HALF-YEARLY 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: April'2018 TO September'2018)

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:

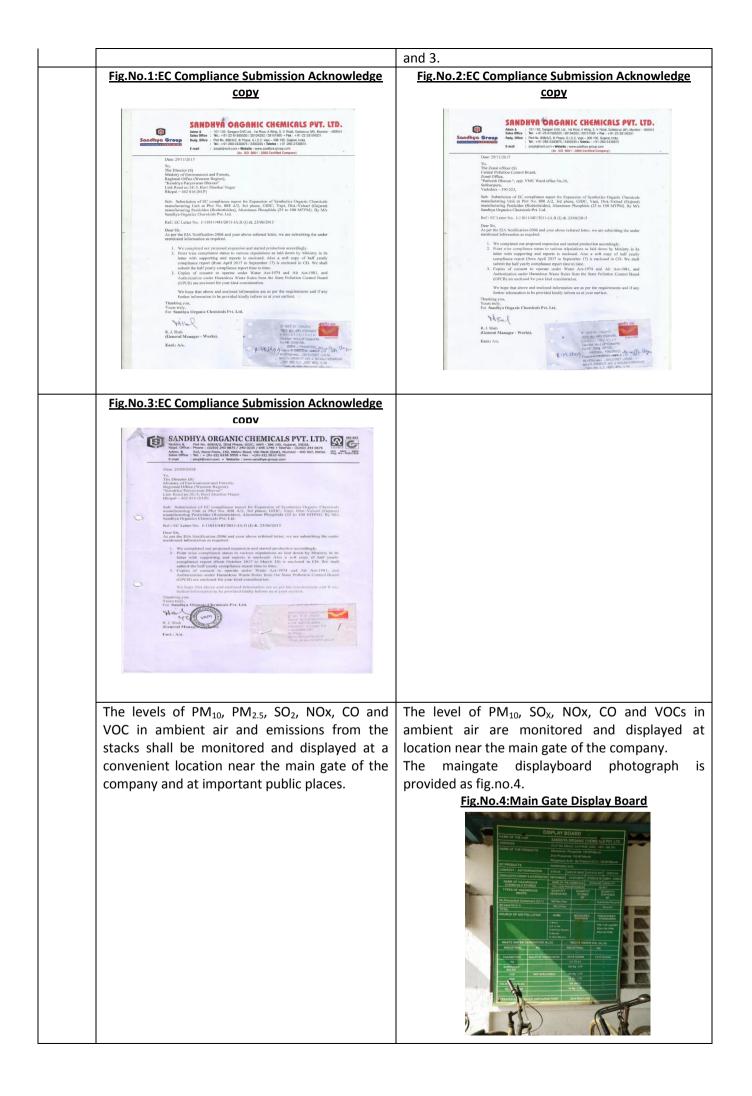
List of Finished Products:

Sr. No.	Name of Products	Existing	Expansion	Total Production	
		Production	Production	after expansion	
		(MTPM)	(MTPM)	(MTPN)	
1.	Aluminum Phosphide	25	75	100	
2.	Zinc Phosphide	25	75	100	
Name of by-products					
1.	Phosphoric Acid Un-reacted P ₂ O ₃	25	75	100	

Sr.No.		Condit	ion		C	ompliance statu	S
Α.	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 № 82 TI (f EI	er the National lanufacturing is 26 (E) dated 16 me to time. he Ambient air or the period o nclosed as Anne he results of Ar	Emission Standa ssued by the Mi th November,200 quality monitor f April.'18 to Se xure-I.	nt Air quality as ard for Pesticide nistry vide G.S.R 09 and amended ring test reports ptember'18) are y monitoring is n below:
		Tal	ole No.1: Ambient Air Qua				
		Ambient Air Quali	ty Monitoring Data (Perio	d :/	April - 2018 to Sep	otember - 2018)	
Month	n & Year	Date	2		Parameter with F		2
			$PM_{10} \mu g/m^3$		PM _{2.5} μg/m ³	SO ₂ μg/m ³	NO₂µg/m ³
-	ril-18	02/04/2018	92		31	18.5	22.9
Jui	y-18 CPCB Sta	09/07/2018	53 100		14 60	10.6 80	13.4 80
	ent Air quality monitoring is carried out by NABL accredi Pvt. Ltd., Vapi, NABL Certificate No. T-2239, NABL Valid Ur Adequate stack height shall be provided to oil/gas fired boiler/thermopack.		No. T-2239, NABL Valid Un shall be provided to	Until: 14.09.2018.			
				•	 As per fo Where; Total SO₂ ; [Fuel Consolidation] Sulphur Consolidation Min. stace Stack height resolidation) required as per rmula H=14Q ^{0.3} = 14 x (0.0 = 4.51 m broduced (Q)= 0. sumption Rate= bottent = 0.00000 k height require quired as per CT ovided: 11 Mete ck heights attac	in m 0023) ^{0.3} 0023 kg/hr 16666.66 kg/hr; 172%] d: 11 m E: 11 m

