • Proper ventilation & other condition in storage & production area are ensured and all materials are stored in suitable packing to prevent contamination of air due to particulates & emissions from storage area • Closed materials charging and sampling practices are established & ensured. • Adequate function of P2O5 recovery system in reaction unit are ensured all the time • Proper velocity & function of Process vents are ensured all the time • SOPs for start-up, shut down, operation & maintenance procedures are established & maintained in all relevant area of works. • Work place monitoring for AAQM are done as per 'Post project monitoring plan' as well as regulatory requirement as per factory act. • Regular maintenance & operations of all process vent, P2O5 recovery system & gas pipeline for efficient functioning • Proper implementation of safety procedures and efficient use of safety arrangements, facilities & equipment are ensured at all time of operation to prevent accidental release of 	<ul style="list-style-type: none"> • During operations, • Plant in-charge

	materials & fuels as well as prevent fire hazard. <ul style="list-style-type: none"> • Provision for necessary PPEs for employee engaged with hazard prone area • Regular occupation health check-up program for all employee 	
Vehicular emissions	<i>Structural measure:</i> <ul style="list-style-type: none"> • Low emission vehicles are preferred for transportation 	<ul style="list-style-type: none"> • During construction, • Construction Head
	<i>Non-structural measure:</i> <ul style="list-style-type: none"> • Requirement of PUC are compulsory for all vehicle engaged in proposed project activities • Checking of PUC certificate for validity & emission level in exhaust of all entering vehicles • All vehicles are maintained in well condition by regular preventive maintenance to reduce the exhaust level 	<ul style="list-style-type: none"> • During operations, • Site President, • Security person • HSE Head

1.7. HAZARDOUS / NON-HAZARDOUS WASTE MANAGEMENT

During construction phase, earthen materials as well as construction wastes like concrete waste, waste, metal scrap and empty bags/containers are likely to be generated, which are nonhazardous & recyclable. As per the Hazardous Waste Management, Handling and Transboundary movement Rules – 2008; Used Oil & empty containers/drums/carboys are the Hazardous waste, to be generated from the unit during operational phase. The hazardous wastes are mandatory to manage as per statutory requirements and proponent has already made provision of the hazardous waste management system in their project planning. Hence, no major structural mitigation is required except proper waste storage area. All waste, is recycled/reused directly or indirectly so additional mitigation is not required.

The Company has made provision of well designed and adequate hazardous & non-hazardous waste storage area as per CPCB / MoEF guidelines. All wastes are disposed off through the proper disposal modes including the disposal through TSDF, authorised recycler/dealers as well as sell of non-hazardous waste to actual users &/or manufactures. The company has already acquired membership of TSDF for disposal of hazardous waste. These planned waste management system is adequate to manage the load from proposed project and thus this mitigation measures are efficient to prevent impacts of waste from proposed project. However, to ensure proper handling, storage and disposal of hazardous/ non-hazardous wastes, the following measures have been proposed by the industry or suggested by the EIA agency.

Table 1.3: EMP for Waste Management

Env. Issue	Mitigation Measure	Implementation & Responsibility
Construction & Commissioning Phase		
Construction Waste management.	<i>Structural measure:</i> <ul style="list-style-type: none"> • A separate designated storage area for each category of wastes and excavated earthen material/soil. • Proper handling & transportation system for construction wastes 	<ul style="list-style-type: none"> • During construction, • Construction Head
	<i>Non-structural measure:</i> <ul style="list-style-type: none"> • Proper storage of construction & other waste and excavated earthen material/soil. • Use of excavated soil for landscaping & gardening/greenbelt development • Sell of empty containers/bags and scrap to scrap dealer. 	<ul style="list-style-type: none"> • During construction, • Construction Head
Operation Phase		
Hazardous/ Non- Hazardous waste management.	<i>Structural measure:</i> <ul style="list-style-type: none"> • Provision of designated storage area as per MoEF/CPCB guidelines are provided with sign boards/labels for each category of hazardous & nonhazardous wastes generated from the unit. • Proper Handling & Transportation system /facilities for hazardous/nonhazardous wastes 	<ul style="list-style-type: none"> • During operation, • Plant In-charge • HSE Head
	<i>Non-structural measure:</i> <ul style="list-style-type: none"> • Proper storage of all hazardous wastes in their designated storage area. • Transportation of hazardous waste to the TSDF governed as per the guidelines and accompanied with Form-9 as per statutory provisions. • Annual returns of the disposal of wastes in Form- 4 and Form-13 are submitted regularly to the office of local pollution control authority. • Proper handling, loading & unloading of waste are monitored during waste handling, storage & transportation to avoid spillage/leak causing contamination of soil / environment • Adequate utilization of non-toxic/non-hazardous wastes and reusable/recyclable waste (especially empty 	<ul style="list-style-type: none"> • During operation, • Maintenance personnel • Plant In-charge • HSE Head

	containers & bags and used oil) are ensured by promoting recycler or end-users of products derived from such wastes.	
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1.8. OISE CONTROL & MANAGEMENT

