



# V & V PHARMA INDUSTRIES

Plot No. N-48, Addl. M.I.D.C., Anand Nagar, Ambarnath (E)-421 506.

Date: 06/07/2023

To,  
**Ministry of Environment, Forest & Climate Change**  
**Regional Office (West Central Zone)**  
Ground floor, East wing,  
New Secretary Building  
Civil lines, Nagpur – 440001

**Subject : Environmental Compliance Status Report of Stipulated Conditions of Environmental Clearance.**

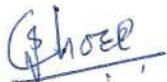
**Reference: Environmental Clearance No. SEAC-2012/CR-364/TC-2 dated 11<sup>th</sup> March, 2015**

Respected Sir,

With reference to the above Subject, we are submitting Environmental Compliance Status Report of M/s **V & V Pharma Industries** located at Plot N-48, Additional MIDC, Anand Nagar, Ambarnath, Dist. Thane, Maharashtra; along with supporting documents (Refer Enclosed Annexures).

We assure you for submission of environmental compliance status reports on regular basis.  
Kindly acknowledge the receipt of the same.

Thanking you,  
For M/s V & V Pharma Industries



(Partner)





# V & V PHARMA INDUSTRIES

Plot No. N-48, Addl. M.I.D.C., Anand Nagar, Ambarnath (E)-421 506.

Date: 06/07/2023

To,  
**Sub-Regional Offices- Kalyan II**  
Maharashtra Pollution Control Board,  
Sidhivinayak Sankul, 3rd and 4th Floor,  
Station Road, Kalyan (West) - 421301

**Subject : Environmental Compliance Status Report of Stipulated Conditions of Environmental Clearance.**

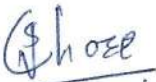
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(Partner)



**ENVIRONMENTAL CLEARANCE SIX MONTHLY  
COMPLIANCE REPORT**

**For the Period till  
October 2022 to March 2023**

**FOR**

**Pharma Intermediates**

**AT**

**N-48, Additional MIDC, Anand Nagar, Ambarnath, Dist.  
Thane, Maharashtra**

**BY**

**V & V PHARMA INDUSTRIES**

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## **1. INTRODUCTION & PROJECT DESCRIPTION:**

M/s V & V Pharma Industries is located at Plot N-48, Additional MIDC, Anand Nagar, Ambarnath, Dist. Thane, Maharashtra, project is a Brownfield project. The industry is registered under udyog aadhar memorandum dated MH33B0112938; registration copy is enclosed as **Annexure-1** and classified into small scale industry. Industry has owned the land from MIDC Additional Anand Nagar, Ambarnath.

Industry has granted environmental clearance by State Level Environment Impact Assessment Authority (SEIAA) vide letter No. SEAC 2012/CR-364/TC-2 dated 11<sup>th</sup> March, 2015; copy is enclosed as **Annexure-2** and 1<sup>st</sup> Consent to Operate has obtained from Maharashtra Pollution Control Board vide letter No. MPCB/ROK/KCA/E/CC-53 dated 03/02/2012; copy is enclosed as **Annexure-3**, 2<sup>nd</sup> Consent to Operate has obtained from Maharashtra Pollution Control Board vide letter No. MPCB/13/09936/330 dated 02/12/2013; copy is enclosed as **Annexure-4**, 3<sup>rd</sup> Consent to Operate has obtained from Maharashtra Pollution Control Board vide letter No. MPCB/17/104/1707000131 dated 23/06/2017; copy is enclosed as **Annexure-5**, 1st Consent to Operate with renewal has obtained from Maharashtra Pollution Control Board vide letter No. Format 1.0/AS (T) UAN No. 0000107101/CO-2103000646 dated 10/03/2021; copy is enclosed as **Annexure-6**

## **2. HISTORY OF THE PROJECT :**

Project is a Greenfield project and it is a proprietor based company, established under Udyog Adhar Memorandum dated MH33B0112938 Company has obtained consent to establish from MPCB for the manufacturing of Pharma Intermediates. The existing plant is constructed at plot N-48, Additional MIDC, Anand Nagar, Ambarnath, Dist. Thane, Maharashtra State.

## **3. STATUS OF THE PROJECT AND SITE PHOTOGRAPHS:**

### **Status of the Project:**

The industry has obtained Consent to Operate with renewal has obtained from Maharashtra Pollution Control Board vide letter No. Format 1.0/AS (T) UAN No. 0000107101/CO-2103000646 dated 10/03/2021.

**Site Photographs :**



#### 4. ENVIRONMENTAL CLEARANCE DETAILS

The proposal was considered by the SEAC-1 in its 93<sup>rd</sup> meeting under screening category 5(f), cat. B1, Synthetic Organic Chemicals as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 81st meeting of State Level Environment Impact Assessment Authority (SEIAA), and recommended the EC.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f) B1 as per EIA Notification 2006.

#### **Brief Information of the project submitted by Project Proponent is as:**

<b>Particulars Required</b>	<b>Details</b>												
Name of the project	M/s. V & V Pharma Industries												
Project Proponent	<b>Name-</b> Mr. V.S. Ghare Plot N- 48, Additional MIDC, Anand Nagar, Ambarnath, Dist. Thane												
Consultant	Sadekar Enviri Engeeners Pvt Ltd												
New Project/ Expansion in existing project	Expansion in existing project												
Activity Schedule in the EIS Notification	Schedule 5(f) B1												
Area Details	Total plot Area: 5400.00 Sq. mtrs Total Built up Area: 1321.78 sq.mt Additional Ambarnath area (Notified Industrial Area)												
Name of the Notified Industrial area/MIDC	M.I.D.C, Additional Ambarnath, Thane, Maharashtra.												
TOR given by SEAC? (If yes then specify the meeting)	Application submitted to SEAC-1 on 25-8-2014. The EIA report is based as per the provisions of EIA notification no S.O. 1533 (E) dated 14/2006 amended on Jan 19, 2009 based on Model TOR.												
Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)	Total Cost of existing project: Rs. 4.72 Crores  Total Cost of Proposed Expansion: 1 Cr												
Location details of the project:	<ul style="list-style-type: none"> <li>➤ Latitude: 19<sup>0</sup> 10' 17.42'' N</li> <li>➤ Longitude: 73<sup>0</sup> 12' 16.15'' E</li> <li>➤ Location : Plot N-48, Additional MIDC Anand Nagar, Ambarnath, Dist. Thane</li> <li>➤ Elevation above Mean Sea Level (meters): 69 mtrs</li> </ul>												
Distance from Protected Areas/ Critically Polluted area/ Eco-sensitive areas/ inter- State boundaries	Project is in Additional Ambarnath MIDC Thane												
Production details	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No</th> <th style="width: 20%;">Existing Product Name</th> <th style="width: 10%;">Total Capacity</th> <th style="width: 20%;">Name of Product</th> <th style="width: 10%;">Production</th> <th style="width: 10%;">Quantity</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Sr. No	Existing Product Name	Total Capacity	Name of Product	Production	Quantity						
Sr. No	Existing Product Name	Total Capacity	Name of Product	Production	Quantity								