					-lue gas em enclosed As		nitoring tes	t reports
3.	Water scrubber (demister and venturi) shall be provided to the reactors to control process emissions viz. P205 Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.			venture emissic We reg to ac monito enclose The Su	e) to the ons viz. P ₂ 0 gularly mon hieve the oring test r ed as Anne mmary of	reactors itored the prescribe report of kure-I. last six mo	to contro efficiency o ed standa process en nth flue ga	mister and ol process of scrubber ard. Stack nission are as emission o.2.
	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			We are will be equipm polluta	monitoring results is provided as Tale No.2. We are in process to develop the system which will be interlocked with the pollution control equipment so that in case of any increase in pollutants beyond permissible limits, plant should			
	and damin system to indicate inglicit thatpermissible value of controlled parameters.At no time, the emission levels shall go beyondthe prescribed standards. The system should beinterlocked with the pollution controlequipments so that in case of any increase inpollutants beyond permissible limits, plantshould be automatically stopped.			Monito been of within of failu by the of ope	done on re the prescri re of any p unit, the u eration and	ck emission egular basi bed limits. pollution co nit shall be shall no	is and the However in Introl syste immediat t restarted	uality have y are well n the event m adopted ely put out l until the
					efficiency	has been a	chieved.	
	<u>Table No.2: Stack M</u> Stack Monitoring Data (Period : Apr					r - 2018)		
							with Results	
Mon	ith & Year	Date	Stack Sampling A to	llacheu	PM mg/m ³	SO₂ mg/m ³	NO ² mg/m ³	P_2O_5 mg/Nm ³
A	pril-18	02/04/2018	D.G. set (125 KVA) Baby Boiler(300Kg/ ALP/Zinc Reactor Blender Tablet Machine	hr)	36 13 - 48 40	25 ND - -	21 6 - -	- - 4.4 -
J	uly-18	09/07/2018	D.G. set (125 KVA) Baby Boiler(300Kg/ ALP/Zinc Reactor Blender Tablet Machine	hr)	40 30 10 - 52 30	- 21 ND - -	- 16 8 - -	- - 5.3 -
		Specific Value			<150	<100	<50	<9
	s gas and flu nment and Re	ue gas emission m search Labs Pvt. Ltd., V	onitoring was carrie Vapi, NABL Certificat		-		-	's. UniStar
4.	 In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. 			We have a second	ve installed afer of Cher care of all nerable so ing syster ons. We hav uarterly wo L8 to Sej ure-I.	I the closed micals/mat possible fu urces in pla n to con ve hand de ork place m otember'18	d system fo erials. Furth gitive emise ant. We have ntrol thes tection system nonitoring B) are er	test report aclosed as
	sprinkling	pression system system shall be pr ding areas to contro emissions in tl	ovided at loading	dust er	nissions at	loading and	d unloading	n to control g areas. missions in
	environme	ent, product, raw shall be regularly	materials storage	the w	vork zone	environn	nent; pro	duct, raw ecords are