As noticed, the noise generation during the construction will be temporary and restricted within premises. Only operations of construction equipment, machineries and installation works will be the main sources of noise and the issue of noise pollution from these sources can be reduced to acceptable level by proper mitigation measures. During operation phase, operation of D.G. Set & equipment like Ball Mill etc. will generate considerable noise, which will be significant only in the particular area of source. For noise reduction and attenuation, following measures have been proposed by the industry or suggested by the EIA agency.

Table 1.4: EMP for Noise Control

Env. issue	Mitigation measure	Implementation & Responsibility
Construction Phase		
Noise	<i>Structural measure:</i> <ul style="list-style-type: none"> Noise generating & vibrating equipments will be mounted on sturdy concrete foundations with rubber padding to reduce vibrations. All rotating equipment/equipment or part thereof will be dynamically balanced and provided with proper non/low vibrating enclosures Suitable barrier around the construction site wherever/ whenever required to reduce noise level outside the project premises Adequate greenbelt shall be developed to help in attenuation of noise 	<ul style="list-style-type: none"> During construction, Construction Head
	<i>Non-structural measure:</i> <ul style="list-style-type: none"> Regular lubrication & preventive maintenance will be done to reduce noise generation. Ear plugs/muff will be provided to all construction workers/employees at place of high noise levels All vehicles shall maintain speed limit inside the premises & loud horns & unusual acceleration of engine will be prohibited 	<ul style="list-style-type: none"> During operations, Maintenance personnel, Env. & Safety Manager
Operation Phase		
Noise	<i>Structural measure:</i> <ul style="list-style-type: none"> Noise generating equipments like D.G 	<ul style="list-style-type: none"> During construction, Construction Head

	set, Ball Mill etc. are kept in isolated closed room. • Adequate greenbelt will be developed and maintained around high noise area as well as plant premises to help in attenuation of noise.	
	<i>Non-structural measure:</i> • Regular lubrication & preventive maintenance are done to reduce noise generation • Use of PPE like ear plugs and ear muffs is made compulsory near the high noise generating machines. Moreover, the personnel are provided breaks in their working hours, with the continuous exposure not increasing three. (3) hours. • Periodic monitoring of noise levels as per post-project monitoring plan will be done on regular basis	• During operations, • Site President, • Maintenance personnel • Env. & Safety

1.9. PROTECTION & CONSERVATION OF ECOLOGY

The proposed project would be sited in an industrial land situated in the notified industrial estate of Vapi, which is considerably away from ecologically sensitive area of the region. Besides, there is no settlement in the proximity of the plant and the nearest ecologically sensitive areas – forest & agriculture land are situated far away from the core impacts zone. Besides, it has been noticed that the emissions, noise generation and water pollution as well as hazardous waste management would not have any potential to cause any damage to the ecologically sensitive areas of the region. Hence, the proposed project would not have any direct impact on ecological layout during both phases. Therefore, major mitigation measures are not required for construction phase & operation phase except the pollution control measures suggested in other sections. Besides, it is also planned by proponent to develop greenbelt area in & around the construction site as per greenbelt development plan described in this chapter. This greenbelt will slightly improve the ecological status of the project site area.

Considering, the potential impacts on ecology, the following mitigation measures and action plan for conservation, protection & improvement of ecology of the area are suggested by the EIA agency for construction & commissioning and operation phases as common EMP.

Table 1.5: EMP for Conservation of Ecology

Env. issue	Mitigation measure	Implementation & Responsibility
Construction & Commissioning Phase and Operation Phase		
Ecological Conservation &	<i>Structural measure:</i> • Enclosed storage area for reduction of	• During construction, • Construction Head

protection	particulate emission. <ul style="list-style-type: none"> • Proper arrangement for materials storage & handling to prevent emissions from construction site/ operation area • Stacks of adequate height & internal diameter are e provided for existing & proposed utilities. • All necessary structural mitigation measures suggested/planned for control of air & water pollution, waste management and noise control and safety & emergency management 	
	<i>Non-structural measure:</i> <ul style="list-style-type: none"> • Regular monitoring of stack for Emission & Ambient air quality as per monitoring plan. • No disposal of effluent & waste on land or in water bodies • Noise level outside premises will not exceed stipulated standards for industrial area • Proper safety measures & emergency management plan to prevent impacts of major hazards on ecology • Major transpiration through highway networks & main approach road • Proper & efficient implementation of mitigation measures & EMP suggested for Air, Water & Noise environment. 	<ul style="list-style-type: none"> • During operations, • Maintenance personnel • Env. & Safety Manager