		per Ann um		tity (MT/ Year)
1.	LAE salts	9 MT	Ambroxol hydrochloride	5.0
2.	Mucic acid	12 MT	Aripiprazole	4.0
3.	Furandicarboxylates	6 MT	Benzafibrate	4.0
4.	Indanones 5,6-Dimethoxyindanone 1-Indanone	9 MT	Levosulpiride	6.0
5.	Phenanthrolines	3 MT	Donepezil	6.0
6.			Etodolac	4.5
7.			Flurbiprofen	4.0
8.			Loxoprofen	4.5
9.			Furosemide	4.0
10.			Leflunomide	4.0
11.			Lumefantrine	4.5
12.			Phloroglucinol	4.5
13.			Rasagiline HCL	6.0
14.			Telmisartan	4.0
15.			Valsartan	5.0
16.			Bromhexine	5.0
17.			7-Hydroxy-3,4-dihydrocarbostryl	3.0
18.			1-(2,3-Dichlorophenyl)piperazine	6.0
19.			Isovanillin	6.0
	<b>Total</b>	<b>39 MT</b>	<b>Total</b>	<b>90.0</b>
Rain Water Harvesting (RWH)		<ul style="list-style-type: none"> <li>➤ Level of the Ground water table- 4-5 mtr.</li> <li>➤ Size and no of RWH tank (s) and Quantity 50 m<sup>3</sup></li> <li>➤ Location of the RWH tank (s) SW corner</li> </ul>		



	of plant																									
Total Water Requirement	Total Water requirement Total water permitted (Consent to operate): CMD Existing Water Requirement: 25 CMD Proposed Water Requirement: 29 CMD																									
Storm Water drainage:	<ul style="list-style-type: none"> <li>➤ Natural Water drainage pattern: Yes it is provided</li> <li>➤ Quantity of storm water:</li> <li>➤ Size of SWD: 500 mm × 700 mm</li> </ul>																									
Swage generation and treatment	<ul style="list-style-type: none"> <li>➤ Amount of Sewage generation (CMD)- 4.0</li> <li>➤ Proposed treatment for the sewage : septic tank followed by soak pit</li> </ul>																									
Effluent characteristic	<table border="1"> <thead> <tr> <th>Sr. no</th> <th>Parameters (pH, BOD, COD, heavy metals. etc.)</th> <th>Inlet effluent characteristic</th> <th>Outlet effluent characteristic</th> <th>Effluent discharge standard (CPC B/ MPC B)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>pH</td> <td>6-8</td> <td>6.5-8.5</td> <td>5.5-9</td> </tr> <tr> <td>2.</td> <td>COD</td> <td>3240</td> <td>198</td> <td>250</td> </tr> <tr> <td>3.</td> <td>BOD</td> <td>886</td> <td>53.7</td> <td>100</td> </tr> <tr> <td>4.</td> <td>TDS</td> <td>2400</td> <td>1800</td> <td>2100</td> </tr> </tbody> </table>	Sr. no	Parameters (pH, BOD, COD, heavy metals. etc.)	Inlet effluent characteristic	Outlet effluent characteristic	Effluent discharge standard (CPC B/ MPC B)	1.	pH	6-8	6.5-8.5	5.5-9	2.	COD	3240	198	250	3.	BOD	886	53.7	100	4.	TDS	2400	1800	2100
	Sr. no	Parameters (pH, BOD, COD, heavy metals. etc.)	Inlet effluent characteristic	Outlet effluent characteristic	Effluent discharge standard (CPC B/ MPC B)																					
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	2.	COD	3240	198	250																					
	3.	BOD	886	53.7	100																					
4.	TDS	2400	1800	2100																						
ETP details	<ul style="list-style-type: none"> <li>➤ Amount of effluent generation (CMD): Below 18 CMD (Existing [8CMD] + Proposed [10 CMD])</li> <li>➤ Capacity of the ETP (CMD): 25 CMD</li> <li>➤ Amount of treated effluent recycled (CMD): Boiler water will be reused i.e 2 CMD from Existing &amp; 3 CMD from Proposed)</li> <li>➤ Amount of water send to the CETT (CMD): Below 18 CMD</li> <li>➤ Membership of the CETP (If require): CETP Member ship Obtained</li> </ul>																									
Note on ETP technology to be used	Primary Treatment, Biological treatment and Pressure sand & Activated carbon filter																									
Disposal of the ETP sludge (If applicable)	8 MT/ Annum- Disposed to CHWTDS (Existing + Proposed)																									

Solid waste Management	<b>Sr. No</b>	<b>Source</b>	<b>Qty (TPM)</b>	<b>Form (Sludge/ Dry/ Slurry etc.)</b>	<b>Composition</b>	
	1.	ETP	8 (Existing + Proposed)	Sludge	Chemical Sludge from WWT	
	2.	Process Residue & waste	(0.6 Existing) + (0.8 Proposed)	Dry	From process and distillation column	
<ul style="list-style-type: none"> <li>• If waste(s) contain any hazardous / toxic substance/ radioactive materials or heavy metals then provide quantity, disposal data and proposed precautionary measures.</li> <li>• What are the possibilities of recovery and recycling of wastes?</li> <li>• Possible users of solid waste</li> <li>• Method of disposal of solid waste: sent to Hazardous waste site</li> </ul>						
Atmospheric Emissions (Flue gas characteristics SPM, SO <sub>2</sub> , NO <sub>x</sub> , CO, etc.)	<b>Sr No</b>	<b>Pollutant</b>	<b>Source emission</b>	<b>Emission Rate (Kg/hr)</b>	<b>Concentration in flue gas (g/m<sup>3</sup>)</b>	
	1.	SPM	Boiler Stack		56.38 mg/Nm <sup>3</sup>	
	2.	SO <sub>2</sub>			0.15 Kg/hr	
	3.	NO <sub>x</sub>			-	
	4.	CO			-	
	5.	Others			-	
Stack emission Details: (All the stacks attached to process units, Boilers, captive power plant, D.G.Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. e.g.: Process section, D.G. Set, Boiler, Power Plant, incinerator etc. Emission rate (kg/hr.) for each pollutant (SPM, SO <sub>2</sub> , NO <sub>x</sub> . etc. should be specified	<b>Plant section &amp; units</b>	<b>Stack no</b>	<b>Height from ground level (M)</b>	<b>Internal diameter (top) (m)</b>	<b>Emission rate (m<sup>3</sup>/h) NPT</b>	<b>Temp. Of exhaust</b>
	Boiler (1 nos.)	1	35	0.45 m	-	90 to 110 °C
	Boiler	1	35	0.45	-	90 to

	r (1 nos.) Proposed (As stand by)			m		110 °C
	D.G. Set	1	3 mtrs above roof	0.15 m	-	140 to 155 °C
Emission Standard	<b>Pollutant (SPM, SO<sub>2</sub>, etc.)</b>	<b>Emission standard limit (ug/Nm<sup>3</sup>)</b>	<b>Proposed limit (mg/Nm<sup>3</sup>)</b>	<b>MPCB consent (ug/Nm<sup>3</sup>)</b>		
	SPM	150	56.38 mg/ Nm <sup>3</sup>	150		
Ambient Air Quality Data	<b>Pollutant</b>	<b>Permissible standard</b>	<b>Proposed concentration (in ug/m<sup>3</sup>)</b>	<b>Remark</b>		
	PM 2.5	60 ug/m <sup>3</sup>	<60 ug/m <sup>3</sup>	-		
	PM 10	100 ug/m <sup>3</sup>	<100 ug/m <sup>3</sup>	-		
	SO <sub>2</sub>	80 ug/m <sup>3</sup>	<80 ug/m <sup>3</sup>	-		
	NO <sub>x</sub>	80 ug/m <sup>3</sup>	<80 ug/m <sup>3</sup>	-		