	records maintained. The emissions shall conform to the limits stipulated by the GPCB.	maintained. The Monthly work place monitoring test report (April'18 to September'18) are enclosed as Annexure-I. The emissions are well
		within the stipulated limits prescribed by the GPCB.
5.	A proper Leak Detection And Repair (LDAR) Program for pesticide industry shall be prepared and implemented as per CPCB guidelines.	We have leak Detection system and Repair (LDAR) Program for pesticide industry is prepared and implemented as per CPCB guidelines.
	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.	Focus is given for prevention of fugitive emissions for which preventive maintenance of pumps, valves, pipelines are done. Proper maintenance of mechanical seals of pumps and valves is given.
	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	We have provided Stack height of 11m attached to D.G. Set for dispersion of gaseous emissions.
	provided to the DG sets to mitigate the noise pollution.	Stack height calculation is as under: H=h+0.2vKVA Where h = height of the building level in meters
		where the generator set is installed = 8 m, KVA= 125
		Calculation: H = 8 + 0.2 V125 = 10.23 m Provided stack height is 11 meters which is more than adequate.
		Acoustic enclosure is provided to abet noise pollution during operation of D.G. Set. The Noise Monitoring test report is enclosed as Annexure-I.
		The Summary of last six month flue gas emission monitoring results is provided as Tale No.2. The Noise monitoring was carried out by NABL accredited laboratory M/s. UniStar Environment and Research Labs Pvt. Ltd., Vapi,
7.	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.	We are regularly submitting the status of compliance of the stipulated environmental clearance conditions to the monitoring agencies.
	It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the GPCB.	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 Six-Monthly EC Compliance Submission dates for the last three year are as under: Period of April'17 to Sept'17, Date: 29.11.2017. Period of October'17 to March'18. Date: 25.05.2018.
		The acknowledge copy of submission is enclosed as Annexure – XIV. The Six Monthly EC Compliance Submission Acknowledge copies are provided as fig.no.1, 2



 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%. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. Solvents shall be stored in a separate space specified with all safety measures. Proper earthling shall be provided in al the electrical equipment wherever solvent handling is done. Entire plant shall be flame proof. The solvent storage tanks should be 	-	is condition	is not app	plicable.	
Reactor and solvent handling pump shall have mechanical seals to prevent leakages.The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.Solvents shall be stored in a separate space specified with all safety measures.Proper earthling shall be provided in al the electrical equipment wherever solvent handling is done.Entire plant shall be flame proof. The solvent storage tanks should be	_				
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the electrical equipment wherever solvent handling is done. Entire plant shall be flame proof. The solvent storage tanks should be					
Entire plant shall be flame proof. The solvent storage tanks should be	1				
provided with breather valve to prevent losses.					
•	supply, Va The wate	api, which is er permissio	s not exce on letter	eeding 20 and last	m³/day. six mo
	fig.no.11. The last s	ix month w	vater supp	oly Bill is	
Fig.No.5: Water permission Letter					sumption
INCOMPTIFIED AREA OFFICE GUE A deviation of the start of	St.No.	Month/Year	Water Cor Maximum	nsumption Minimum	Monthly Consm
Plot No.808/A/2, GTD C -VAPI.	1.	Apr-2018	25	19	834
Ref: Your letter dtd.30/12/2011	2.	May-2018	34	21	650
Dear Str. With reference to the above subject, it is to inform you that this offlice had released 25 mm da, water connection , you may get max, 30 KL /day by this connection.	3. 4.		26	21	605 687
This is for your information please. Thanking you,	5.	Aug-2018	29	21	729
Yours faithfully,	6.	Sep-2018	30	13	600
	bly shall not exceed 20 m³/day.	I fresh water requirement from GIDC water The water supply, V. oly shall not exceed 20 m³/day. The water supply, V. The water con The water con The water con The water spectrum Fig.No.5: Water permission Letter Fig.No.5. Fig.No.5: Water permission Letter Fig.No.5 With reference to the above endpoint P14d, endpoint in the infine measurement. The spectrum The spectrum of the above endpoint P14d, endpoint in the infine measurement. The spectrum of the above endpoint product in the infine measurement. The for our information please. The information please. The information please. The information please. St. May be information please. St. The information please. St. St.	I fresh water requirement from GIDC water The water requirement supply, Vapi, which is supply, Vapi, which is The water permission water consumption i I fresh water state permission i The water balance fig.no.11. The last six month w fig.no.5; Water permission Letter The last six month w fig.no.5, 6, 7, 8, 9, 10 Fig.No.5: Water permission Letter Fig.No.6: Last Six fig.no.7; Six fig.no.6: Last Six fig.no.7; Six fig.no.6: Last Six fig.no.7;	I fresh water requirement from GIDC water The water requirement is m oly shall not exceed 20 m³/day. The water requirement is not excee The water permission letter water consumption is provide The water balance diagra fig.no.11. The last six month water supply fig.no.5; Water permission Letter Fig.No.5: Water permission Letter Fig.No.6: Last Six month W Construction of the second s	I fresh water requirement from GIDC water The water requirement is met from of supply, Vapi, which is not exceeding 20 I fresh water requirement is met from of supply, Vapi, which is not exceeding 20 The water permission letter and last water consumption is provided as fig.nd I fresh water balance diagram is prifig.no.11. The last six month water supply Bill is fig.no.5, 6, 7, 8, 9, 10, 11, 12 and 13. Fig.No.5: Water permission Letter Fig.No.6: Last Six month Water consumption I MOTHED AREA OFFICE St.No. Mother data fragment water water water water water water water water consumption Moth/Year Worther data fragment water consumption Moth/Year Worther data fragment water wat