1.10. MATERIAL STORAGE & HANDLING

Company has provided adequate facilities for storage & handling of the materials within the premises. As described in earlier chapter company has provided designated areas for chemical storage. Also it has been planned to provide impervious flooring as well as proper ventilation in the area. Considering the planned & existing facilities & measures as well as probable impacts from material storage & handling as identified in current study, following environmental management plan has been suggested to prevent impacts on environment due to material storage & handling.

- Standard Operating Procedures (SOPs) are adopted for all aspects of material handling and operation of the system.
- Bulk materials are transported in truck loads and are unloaded & stacked in the designated storage area.
- Necessary PPEs like hand gloves, gumboot, goggles, helmet etc., fire fighting arrangements like - Portable fire extinguishers, Sprinkler system, External hydrant system, fire tender etc. and medical facilities like - First aid boxes, etc. are/will be provided in the unit to meet emergency in case of an accident.

- In addition to the above, all necessary measures for material storage and handling as incorporated in the Risk assessment report & onsite emergency plan are implemented & monitored.
- Phosphorus being Dangerous goods of Class 4.2 (Spontaneously Combustible) is transported in air-tight M.S. Barrel and under Water. It is stored in cool place, Out of direct sunlight and away from oxidizing agents and sources of heat or ignition.
- Handling of Phosphorus is done either by Hand Trolley or by way of lifting arrangement and is transferred by way of Gravity System in close Circuit. Cover with WET earth, sand or other non-combustible material.
- To control the Hazards of Phosphine, Aluminium Phosphide is packed in Air Tight condition and is stored in proper ventilated godown.
- Zinc Phosphide is packed in Well Sealing Tin / Pouch in double packing.

1.11. OCCUPATION HEALTH & SAFETY MANAGEMENT

Achieving high standards in Health, safety and environment management is one of the key targets /goals of the company. Company is committed towards ensuring high level of health & safety of its employee. To maintain high standard in Health, Safety and Environment, necessary key mitigation measures & action plan as EMP has been suggested as described below.

- Management has provided necessary PPEs, safety equipments/materials to ensure healthy & safe work conditions. Regular inspection for the safety procedures and use of PPEs & Safety equipments/material is done by the management/safety cell. Proponent will practice similar practices after proposed project & also ensure that all necessary PPEs, Safety materials/equipments are/will be in place.
- Workplace monitoring are carried out on regular basis. All records & documents related with the workplace monitoring & health check-up program are maintained by the proponent on regular basis. Especially, the workplace monitoring for P2O5 is done on regular. Necessary documents, reports & records of this monitoring are maintained & reviewed to avoid any impacts on human health.
- Safety documents, procedures, guidelines along with MSDS are provided to the associated/concerned personnel engaged in respective operational activities.
- Training programs & safety audit are done on regular basis to prevent impacts of the operational activities on occupational health as well as to improve workplace condition & safe work system.
- The proponent ensures implementation of emergency management plan with provision of fire fighting equipment / facilities, first aid & medical facilities, evacuation procedures etc. Proponent will also ensure proper implementation & functioning as well as assess effectiveness of this safety & emergency system on regular basis throughout the project operation phase.

1.12. LANDSCAPING & GREENBELT DEVELOPMENT

The plantation and green belt development in an area functions as foreground and background landscape features resulting in harmonizing and amalgamating the physical structures of the plant with surrounding environment but also acts as pollution sink. Plantation also replenishes the air and improves the water and soil quality. It also acts as a noise barrier and it is a crucial interface in the management of the environment. The

greenbelt enhances the aesthetic values of the site and provides healthy environment. Proper design of greenbelt around the pollution sources could play a significant role in abatement of pollution.

The proponent M/s. Sandhya Organics has already allocated land for greenbelt area within the existing premises. The allotted land admeasures 432 m² for greenbelt in the premises. The greenbelt development program has already been started by the proponent. The details are depicted in the plant layout plan (Figure 2.3). The list of species selected for plantation and proposed to be planted in the greenbelt area is presented in subsequent Table.