Details of Fuel to be used	Sr no	Fuel	Daily Consumption (KLD)		Calorific value (Kcal/kg)	% ash	% sulphur
			Existing	Proposed			
	1	HS D	30 Ltr	No need for extra fuel	10700	0.02 %	0.05 - 0.25 %
	2	F.O	200 ltr/D	300 ltr/D	10500	0.1 %	2-4 %
Source of fuel : Local Mode of transportation of fuel to site : By Road							
Energy	<ul style="list-style-type: none"> <li>➤ Power supply:</li> <li>➤ Total sanctioned power supply (Consent) 375 KVA</li> <li>➤ Existing power requirement : 195 KVA</li> <li>➤ Proposed power requirement: 180 KVA</li> <li>DG sets:</li> <li>➤ Number and capacity DG set to be used (existing and Proposed)= 1×240 KVA</li> <li>➤ Proposed: No (Existing DG set will used)</li> </ul>						
Green Belt Development	<ul style="list-style-type: none"> <li>➤ Green belt area (Sq. m.): 945 Sq. mts</li> <li>➤ Number and species of trees to be planted: (Existing + Proposed) about 60 Nos. Cassia, Bottle Brush, Chapa, Apta, Parijat, Neem, Gulmohar, Karanj and Ashoka.</li> </ul>						
Details of pollution control System	Sr No		Existing Pollution control system		Proposed to be installed		
	1	Air	Scrubbers		Same will be utilized		
	2	Water	ETP		Existing will be utilized		
	3	Noise	Acoustic Enclosure for DG sets		Existing will be utilized		
	4	Solid Waste	Disposal to Authorized common		Existing will be utilized		

		facility		
Environmental Management Plan: O & M cost (With break up) Budgetary Allocation	➤ Capital cost (With break up): 48.50 Lakh ➤ O&M cost (With break up): 15,25,000 Lakh			
	<b>S</b>		<b>Recurring</b>	
	<b>r</b>		<b>Cost per</b>	
	<b>n</b>		<b>annum</b>	
	<b>o</b>		<b>Rs.</b>	
			<b>Capital</b>	
			<b>Cost Rs.</b>	
	1	Air Pollution Control	1,00,000/-	8,00,000/-
	2	Water Pollution Control	10,00,000/-	28,50,000/-
	3	Noise Pollution Control	25,000/-	40,000/-
	4	Environment monitoring and Management	1,40,000/-	--
	5	Reclamation borrow/ mined are (if applicable)	--	--
6	Occupational Health	65,000/-	3,60,000/-	
7	Green Belt	1,00,000/-	1,00,000/-	
8	Solid waste management	60,000/-	--	
9	RWH	35,000/-	700,000/-	
	<b>Total Cost</b>	<b>15,25,000/-</b>	<b>48,50,000/-</b>	
EIA Submitted (If yes then submit the salient features)	Revised EIA submitted on 27/5/2014			

3. The proposal has been considered by SEIAA in its 81<sup>st</sup> meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

## General Conditions for pre-construction phase

SR. NO.	EC CONDITIONS	COMPLIANCE STATUS
<p>• <b><u>GENERAL CONDITIONS :</u></b></p>		
I	No additional land shall be used/acquired for any activity of the project without obtaining proper permission.	Noted. Expansion is doing on existing unit. No additional land shall be used/acquired
II	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured of the plant shall be ensured.	Project Proponent has ensured regular water sprinkling and wind shielding at appropriate distances in sensitive areas of the plant to control natural dust.
III	Regular monitoring of the air quality, including SPM & SO <sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	Noted and Complied too. Environmental monitoring is doing by MoEF Laboratory. Air Monitoring reports are attached as <b>Annexure-7</b>
IV	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	Project Proponent has done necessary arrangements for adequate safety and ventilation in the furnace area.
V	Proper Housekeeping programmes shall be implemented.	Project Proponent implementing proper housekeeping program from time to time.
VI	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	Project Proponent Agreed the Condition
VII	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollution from DG set. (If applicable)	Noted and complied too. Height of stack for DG Set - 3mtrs above Roof*
VIII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Noted and complied too. The Existing Fire Hydrant Tank 1 Lakh capacity is being utilized for Rain water storage. The 2 lakh Liter capacity additional tank will be provided for RWH.
IX	Arrangement shall be made that effluent and storm water does not get mixed.	Noted. And complied/ Implemented. Project Proponent provided septic tank and aiak pit for Domestic effluent treatment. storm drains are connected and water from open space and Roof top except Harvesting

		<p>which goes to storm water drain. Outlet of storm drain is connected to MIDC storm water drain outside the premises.</p> <p>Under no circumstances Strom water and domestic is allowed to mix.</p> <p>The pipeline network is independent.</p>
X	<p>Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.</p>	<p>Not Applicable.</p> <p>There is no any provision for using of Ground water.</p>
XI	<p>Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personnel protective equipment like earplugs etc. shall be provided.</p>	<p>Noted.</p> <p>All precaution to be taken during operation.</p> <p>Provision of close rooms &amp; PPE like air plug.</p> <p>Acoustic enclosure for DG set.</p>
XII	<p>The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosure, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.</p>	<p>Noise levels are being monitored and found within acceptable limits.</p> <p>Manufacturing activity of close rooms has been started.</p> <p>Acoustic enclosure for DG set.</p> <p>Environmental Monitoring reports are attached herewith.</p>
XIII	<p>Green belt shall be developed &amp; maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.</p>	<p>Green Belt developed inside the premises at southern side.</p> <p>Green belt area of 945 Sq.mt. is provided. Total 60 nos. of trees are planted.</p> <p>Green belt photographs are attached as <b>Annexure- 8</b></p>
XIV	<p>Adequate safety measure shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.</p>	<p>Provided Fire/Smoke/Leak Detector</p>
XV	<p>Occupational health surveillance of the workers shall be done on regular basis and maintained as per Factory Act.</p>	<p>Annual Health check-up done on regular basis as per the Factory Act and maintained regularly.</p> <p>Health checkup reports are attached as <b>Annexure- 9</b></p>
XVI	<p>The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.</p>	<p>Complied.</p> <p>Regular Training on Use of PPE &amp; Handling of hazardous material.</p>

XVII	The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	Noted and Complied herewith. CHWSTDF membership is obtained. Annual return of Hazardous waste is submitting every year. Collections/ treatment/ storage/ disposal of hazardous wastes is done as per hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended).  CHWSTDF membership are attached as <b>Annexure- 10</b>
XVIII	The company shall undertake following Waste Minimization Measure:	Noted. And complied/ Implemented
	<ul style="list-style-type: none"> <li>• Metering of quantities of active ingredients to minimize waste.</li> </ul>	Complied Active ingredients are dosed to minimize waste.
	<ul style="list-style-type: none"> <li>• Reuse of by-product from the process as raw materials or as raw material substitutes in other process.</li> </ul>	By-products from the process are recycled as raw materials or as a substitute for raw materials in other processes.
	<ul style="list-style-type: none"> <li>• Maximizing Recoveries</li> </ul>	Recovery is enhanced
	<ul style="list-style-type: none"> <li>• Use of automated material transfer system to minimize spillage.</li> </ul>	An automatic material transfer system is used to minimize spillage.
XIX	Regular mock drill for the on-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.	Complied Monthly Training on Fire Hydrant System & Fire Extinguishers. On-site management plan is updated.
XX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted. Team of separate environment management cell with qualified staff is appointed for implementation of the stipulated environmental safeguards
XXI	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Not applicable. As no ash is being generated.
XXII	Separate silos will be provided for collecting and storing bottom ash and fly ash.	Not applicable.



XXIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measure shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	<p>Noted and complied too. Capital Cost – Rs. 48,50,000/- O &amp; M Cost –Rs. 15,25,000/-</p> <table border="1" data-bbox="818 309 1452 1384"> <thead> <tr> <th data-bbox="826 309 890 477">Sr. No</th> <th data-bbox="898 309 1129 477">Cost of environmental protection measures</th> <th data-bbox="1137 309 1321 477">Recurring Cost per annum (Rs.)</th> <th data-bbox="1329 309 1452 477">Capital Cost</th> </tr> </thead> <tbody> <tr> <td data-bbox="826 488 890 555">1</td> <td data-bbox="898 488 1129 555">Air Pollution Control</td> <td data-bbox="1137 488 1321 555">1,00,000 /-</td> <td data-bbox="1329 488 1452 555">8,00,000/-</td> </tr> <tr> <td data-bbox="826 566 890 633">2</td> <td data-bbox="898 566 1129 633">Water Pollution Control</td> <td data-bbox="1137 566 1321 633">10,00,000/-</td> <td data-bbox="1329 566 1452 633">28,50,000/-</td> </tr> <tr> <td data-bbox="826 645 890 712">3</td> <td data-bbox="898 645 1129 712">Noise Pollution Control</td> <td data-bbox="1137 645 1321 712">25,000/-</td> <td data-bbox="1329 645 1452 712">40,000/-</td> </tr> <tr> <td data-bbox="826 723 890 869">4</td> <td data-bbox="898 723 1129 869">Environment Monitoring and Management</td> <td data-bbox="1137 723 1321 869">1,40,000/-</td> <td data-bbox="1329 723 1452 869">--</td> </tr> <tr> <td data-bbox="826 880 890 981">5</td> <td data-bbox="898 880 1129 981">Reclamation borrow / mined area</td> <td data-bbox="1137 880 1321 981">--</td> <td data-bbox="1329 880 1452 981">--</td> </tr> <tr> <td data-bbox="826 992 890 1059">6</td> <td data-bbox="898 992 1129 1059">Occupational Health</td> <td data-bbox="1137 992 1321 1059">65,000/-</td> <td data-bbox="1329 992 1452 1059">3,60,000/-</td> </tr> <tr> <td data-bbox="826 1070 890 1137">7</td> <td data-bbox="898 1070 1129 1137">Green Belt</td> <td data-bbox="1137 1070 1321 1137">1,00,000/-</td> <td data-bbox="1329 1070 1452 1137">1,00,000/-</td> </tr> <tr> <td data-bbox="826 1149 890 1227">8</td> <td data-bbox="898 1149 1129 1227">Solid Waste Management</td> <td data-bbox="1137 1149 1321 1227">60,000/-</td> <td data-bbox="1329 1149 1452 1227">--</td> </tr> <tr> <td data-bbox="826 1238 890 1317">9</td> <td data-bbox="898 1238 1129 1317">RWH</td> <td data-bbox="1137 1238 1321 1317">35,000/-</td> <td data-bbox="1329 1238 1452 1317">7,00,000/-</td> </tr> <tr> <td colspan="2" data-bbox="826 1328 1129 1384"><b>Total (Rs)</b></td> <td data-bbox="1137 1328 1321 1384"><b>15,25,000/-</b></td> <td data-bbox="1329 1328 1452 1384"><b>48,50,000/-</b></td> </tr> </tbody> </table>	Sr. No	Cost of environmental protection measures	Recurring Cost per annum (Rs.)	Capital Cost	1	Air Pollution Control	1,00,000 /-	8,00,000/-	2	Water Pollution Control	10,00,000/-	28,50,000/-	3	Noise Pollution Control	25,000/-	40,000/-	4	Environment Monitoring and Management	1,40,000/-	--	5	Reclamation borrow / mined area	--	--	6	Occupational Health	65,000/-	3,60,000/-	7	Green Belt	1,00,000/-	1,00,000/-	8	Solid Waste Management	60,000/-	--	9	RWH	35,000/-	7,00,000/-	<b>Total (Rs)</b>		<b>15,25,000/-</b>	<b>48,50,000/-</b>
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XXIV	The project management shall advertise at least in two local newspaper widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>	Noted and Complied. Newspaper Advertisement is attached as <b>Annexure- 11</b>																																												
XXV	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & the	Project proponent is submitting half-yearly compliance reports in hard and soft copy to MPCB and Department on 1st June and 1st December of every calendar year in respect of terms and conditions of prior environmental																																												

	department, 1st June & 1st December of each calendar year.	clearance.
XXVI	A copy of the clearance letter shall be sent by proponent to the concern Municipal Corporation and the local NGO, if any, from whom suggestions /representations, if any, were received while processing the proposal. The clearance shall also be put on the website of the Company by the proponent.	A copy of the clearance letter has been given to the concerned Municipal Corporation and the local NGO, and the approval has also been placed on the company's website by the proponent.
XXVI I	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emission) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted and complied too. The Status of compliance of the stipulated EC conditions, including results of monitoring data is uploaded on <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>
XXVI II	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Noted and complied too.
XXIX	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Noted. Environmental Statement Report (Form-V) is submitting every year. Recent copy is attached herewith as <b>Annexure-12</b>
4.	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does	Not Applicable

	not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	
5.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Project proponent has consented to condition.
6.	Validity of Environment Clearance: The environmental clearance accorded shall be valid for period of 5 years to start of production operations.	Project proponent has consented to condition.
7.	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Project proponent has consented to condition.
8.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Project proponent has consented to condition.
9.	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Not Applicable

**ANNEXURE-1**  
**INDUSTRY REGISTRATION**  
**(UDYOG ADHAR)**



भारत सरकार  
Govt. of India  
सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय  
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

**MSME**  
सूक्ष्म, लघु और मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



उद्योग आधार



Udyog Aadhaar



**B**

Type of Enterprise	Micro	Small	Medium
Manufacturing	A	B	C
Services	D	E	F
UAM No.	<b>MH33B0112938</b>		

### Udyog Aadhaar Registration Certificate

Udyog Aadhaar Number MH33B0112938  
Name of Enterprise V & V PHARMA INDUSTRIES  
Location of Plant Details

SN	Flat/Door/Block No.	Name of Premises/Building Village	Road/Street/Lane	Area/Locality	City	Pin	State	District
1	PLOT No N-48	V & V PHARMA INDUSTRIES	M.I.D.C	ADDL AMBERNATH MIDC	ANAND NAGARAMBERNATH	421506	MAHARASHTRA	THANE

Official Address of Enterprise 73, SANSKRUTI PRASAD , RAM MARUTI ROAD, THANE WEST, THANE  
District THANE State MAHARASHTRA PIN 400602  
Mobile No: 9769029039 Email: accounts@vandvpharma.com

Date of commencement 09/09/2011  
Major Activity MANUFACTURING  
Enterprise Type Small  
Previous Registration details-if any ::  
National Industry Classification Code

SN	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit Code	Activity Type
1	20 - Manufacture of chemicals and chemical products	2011 - Manufacture of basic chemicals	20119 - Manufacture of organic and inorganic chemical compounds n.e.c.	Manufacturing

Acknowledgement Date of Filing 07/03/2019 Date of Printing 07/03/2019

Disclaimer: This is computer generated statement, no signature required.  
Printed from udyogaadhaar.gov.in

MyMsme Mobile App (Beta Version) is available now for download. <https://play.google.com/store/apps/details?id=msme.mysmsme>



**ANNEXURE-2**  
**ENVIRONMENTAL CLEARANCE**  
**COPY**

Government of Maharashtra

SEAC- 2012/CR- 364/TC-2  
Environment department  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annex,  
Mumbai- 400 032.  
Dated: 11<sup>th</sup> March, 2015

To,  
Mr. V.S. Ghare  
Plot N-48, Additional MIDC,  
Ambarnath, Dist Thane

**Subject: Environment Clearance for proposed expansion of active pharma intermediates  
Ambarnath by M/s. V&V Pharma Industries**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 93<sup>rd</sup> meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 81<sup>st</sup> meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f) B1 as per EIA Notification 2006.