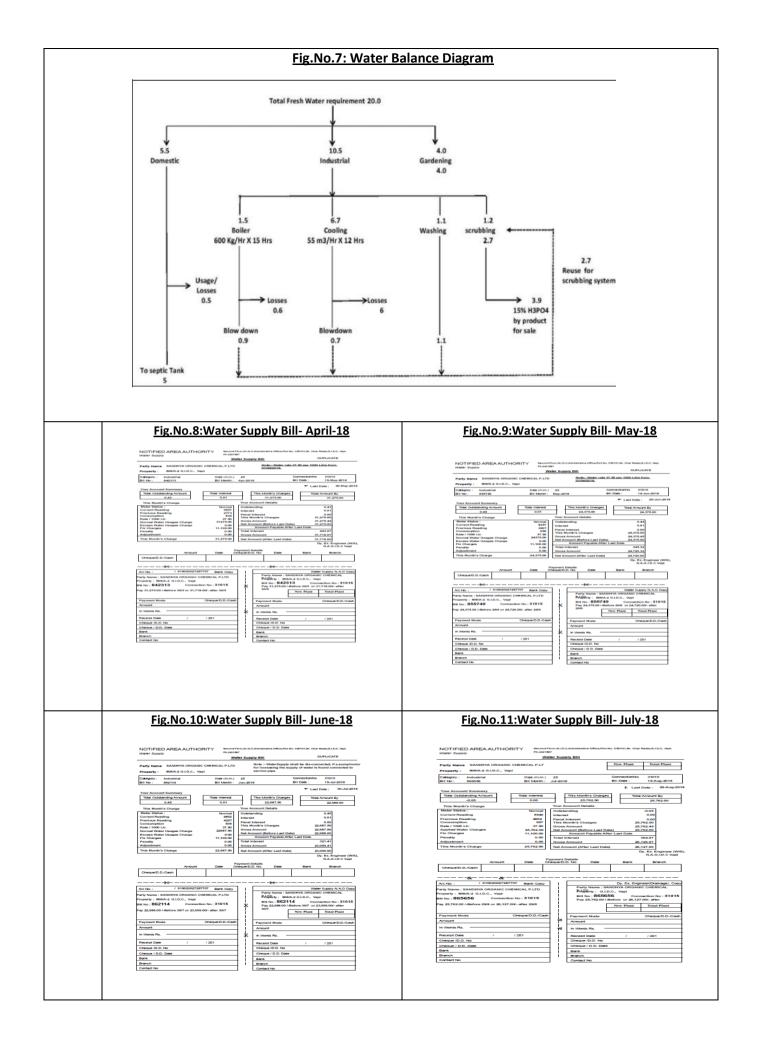


	Fig.No.12:Water Supply Bill- August-18	Fig.No.13:Water Supply Bill- September-18
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10.	As proposed, industrial effluent generation shall not exceed 2.7 m ³ /day. Industrial effluent will be used scrubbing media. Phosphoric acid will be generated as by- 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 is treated in the STP. Treated effluent is reused for gardening / horticulture purpose.
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.	We have taken note of the condition and we complied with this condition.
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. Storm water drain is passed through guard pond.
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, drums, carboys etc. Flame arresters have been provided on tank farm.
15.	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.	 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. The copy of consolidated consent and authorization is enclosed as Annexure-II (CC&A from GPCB). CC&A Order No: AWH-63833, Date of issue: 31.07.2014. Valid up to: 27.05.2019.
16.	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,	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

	1994 and January, 2000. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	 Transportation of Hazardous Chemicals is as per the Motor Vehicle Act (MVA), 1989. 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. We have provide Class labels In respect of the dangerous or hazardous goods specified in.
17.	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.	We have been provided the fi-fighting facility for protection of possible fire hazards during Manufacturing process in material handling.
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. The annual medical checkup details of employees are enclosed as Annexure - II. The annual medical checkup details of employees are provided as fig.no.14, 15, 16, 17, 18, 19, 20 and 21.
	Fig.No.14: Appointment of Doctor- Pre/Post	Fig.No.15:Employee medical Checkup report
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	Fig.No.16:Employee medical Checkup report	Fig.No.17:Employee medical Checkup report
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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.	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. The green belt photographs and green belt layout is provided as fig. no.22, 23, 24 and 25.

	Fig.No.22: Green Belt Photographs	Fig.No.23: Green Belt Photographs
	Fig.No.24: Green Belt Photographs	Fig.No.25: Green Belt Photographs
20.	The company shall make the arrangement for protection of possible fire and explosion hazards during manufacturing process in material handling.	We comply with this condition. We have taken the steps for protection of possible fire and explosion hazards during manufacturing process in material handling.