General Guidelines followed for Green Belt Development

1. Trees growing up to 5 m. or more in height shall be planted around the installation.
2. Trees shall be planted along roadsides, to arrest auto-exhaust and noise pollution, and in such a way that there is no direct line of sight to the installation when viewed from a point outside the foliage perimeter.
3. Since tree trunks are normally devoid of foliage (up to 3 mtr.), it will be appropriate to have shrubbery in form of such trees to give coverage to this portion. Fast growing trees with thick perennial foliage shall be grown, as it will take many years for trees to grow to their full height.
4. Canopy size & height of the plant/tree shall be considered to provide thick multi-tier plantation
5. For re-plantation, the plants and saplings suitable for the soils of project site regional conditions shall be considered. It is recommended to plant fast growing local plant species, which can adapt to the local climate.

Table 1.6: Floral Species Recommended for Greenbelt

Sr. No.	Scientific Name	Common Name	Family
1.	<i>Rosa berberifolia</i>	Rose	<i>Rosaceae</i>
2.	<i>Jasminum sambac</i>	Mogra	<i>Jasminum sambac</i>
3.	<i>Ocimum sanctum</i>	Tulsi	<i>Lamiaceae</i>
4.	<i>Ficus elastica</i>	Rubber	<i>Moraceae</i>
5.	<i>Nelumbo nucifera</i>	Lotus	<i>Nelumbonaceae</i>
6.	<i>Helianthus annuus</i>	Sun Flower	<i>Asteraceae</i>

1.13. CORPORATE SOCIAL RESPONSIBILITY

Numerous activities are being conducted by the company in various sectors of social development. The company has provided donation of Rs. 5, 00,000/- to Shah Bhikhamchandji Ghambhirmalji Chhajed Education Society, Phansa, Bhilad, Gujarat. Similar activities through the company will be conducted by the proponent after proposed project to fulfil its commitments & duties towards the society. The company intends to donate 2% of the profit to agencies like educational facilities, religious institutes or social welfare societies for projects carried out in nearby village for their welfare and upliftment.

1.14. CLEANER PRODUCTION ACTIVITIES

Reduction of waste at source by adoption of cleaner processes/ technologies/ operations, resource optimization, energy conservation and reduce/ reuse /recycle of waste are the principal approaches of Cleaner production activities. With adequate Implementation of necessary & suitable actions of cleaner production approaches, cost of production as well as pollution potential of the manufacturing process can be reduced significantly. The proponent has already planned & implemented some action in terms of energy conservation, resource recovery & reuse and direct/indirect waste (used oil, empty bags/drums/containers) recycling/reuse. Following are some considerable action plan implemented & proposed for development & implementation of “Cleaner Production Action Plan” as a part of project management.

1.14.1. CLEAN FUEL USAGE

For the existing project Boiler and D.G. Set are installed and for the proposed project, an additional boiler will be installed. These utilities needs fuel as main raw materials for heat & power requirement of the proposed project. As it has been planned, the Compressed Natural Gas is and will be used as fuel. As the NG is defined & accepted as cleaner fuel, it will have negligible potential of pollution of air. Thus the GHG emission would be significantly low from the proposed project, which will be very good step towards sustainable & cleaner development.

1.14.2. RESOURCE CONSERVATION, RECOVERY & RECYCLING

Water is an important resource and recovery, recycling & reuse of the water is the essential practice of an industry if it is possible. The proponent recovers Phosphoric Acid from the wastewater generated from Washing and Scrubbing system. This action is very step towards protection of environment as well as resource conservation and at last but not least towards cleaner production goal.

1.14.3. WASTE RECYCLING & REUSE

Hazardous wastes like discarded containers/drum/carboys & used oils will be recycled through appropriate arrangements as per GPCB/CPCB guidelines.

Annexure III

Financial Details

Sr. No.	Particulars	Existing, Rs. Lakhs	Proposed, Rs. Lakhs	Total, Rs. Lakhs
1	Land	9.09	--	9.09
2	Building and Civil works	55.81	20.00	75.81
3	Plant & Machinery and other fittings	104.21	90.00	194.21
4	Environmental protection measures	10.00	30.00	40.00
	Total :	179.11	140.00	319.11

(Source: Sandhya Organics – Vapi)

Annexure-XI

➤ Last Six Month Production Data

Last six-month production data (October'2020 to March'2021)

Sr.No.	Month/Year	Production Qty MT/Month		
		Aluminum Phosphide	Zinc Phosphide	Dilute Phosphoric Acid
1	October-2020	91.007	45.020	95.85
2	November-2020	96.248	38.080	99.06
3	December-2020	92.811	74.356	96.09
4	January-2021	98.258	58.940	98.65
5	February-2021	78.976	82.095	96.63
6	March-2021	97.604	51.700	98.34