**Brief Information of the project submitted by Project Proponent is as:**

Name of the Project	M/s. V & V Pharma Industries
Project Proponent	Name: Mr. V.S. Ghare Plot N-48, Additional Ambarnath-MIDC, Ambarnath, Dist Thane
Consultant	Sadekar Enviro Engineers Pvt. Ltd.
New Project / Expansion in existing project/	Expansion in existing project
Activity schedule in the EIA Notification	Schedule 5 (f) B1
Area Details	Total plot Area: 5400.00 Sq. mtrs Total Built up area: 1321.78 sq. mt Additional Ambarnath area (Notified Industrial Area)
Name of the Notified Industrial area / MIDC	M.I.D.C., Additional Ambarnath, Thane, Maharashtra
TOR given by SEAC? (If yeas then specify the meeting)	Application submitted to SEAC-I on 25-8-2014. The EIA report is based as per the provisions of EIA notification no S.O. 1533 (E) dated 14/2006 amended on Jan 19, 2009

	based on Model TOR.				
Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)	Total Cost of existing project :Rs. 4.72 Crores Total Cost of Proposed Expansion: 1 Cr				
Location details of the project :	<input type="checkbox"/> Lat 19° 10' 17.42" N <input type="checkbox"/> Long 73° 12' 16.15" E <input type="checkbox"/> Location: - Plot N-48, Additional Ambernath-MIDC, Ambernath , Dist Thane <input type="checkbox"/> Elevation above Mean Sea Level (meters):- 69 mtrs				
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries	Project is in Additional Ambernath MIDC Thane				
Production details	Name of products, by products and intermediate products	Existing (MT/year)	Proposed activity (new/modernization/expansion)	Total (T/year)	
	Sr. NO	EXISTING PRODUCT NAME	Total CAPACITY PER ANNUM	NAME OF PRODUCT	Production Quantity (MT/Year)
	1.	LAE salts	9 MT	Ambroxol hydrochloride	5.0
	2.	Mucic acid	12 MT	Aripiprazole	4.0
	3.	Furandicarboxylates	6 MT	Bezafibrate	4.0
	4.	Indanones 5,6-Dimethoxyindanone 1-Indanone	9 MT	Levosulpiride	6.0
	5.	Phenanthrolines	3 MT	Donepezil	6.0
	6.			Etodolac	4.5
	7.			Flurbiprofen	4.0



				n	
	8			Loxoprofen	4.5
	9			Furosemide	4.0
	10			Leflunomide	4.0
	11			Lumefantrine	4.5
	12			Phloroglucinol	4.5
	13			Rasagiline HCl	6.0
	14			Telmisartan	4.0
	15			Valsartan	5.0
	16			Bromhexine	5.0
	17			7-Hydroxy-3,4-dihydrocarbostyryl	3.0
	18			1-(2,3-Dichlorophenyl) piperazine	6.0
	19			Isovanillin	6.0
		Total	39 MT	TOTAL	90.0
Rain Water Harvesting(RWH)	<input type="checkbox"/> Level of the Ground water table – 4 - 5 mtr. <input type="checkbox"/> Size and no of RWH tank(s) and Quantity 50 m <sup>3</sup> <input type="checkbox"/> Location of the RWH tank(s) SW corner of plant				
Total Water Requirement	Total water requirement Total water permitted (Consent to operate): 54 CMD Existing Water Requirement: 25 CMD Proposed Water Requirement: 29 CMD				
Storm water drainage	<input type="checkbox"/> Natural water drainage pattern ; Yes it is provided <input type="checkbox"/> Quantity of storm-water: - <input type="checkbox"/> Size of SWD: 500mm x 700mm				
Sewage generation and treatment	<input type="checkbox"/> Amount of sewage generation (CMD)- 4.0 <input type="checkbox"/> Proposed treatment for the sewage: septic tank followed by soak pit				
Effluent characteristic	Sr no	Parameters (pH,BOD,COD ,heavy metal.ect	Inlet effluent characteristic	Outlet effluent characteristic	Effluent discharge standard (CPC B/MP



	<ul style="list-style-type: none"> <li>• Possible users of solid waste</li> <li>• Method of disposal of solid waste: sent to Hazardous waste site</li> </ul>					
Atmospheric Emissions (Flue gas characteristics SPM, SO <sub>2</sub> , NO <sub>x</sub> , CO, etc.)	Sr No	Pollutant	Source of emission	Emission Rate (Kg/hr)	Concentration in flue gas (g/m <sup>3</sup> )	
	1	SPM	Boiler Stack	-	56.38 mg/Nm <sup>3</sup>	
	2	SO <sub>2</sub>			0.15 Kg/hr	
	3	NO <sub>x</sub>			-	
	4	CO			-	
	5	others			-	
Stack emission Details: (All the stacks attached to process units, Boilers, Boilers, captive power plant, D.G. Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. e.g.: Process section, D.G. Set, Boiler, Power Plant, incinerator etc. Emission rate (kg/hr.) for each pollutant (SPM, SO <sub>2</sub> , NO <sub>x</sub> etc. should be specified	Plant section & units	Stack no	Height from ground level (M)	Internal diameter (top)(m)	Emission rate (m <sup>3</sup> /h) NPT	Temp. of exhaust
	Boiler (1nos)	1	35	0.45m	-	90 to 110 °C
	Boiler (1 nos.) Proposed (As stand by)	1	35	0.45m	-	90 to 110 °C
	D.G. Set	1	3 mtrs above roof	0.15 m	-	140-155 °C
Emission Standard	Pollutants (SPM,SO <sub>2</sub> ,ect	Emission standard limit (ug/Nm <sup>3</sup> )	Proposed limit (mg/Nm <sup>3</sup> )	MPCB consent (ug/Nm <sup>3</sup> )		
	SPM	150	56.38 mg/Nm <sup>3</sup>	150		

Ambient Air Quality Data						
Pollutant	Permissible standard	Proposed concentration (in ug/m <sup>3</sup> )	Remarks			
PM 2.5	60 ug/m <sup>3</sup>	<60 ug/m <sup>3</sup>	--			
PM 10	100 ug/m <sup>3</sup>	<100 ug/m <sup>3</sup>	--			
SO <sub>2</sub>	80 ug/m <sup>3</sup>	<80 ug/m <sup>3</sup>	--			
NO <sub>x</sub>	80 ug/m <sup>3</sup>	<80 ug/m <sup>3</sup>	--			
Details of Fuel to be used:						
Sr no	Fuel	Daily Consumption (KLD)		Calorific value(kcal/kg)	% ash	% Sulphur
		Existing	Proposed			
1.	HSD	30 Ltr	No need for extra fuel	10700	0.02%	0.05 - 0.25%
2	F.O.	200 ltr/D	300 ltr/D	10500	0.1%	2-4%
<input type="checkbox"/> Source of fuel: Local <input type="checkbox"/> Mode of transportation of fuel to site: By Road						
Energy						
Power supply: Total sanctioned power supply(Consent) 375 KVA <input type="checkbox"/> Existing power requirement: 195 KVA <input type="checkbox"/> Proposed power requirement: 180 KVA DG sets: <input type="checkbox"/> Number and capacity DG sets to be used (existing and proposed) = Existing 1x240 KVA, Proposed : No (Existing DG set will used)						
Green Belt Development						
<input type="checkbox"/> Green belt area (Sq. m.): 945 Sq mts <input type="checkbox"/> Number and species of trees to be planted: - (Existing +Proposed) about 60 Nos., Cassia, Bottle Brush, Chapa, Apta, Parijat, Neem, Gulmohar, Karanj and Ashoka.						
Details of Pollution Control Systems						
Sr no		Existing pollution control system	Proposed to be installed			
1	Air	Scrubbers	Same will be utilized			
2	Water	ETP	Existing will be			