21.	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.	Our unit is small scale unit. So we have been done the CSR activity. The detail of CSR activity is enclosed as Annexure-IV .
22.	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. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	We had hired only the local labors during construction phase. Hence this condition was not applicable. All the construction wastes was properly managed to prevent any impact on the surrounding environment.
В.	GENERAL CONDITIONS:	
	The project authorities must strictly adhere to	We do comply with the conditions.

		e by the Gujarat Pollution 3), State Government and uthority		•	all applicable p emissions as GPCB. There is no effl Ambient Air Q regularly on m guidelines of A The CC&A Com	arameters of the per the CC&A uent generation uality is also be onthly bases a AQ monitoring. opliance report	y monitoring of ne process stack issued by the n from process. being monitored is per the CPCB and test report are enclosed as
2.	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 required, if any.			exp of E alte qua	undertake tha ansion without invironment and rnation in the	prior approval d Forest. There project. Presen	t carry out any of the Ministry is no deviation/ t manufacturing ioned limits for
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.			•	station was of GPCB. We hav station on the admin office. Ambient Air C on monthly ba	decided in co re set up the l near security Quality is also b ses as per the ring. The Test r	ality monitoring nsultation with ocation of AAQ office and near peing monitored CPCB guidelines eports of AAQM
4.	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).			•	premises throu The test rep herewith as An The ambient r permissible Environment Rules, 1989 viz. (night time).	gh NABL accrea ort of which nexure: I . noise level are limit presa (protection) 75 dBA (day tin The Summary provided in t	level within the dited laboratory. are enclosed well within the cribed under Act, 1986 me) and 70 dBA of noise level the Table no.3
			3: Noise Mo		ing Data		
	Noise I	Monitoring Data(P	eriod : April	- 20		- 2018) any premises	
	Date of	Time of			-	vel dB (A)	
Month	/Year Monitoring	Monitoring				ction	
			East		West	South	North
April	-18 02/04/2018	Day Time Night Time	60 54		66 61	71 65	56 51
		Day Time	57		64	68	61
July	-18 09/07/2018	Night Time	52		60	63	56
Noise m	Permissible Limit CPCB (Danitoring was carried on pi, NABL Certificate No. The Company shall h roof-tops of the bu	ut by NABL accred T-2239, NABL Valid arvest rainwater	lited laborat I Until: 14.09 from the	ory N 9.2018	Л/s. UniStar Envi 8.	ronment and Re	