				utilized
	3	Noise	Acoustic Enclosure for DG sets	Existing will be utilized
	4	Solid waste	Disposal to Authorized common facility	Existing will be utilized
Environmental Management plan <input type="checkbox"/> O&M cost (With break up) : Budgetary Allocation	<input type="checkbox"/> Capital cost (With break up) : 48.50 Lakh <input type="checkbox"/> O&M cost (With break up) : 15,25,000 Lakh			
	Sr no		Recurring Cost per annum Rs.	Capital Cost Rs.
	1	Air Pollution Control	1,00,000/-	8,00,000/-
	2	Water Pollution Control	10,00,000/-	28,50,000/-
	3	Noise Pollution Control	25,000/-	40,000/-
	4	Environment monitoring and Management	1,40,000/-	--
	5	Reclamation borrow/mined area (if applicable)	--	--
	6	Occupational health	65,000/-	3,60,000
	7	Green Belt	1,00,000/-	1,00,000/-
	8	Solid west management	60,000/-	--
	9	RWH	35,000/-	700,000/-
		Total Cost	15,25,000/-	48,50,000/-
EIA Submitted (If yes then submit the salient features)	Revised EIA submitted on 27/5/2014.			

3. The proposal has been considered by SEIAA in its 81<sup>st</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

**General Conditions for Pre- construction phase:-**


- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (ii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iii) Regular monitoring of the air quality, including SPM & SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be

- decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (iv) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
  - (v) Proper Housekeeping programmes shall be implemented.
  - (vi) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
  - (vii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)
  - (viii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
  - (ix) Arrangement shall be made that effluent and storm water does not get mixed.
  - (x) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
  - (xi) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
  - (xii) The overall noise levels in and around the plant are 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.
  - (xiii) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
  - (xiv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
  - (xv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
  - (xvi) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
  - (xvii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
  - (xviii) The company shall undertake following Waste Minimization Measures :
    - Metering of quantities of active ingredients to minimize waste.
    - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
    - Maximizing Recoveries.
    - Use of automated material transfer system to minimize spillage.
  - (xix) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
  - (xx) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
  - (xxi) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
  - (xxii) Separate silos will be provided for collecting and storing bottom ash and fly ash.

- (xxiii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
- (xxiv) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxv) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- (xxvi) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxvii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxviii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxix) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to

assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
(Ajoy Mehta)  
Principal Secretary,  
Environment department &  
MS, SEIAA.

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-1, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune - 411014. .
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Thane.
7. Collector, Thane
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

(EC uploaded on 13/03/2015 )



**ANNEXURE-3**  
**1ST CONSENT TO OPERATE**

MAHARASHTRA POLLUTION CONTROL BOARD  
REGIONAL OFFICE-KALYAN

Phone : 0251-2310167 /2310212

Fax : 0251-2310192

Email : rokalyan@mpcb.gov.in



Sidhivinayak Sankul 3rd floor, Near Oak  
Baug, Station Road,

Kalyan - 421301

Visit At <http://mpcb.gov.in>

Red/SSI

KH-5134-11

Consent No. MPCB/ROK/KCA/E/ CC- 53

Date: 03/02/2012

Consent to Operate under Section 26 of the Water (Prevention and Control of Pollution) Act, 1974, under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Hazardous Wastes (Management, Handling & Trans Boundary Movement) Rules, 2008.

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively]

CONSENT is hereby granted to

**M/s. V and V Pharma Industries**

Plot No. N-48, Addl. MIDC Ambernath.

Located in the area declared under the provisions of the Water Act / Air act and Authorization under the provisions of Management, Handling & Transboundary Movement) Rules 2008 to subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period valid up to 31/1/2013 ✓  
The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	De mulsifiers & corrosion Inhibitors	10.0	MT/M
2	Coco Mono Ethanol amide	7.0	MT/M
3	Amino Oxides	7.0	MT/M
4.	Paper Deformers & Dinking Agents	7.0	MT/M



**CONDITIONS UNDER WATER ACT:**

- (i) The daily quantity of trade effluent from the factory shall not exceed **18.0 M<sup>3</sup>** ±
- (ii) The daily quantity of sewage effluent from the factory shall not exceed **4.0 M<sup>3</sup>**.

(iii) Trade Effluent :

Treatment: The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

1	pH	Between	5.5 to 9.0	
2	Suspended Solids	Not to exceed	100	mg/l.
3	BOD 3 days 27 Deg. C.	Not to exceed	100	mg/l.
4	COD	Not to exceed	250	mg/l.
5	Oil & Grease	Not to exceed	10	mg/l.
6	Chlorides	Not to exceed	600	mg/l.
7	Sulphates	Not to exceed	1000	mg/l.

(iv) **Trade Effluent Disposal:** The treated trade effluent shall achieve above standards and shall be recycled and reuse till commissioning of CETP.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

- |                       |               |     |       |
|-----------------------|---------------|-----|-------|
| (1) Suspended Solids  | Not to exceed | 100 | mg/l. |
| (2) BOD 3 days 27o C. | Not to exceed | 100 | mg/l. |

(vi) **Sewage Effluent Disposal:** The treated effluent shall be connected to a septic tank followed by soak pit which shall be got cleaned periodically. Overflow shall be connected to the sewerage system provided by CETP.

(vii) **Other Conditions:** Industry should monitor effluent quality regularly

(viii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
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The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

- |                              |     |      |     |
|------------------------------|-----|------|-----|
| (i) Domestic                 | ... | 5.0  | CMD |
| (ii) Industrial Processing   | ... | 24.0 | CMD |
| (iii) Industrial Cooling     | ... | 25.0 | CMD |
| (iv) Agriculture / Gardening | ... | 2.0  | CMD |

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

## 2. CONDITIONS UNDER AIR ACT:

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

**Control Equipment:** Scrubber of sufficient capacity shall be provided, operated maintained regularly so as to achieve following standards.

Standards for Stack Emissions:

- |                    |               |     |                    |
|--------------------|---------------|-----|--------------------|
| 1) SPM             | Not to exceed | 150 | mg/Nm <sup>3</sup> |
| 2) So <sub>2</sub> | Not to exceed | 35  | kg/day             |

(ii) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	Furnace oil	500	Litrs/Day
2.	Diesel	30	Lit/Hr. - day

(iii) The applicant shall erect the chimney(s) of the following specifications:

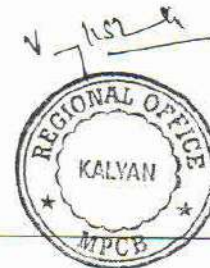
Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler	35 Mtrs
2.	D.G. set 240KVA	3 Mtrs.

- (iv) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (v) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- (vi) Other Conditions:
- 1) The industry should not cause any nuisance in surrounding area.
  - 2) The industry should monitor stack emissions and ambient air quality Regularly.

3. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

(i) The industry shall handle hazardous wastes as specified below.

Sr. No.	Category of H.W.	Type Of Waste	Quantity	Disposal
1	34.4	Chemical Sludge form waste water treatment	8.0 MT/A	CHWTSDF
2.	28.1	Residues and wastes	0.6 MT/A	CHWTSDF



#### 4. Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
4. The industry shall comply with the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008.
5. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008. And shown & submitted to the Board as & when asked for.
6. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office
7. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case

of failure of pollution control equipments, the production process connected to it shall be stopped.

8. The Capital investment of the industry is Rs. 467/-Lakhs only.
9. Board reserves right to revoke, suspend or amend the consent issued.
10. The consent should not be construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fir necessary.
11. The applicant shall comply with the Conditions as stipulated under Annexure-I & II enclosed.

For and on behalf of the  
Maharashtra Pollution Control Board,



(V.V. Shinde)  
Regional Officer, Kalyan.

To,  
M/s. V and V Pharma Industries  
Plot No. N-48, Addl. MIDC Ambernath.

Copy submitted to:  
Member Secretary MPCB, Mumbai.  
Cess branch, MPCB sion, Mumbai.

Copy to:  
1. Sub-Regional Officer, Kalyan.-II

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	D.R.No / Date	Drawn On
1	20,000/-	621933	4.7.2011	9526570 19/07/2011	SBI Bank
2	10,000/-	623073	25.1.2012	9554104 25.1.2012	SBI Bank

**ANNEXURE-4**  
**2<sup>nd</sup> CONSENT TO OPERATE**

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 0251-2310167 /2310212

Fax : 0251-2310192

Email : rokalyan@mpcb.gov.in

Visit At : <http://mpcb.gov.in>



Sidhivinayak Sankul,  
3rd floor, Near Oak Baug,  
Station Road,  
Kalyan - 421301

Red/S.S.I

Date: 02/Dec/2013

Consent No: MPCB/13/09936/330

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. V And V Pharma Industries  
Plot No. N-48, Anand Nagar, Additional Ambernath,  
MIDC Industrial Area, Ambernath, Dist-Thane.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 31/11/2016. *EP*
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Demulsifiers & Corrosion Inhibitors	10.00	MT/M
2	Phenanthroline	0.25	MT/M
3	Pyrazole	0.5	MT/M
4	Coco mono Ethanol Amide	7.00	MT/M
5	Amino Oxides	7.00	MT/M
6	Paper defoamers & De inking Agents	7.00	MT/M
7	LAE salt	0.75	MT/M
8	Mucic Acid	1.00	MT/M
9	Purandicarboxylate	0.5	MT/M
10	Indanone	0.75	MT/M

#### CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 18.00M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 4.00M<sup>3</sup>.
- (iii) Trade Effluent Treatment: The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:





1	pH	Between	5.5 to 9.0
2	Oil & Grease	Not to exceed	10 mg/l
3	Suspended Solids	Not to exceed	100 mg/l.
4	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
5	COD	Not to exceed	250 mg/l.

(iv) **Trade Effluent Disposal:** The metal bearing industrial effluent shall be segregated and reused back into process and remaining treated effluent shall use on land for gardening. There shall not be any discharge outside the factory premises. The industry shall become member of CETP as and when proposed. Industry shall provide necessary facilities to recycle the entire industrial effluent back into the process in six months.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1)	Suspended Solids	Not to exceed	100	mg/l.
(2)	BOD 3 days 27o C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Waste	Quantity	UOM	Treatment	Disposal
---------	------------	----------	-----	-----------	----------

(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

3. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

(i) Domestic purpose	...	5.00 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	24.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	25.00CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

#### 4. CONDITIONS UNDER AIR ACT :

(i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. **Control Equipment:** Industry shall provide dust collector of sufficient capacity to control the emissions.



## 5. Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

## 6. Standards for Stack Emissions:

- (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	Furnace Oil	500.00	Kg/Day
2	Diesel	30.00	Ltr/Hr

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler	35.00
2	D.G( 240 KVA)	3.00
3	Scrubber	5.00

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



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

(vi) Other Conditions:

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emissions and ambient air quality Regularly.

**7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:**

(i) The Industry shall handle hazardous wastes as specified below.

Sr. No	Type Of Waste	Quantity	UOM	Disposal
1	34.3 Chemical sludge from waste water treatment	8.00	MT/A	CHWTSDF
2	28.1 Residues and wastes*	0.60	MT/A	CHWTSDF

(ii) Treatment: - NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M&H) Rules, 2003.
  - a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
  - b. Industry shall obtain registration from CPCB as a re-refiner of Used oil having environmentally sound technology as per the provisions of Hazardous Waste (Management & Handling) Rules 1989 & Amendment Rules 2003, before commencement of production.
  - c. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.
  - d. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management & Handling) Rules, 1989 as amended on 2003 and shown & submitted to the Board as & when asked for.

**8. Industry shall comply with following additional conditions:**

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.



- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
  - v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
  - vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
  - vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
  - viii. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
  - ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
  - x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
  - xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
  - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
10. The Capital investment of the industry is Rs. 472.00Lacs.



BP  
(Bhagwan Biraji Solunke)  
Regional Officer, Kalyan

To  
M/s. And V Pharma Industries  
Plot No. N-48, Anand Nagar, Additional Ambernath,  
MIDC Industrial Area, Ambernath, Dist-Thane.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	100	209091	11 Nov 2013	SBI Bank
2	45000	209100	13 Nov 2013	SBI Bank

SRO Kalyan II/VR/S/49535000



**ANNEXURE-5**  
**3<sup>rd</sup> CONSENT TO OPERATE**

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 0251-2310167 /2310212

Fax : 0251-2310192

Email : rokalyan@mpcb.gov.in

Visit At : <http://mpcb.gov.in>



Sidhivinayak Sankul,  
3rd floor, Near Oak Baug,  
Station Road,

Kalyan - 421301

RED/S.S.I

Date: 23/06/2017

Consent No: MPCB/17/ 104 / 1707000131

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules 2016

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. V. & V Pharma Industries.

Plot No. N-48, Add. Ambernath, Indl. Area,  
Tal- Ambernath, Dist-Thane.

Located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW (M&H) Rules and amendments thereto subject to the provisions, of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to:-30/11/2020.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UCM
1	Demulsifies & Corrosion Inhibitors	10.0	MT/M
2	Phenanthroline	0.25	MT/M
3	Pyrazole	0.5	MT/M
4	Coco mono Ethanol Amide	7.0	MT/M
5	Amino Oxides	7.0	MT/M
6	Paper defoamers & De inking Agents	7.0	MT/M
7	LAE Salt	0.75	MT/M
8	Muoic Acid	1.0	MT/M
9	Furandicarboxylate	0.5	MT/M
10	Indanone	0.75	MT/M

### 3. CONDITIONS UNDER WATER ACT:

(i) The daily quantity of trade effluent from the factory shall not exceed 18.00M3.

(ii) The daily quantity of sewage effluent from the factory shall not exceed 4.0M3.

(iii) Trade Effluent Treatment: The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

1	pH	Between	5.5 to 9.0	
2	Suspended Solids	Not to exceed	100	mg/l.
3	BOD 3 days 27 Deg. C.	Not to exceed	100	mg/l.
4	COD	Not to exceed	250	mg/l.
5	Oil & Grease	Not to exceed	10	mg/l.

(iv) Trade Effluent Disposal: The treated effluent shall be recycled to maximum extend back in the process and remaining shall dispose to CETP. There shall be no discharge of effluent outside industry premises.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

- |                       |               |     |       |
|-----------------------|---------------|-----|-------|
| (1) Suspended Solids  | Not to exceed | 100 | mg/l. |
| (2) BOD 3 days 27o C. | Not to exceed | 100 | mg/l. |

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
	...NA...				