	drains to recharge the ground water and use	
	the same water for the process activities of the	
	project to conserve fresh water.	
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 Equipments 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 is provided as fig. No. 26 and 27.
	Fig.No.26:Personal	Protective Equipment's
	Cotton Approne	se & Through Hand loves
	Safety Goggle	Filter Mask
	ISO WATCH Elper	
	Fig.No.27:List of Person	nal Protective Equipments
	Admm & : 101-102: Sangarn CHS Ltd Salass Office : Tel: + 91-22-11068555 /	NIC CHEMICALS PVT. LTD. L floc Avie, 201500 - Pac - 01-22-20104201 80104202 - 201500 - Pac - 01-22-20104201 0005 - VVL-2016 - 105 - Galard. 4006
	н <u>инистроприявляется (1866-1866)</u> : YuL + 9766-243097) E-mail : societ/0vut.com / Webaik (Ав 160 1001 : 2001	: www.sandhya-group.com & ISO 14001 : 2004 Certified Company)
	List of Personnel Protect	Date: 02.05.2018
	Sr. No. Item Name	
	2 Chemical Filter Mask 3 Dust Mask	
	3 Dust Mask 4 Gum Boot 5 Safety Shoes	
	3 Dust Mask 4 Gum Boot 5 Safety Shoes 6 Goggles 7 Cotton Hand Gloss	
	3 Dust Mask 4 Gurn Boot 5 Safety Shoes 6 Goggles	Gloss
	3 Dust Mask 4 Gum Boot 5 Safety Shoes 6 Goggles 7 Cotton Hand Gloss 8 Ure 8 Through Hand 9 Rubber Hand Gloss	Gloss
	3 Dust Mask 4 Gum Boot 5 Safety Shoes 6 Goggles 7 Cotton Hand Gloss 8 Use & Hrough Hand 9 Rubber Hand Gloss 10 Cotton Approne 11 Bubble Hood 12 Safety Belt	
	3 Dust Mask 4 Gum Boot 5 Safety Shoes 0 Goggles 7 Cotton Hand Gloss 8 Use & Through Hand 9 Rubber Hand Gloss 10 Cotton Approne 11 Subber Hood 32 Safety Beit	Gloss
	3 Dust Mask 4 Gum Boot 5 Safety Shoes 6 Goggles 7 Cotton Hand Gloss 8 Use & Through Hand 9 Rubber Hand Gloss 10 Cotton Approne 11 Bubble Hood 12 Safety Belt	Gioss
8.	a Dust Mask 4 Gum Boot 5 Goggles 7 Cotton Hand Gloss 9 Rubbe Hand Gloss 11 Bubbe Hood 12 Safety Shoe 9 Rubbe Hand Gloss 10 Cotton Hand Gloss 11 Bubbe Hood 12 Safety Belt For, Sandbye Organic Chemicals Per, Edd. 9 Safety Belt Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all	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 49 employee people in our
8.	3 Dust Mask 4 Gurp Boot 5 Googles 7 Cotton Hand Gloss 9 Rubber Hand Gloss 10 Cotton Hand Gloss 10 Cotton Hand Gloss 10 Cotton Hand Gloss 11 Bubber Hand Gloss 12 Safety Berlow 13 Safety Berlow 14 Safety Berlow 15 Safety Berlow 16 Gloss 17 Safety Berlow 18 Safety Berlow 19 Rubber Hand Close 10 Cotton Aperone 12 Safety Berlow 12 Safety Berlow Authorized Signatory. Authorized Signatory. Authorized Signatory. Authorized Signatory. 17 Safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular	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 49 employee people in our unit.
8.	a Dust Mask 4 Gum Boot 5 Goggles 7 Cotton Hand Gloss 9 Rubbe Hand 9 Rubbe Hand <th>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 49 employee people in our</th>	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 49 employee people in our

		fig.no.28, 29, 30 and 31.
	Fig.No.28:Employee medical Checkup report	Fig.No.29:Employee medical Checkup report
	<image/> <text></text>	<image/> <text><text></text></text>
		Fig.No.31:Employee medical Checkup report
	Fig.No.30:Employee medical Checkup report	rig.no.51.Employee medical checkup report
	 And And And And And And And And And And	Provide a constraint of the second se
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. The EIA/EMP & Risk mitigation measure is enclosed as Annexure – XII. 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/EMI	P in respect of environmental management
	 Air pollution Control 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. 	 <u>Water & wastewater</u> Domestic waste water generated is disposed off through septic tank into soak pit. <u>Noise</u> 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.

	 We have installed scrubbing system to control these fugitive emissions. We have provided automated closed system for handling and transfer of chemicals. 	 We provided the PPEs to all our employees/ workers. And its utilization by them is ensured.
	 Hazardous Materials 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. Occupational Health & Safety 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. 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. 	 Greenbelt Development 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. Socioeconomic & CSR Activities. 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. The detail of CSR activity is enclosed as Annexure-XVI. We are involved in eco-developmental measures as well as community welfare measures in our project area for the
	 <u>Risk Assessment & Safety Measures</u> Critical Safety Measures We have provided Fire hydrant & Fire detection system within process unit 	 Safety Measures for Handling 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. All the storage tanks is provided with transferring pumps which helps to reduce the risk of tank leakages.
10.	The company shall undertake CSR activities and all relevant measures for improving the socio- economic conditions of the surrounding area.	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. The detail of CSR activity is enclosed as Annexure- XVI. The details of activities undertaken & financial details for same areas provided in the Table no.4 mention below: Contribution to:

	Table No.4:CSR Chart				
	Sr. No.	CSR Expenses		Amount Paid in Rs. (For the year 2017-2018)	
	1.	Local School		5.00 Lac	
	2.	Smasanbhumi		11.00 Lac	
	3.	Cricket Tournament		50,000	
	4.	Arrangement for blood donation ca	imp.	20,000	
	5.	Arrangement for Eye camp.		25,000	
	6.	Development of Maroli Circle		15.00 Lac	
	7.	Barricade for traffic control		15,000	
		Total		32,10,000	
11.	The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment.We are involved in eco-developmental measures 			s community welfare measures in our rea for the overall improvement of the ent. The measures undertaken as per	
12.	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.		We have established Environmental Management Cell, and permanently appointed plant-in-charge, environmental manager, operators and chemist with qualification and training in the relevant field. In-house laboratory has also been set to carry out the monitoring of basic parameters. And also have contracted with MoEF&CC recognized laboratory for conducting the monitoring of other parameters. The Environmental management cell is provided as fig.no.32.		
		Fig.No.3326:Environmenta	nager		
	(GM Works)				
		Safety Offi Safety Tea			
13.	The company shall earmark sufficient funds for 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. We have secured funds (i.e. Rs. 40.00 Lakhs) for capital investment and Rs. 30.00 Lakhs/Annum as recurring cost to implement and maintain the conditions stipulated by the Ministry or Environment & Forests as well as the State Government. As on September 2018 the recurring cost of EMS is 9.56 Lakhs/Annum. The Actual expenses are provided in the tale no.5 mention below:				

				No.5:EMS	
		C. No	-	expense (actual)	
		Sr. No.	Particulars		(Rs. In Lakhs)
		1	Environmental Protection	on measures	40.00
			TOTAL		40.00
				num (year-2017-1	
		1	Environment & Safety Mana	gement System	5.35
	2 Greenbelt Maintenance Environment Monitoring expe			2.00	
			benses		
		Air Monitoring			0.54
		Ū.	Stack Monitoring		0.79
			Noise Monitoring		0.28
		4	Health Checkup expenses		0.60
			TOTAL		9.56
14.	the proje Zila Paris Body an suggestic	of the clearance letter shall be sent by A copy of the environment clearance letter has been sent by the project proponent to concerned Panchayat, sad/Municipal Corporation, Urban local nd the local NGO, if any, from who ons/ representations, if any, were while processing the proposal.			
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 shall be posted on the website of the company.		 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 Six-Monthly EC Compliance Submission dates for the last three year are as under: 3. Period of April'17 to Sept'17, Date: 29.11.2017. 4. Period of October'17 to March'18, Date: 25.05.2018. The acknowledge copy of submission is enclosed as Annexure – XIV. The Six Monthly EC Compliance Submission Acknowledge copies are provided as fig.no.33 and 34. 		
	Fig.No.33	:EC Compli	ance Submission Acknowledge	Fig.No.34:EC Compliance Submission Acknowledge	
	Som	the second	Nama" Suada Nagari Sanda Nagari Nama Nagari Nagari Nama Nagari Nama Nagari Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nama Nagari Nagari Nama Nagari Nama Nagari N	Due: 2011/22 To, To, The Acause state 2014/22 To, The Acause state 2014/22 To, The Acause state 2014/22 To, The Acause state 2014/22 To, To, To, To, To, To, To, To, To, To,	<text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text>
16.	year en	ding 31"	statement for each financial March in Form-V as is e submitted to the Gujarat	statement for e	v submitting the environment ach financial year ending 3 to the Gujarat pollution contr

	Pollution Control Board as prescribed under the	committee.		
	Environment (Protection) Rules, 1986, as	A acknowledge copy of the Form - V submission to		
	amended subsequently, shall also be put on the	GPCB is enclosed herewith as Annexure: - VI.		
	website of the company along with the status			
	of compliance of environmental clearance	A acknowledge copy of the Form – V is provided		
	conditions and shall also be sent to the Bhopal	as fig.no.35.		
	Regional Offices of MoEF by email.			
		ledge Copy of Form-V		
	Sandbyg Cross 1 <th< th=""></th<>			
	PCB ID: 24325 Date: September 19, 2018			
	The Regional Officer, Gujarat Follation Control Board, Pict No. C-5/124, N.H. No.8, GIDC, Vapi – 366 195.			
	GIDC, Vapi – 396 195. Sub: Submission of Environmental Staten	rent (Form – V) for the year 2017 – 2018.		
	- Dear Sir, We are submitting Environmental Statem relevant details for the year 2017 – 2018.	ent duly filled in prescribed Form — V with all		
	Thanking you and assuring you our best o			
	Sincerely yours, For Sandhya Organic Chemicals Pvt	. Ltd.		
	R. J. Shah Orleug General Managor - Works			
	Enclosures: 1. Form – V.			
		RECEIVED		
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17.	The project proponent shall inform the public	We have already informed to the public by local		
	that the project has been accorded	news paper that we have accorded environmental		
	environmental clearance by the Ministry and	clearance by the Ministry and copies of clearance		
	copies of the clearance letter are available with	letter are available with the state Pollutions		
	the SPCB/Committee and may also be seen at	Control Board and may also be seen at website of		
	Website of the Ministry at http://envfor.nic.in.	the Ministry of Environmental and Forests at		
	This shall be advertised within seven days from	website of the Ministry of Environmental and		
	the date of issue of the clearance letter, at least	Forests at http/envfor.nic.in.		
	in two local newspapers that are widely	The advertisement (Public notice) has been made		
	circulated in the region of which one shall be in	within 7 days of obtaining environment clearance.		
	the vernacular language of the locality	A copy of public notice in newspaper Sandesh		
	concerned and-a copy of the same shall be	dated 29 June 2015 is enclosed herewith as		
	forwarded to the concerned Regional Office of	Annexure:-VII.		
	the Ministry.	The public notice is provided as fig.no.40 and 41.		

	Fig.No.36:Sandesh.dt.30.07.2015.	Fig.No.37:Sandesh.dt.29.07.2015.	
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18.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	 The project is self-finance by the promoters hence no financial approval from the financial authorities was required. , hence financial closure is not applicable. 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 	

For Sandhya Organic Chemicals PVT. LTD.

(Authorized Signature)

List of Annexure

No. of Annexure	Name of Annexure
Ι.	Ambient air Quality, Stack monitoring, Work Place monitoring report of six month (April 2018 to September 2018)
П.	Copy of Health check-up reports.
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
Х.	MoEF Data Sheet