(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

- |   |     |           |
|---|-----|-----------|
| (i) Domestic purpose  | ... | 5.00 CMD  |
| (ii) Water gets Polluted & Pollutants are Biodegradable             | ... | 24.00 CMD |
| (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 CMD  |
| (iv) Industrial Cooling, spraying in mine pits or boiler feed       | ... | 25.00 CMD |

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. **CONDITIONS UNDER AIR ACT:**

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

**Control Equipment:** Industry shall provide Air Pollution Control Systems of sufficient capacity to control the emissions.

**Standards for Stack Emissions:**

- |                    |               |                       |
|--------------------|---------------|-----------------------|
| 1) SPM             | Not to exceed | 15 mg/Nm <sup>3</sup> |
| 2) SO <sub>2</sub> | Not to exceed | 10.8 Kg/day.          |

ii) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	Furnace Oil	500.0	Kg/day
2	Diesel	30.0	Ltr/hrs.

(iii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler	35.0
2	Scrubber	5.0
3	D. G. Set (240 KVA)	3.0

- (iv) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such

as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

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

(vi) Other Conditions:

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emissions and ambient air quality Regularly.

**6. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2016:**

(i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	34.3 Chemical sludge from waste water treatment	8.0	MT/A	CHWTSDF
2	28.1 Residue and wastes	0.60	MT/A	CHWTSDF



*Handwritten signature and date:*  
29/06/17

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M&H) Rules, 2016.
  - a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment's, the production process connected to it shall be stopped.
  - b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.
  - c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management & Handling) Rules, 1989 as amended on 2003 and shown & submitted to the Board as & when asked for.

**7. Industry shall comply with following additional conditions:**

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste - The non-hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipment provided for without previous written permission of the Board.



- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
  - vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
  - viii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
  - ix. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
  - x. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
  - x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
  - xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down-stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
  - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
8. Applicant shall not carry out any activities which require prior Environmental Clearance as per EIA notification 2006 & as amended.
  9. This Board reserves the right to amend, to revoke, suspend the consent issued or add any conditions in this consent and the same shall be binding on the Applicant.
  10. The consent should not be construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fit necessary.
  11. The Public Liability Insurance (PLI) Act 1991 referred to PLI Act 1981 provides a mandatory Public Liability Insurance for an owner, industry or Installation handling its liability arising out of accident involving Hazardous Chemicals.
  12. The Capital investment of the industry is Rs.482 Lakhs.

To,  
M/s. V. & V Pharma Industries.  
Plot No. N-48, Add. Ambernath, Indl. Area,  
Tal- Ambernath, Dist-Thane.  
Received Consent fee of -



*[Signature]*  
23/6/17  
(D. B. Patil)  
Regional Officer, Kalyan

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	15000/-	TXN1612000584	06/12/2016	.....
2	60000/-	TXN1701002019	14/01/2017	.....

Copy to:

1. CAO/ Cess Wing/ Master File.
2. Sub Regional Officer, Kalyan-II, M.P.C.Board, Kalyan.

SRO Kalyan II/II/R/S/MPCB-CONSENT-0000017016 M/s.V.V.Pharma industries.

**ANNEXURE-6**  
**CONSENT TO RENEWAL**

## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [ast@mpcb.gov.in](mailto:ast@mpcb.gov.in)



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

RED/S.S.I (R58)

No:- Format1.0/AS(T)/UAN No.0000107101/CO-2103000646

Date: 10/3/2021

To,  
M/s. V & V Pharma Industries  
PLOT NO. N - 48 ADDL AMBERNATH INDUSTRIAL AREA,  
TAL. AMBERNATH, DIST. THANE



Your Service is Our Duty

**Sub: Grant of 1st Consent to Operate with renewal of existing Consent to Operate (amalgamation) under Red/SSI**

- Ref:**
- Existing Consent to Operate granted vide No. MPCB/17/104/1707000131 dated 23/6/2017
  - Environmental Clearance granted vide No. SEAC-2012/CR-364/TC-2 dated 11/3/2015
  - Consent to Establish granted vide No. Format 1.0/AS(T)/UAN No. 0000099993/CE-2102000147 dated 02/02/2021

Your application No.MPCB-CONSENT-0000107101 Dated 24.01.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent to operate is granted for a period up to 30/11/2025**
- The capital investment of the project is Rs.4.85 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 4.82 Crs + Expansion in C.I. - Rs. 0.03 Crs)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Aripiprazole	4	MT/A
2	Bezafibrate	4	MT/A
3	Levosulpiride	6	MT/A
4	Donepezil	6	MT/A
5	Etodolac	4.5	MT/A
6	Flurbiprofen	4	MT/A
7	Loxoprofen	4.5	MT/A
8	Leflunomide	4	MT/A



Sr No	Product	Maximum Quantity	UOM
9	Phloroglucinol	4.5	MT/A
10	Rasagiline HCl	6	MT/A
11	Bromhexine	5	MT/A
12	LAE salts	9	MT/A
13	Mucic acid	12	MT/A
14	Furandicarboxylates	6	MT/A
15	Indanones 5,6- Dimethoxyindano ne 1-Indanone	9	MT/A
16	Phenanthrolines	3	MT/A

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	18	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	4.0	As per Schedule-I	Soaked in soak pit

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler (02 Nos)	1	As per Schedule -II
2	S-2	Reactor- Process Vent	1	As per Schedule -II
3	S-3	Glass Line Reactor- Process Vent	1	As per Schedule -II
4	S-4	D G Set (125 KVA)	1	As per Schedule -II

5. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	NA	0	--NA--	0	0

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	35.3 Chemical sludge from waste water treatment	8.0	MT/M	Landfill	CHWTSDF
2	28.1 Process Residue and wastes	1.4	MT/M	Incineration	CHWTSDF
3	28.6 Spent solvents	03	KL/M	Reprocess	Sale to Authorized Reprocessor*

\* Sale to Authorized Reprocessor having permission under Rule 9 of H&OW Rule



# Maharashtra Pollution Control Board

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- 7 The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 8 This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 9 Industry shall not carry out excess production or produce new product without Consent to Operate of the Board or without Environmental Clearance wherever it requires
- 10 The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2012/CR-364/TC-2 dated 11/3/2015
- 11 The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
- 12 This consent is issued as per the delegation of powers to HOD vide Office Order No. 12/2020 dated 23/12/2020

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(P.K. Mirashe)  
Assistant Secretary (Tech.)

### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	15000.00	TXN2101002362	24/01/2021	Online Payment

### Copy to:

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



**SCHEDULE-I**

**Terms & conditions for compliance of Water Pollution Control:**

1. A) As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 25.00 CMD consisting of Primary (Collection tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advanced treatment (Distillation Column/ Reactor), Sludge treatment (Sludge drying bed) for the treatment of 18 CMD of trade effluent.
  - B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
  - C) The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
2. A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 4.0 CMD of sewage.
  - B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards	
1	BOD (3 days 27°C )	Not to exceed	100 mg/l
2	Total Suspended Solids	Not to exceed	100 mg/l

- C) The treated sewage shall be soaked in soak pit and overflow if any used on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
  4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
  5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	25.00
2.	Domestic purpose	5.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	24.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

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

**SCHEDULE-II**

**Terms & conditions for compliance of Air Pollution Control:**

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub> (kg/day)
S-1	Boiler (02 Nos)	Stack	35	Furnace Oil	500 Lit/Day	4.00	4.00
S-2	Reactor- Process Vent	Alkaline Scrubber	4	--	--	--	--
S-3	Glass Line Reactor-Process Vent	Acid Scrubber	4	NA	0--NA--	0.00	0.00
S-4	D G Set (200 KVA)	Acoustic ENClosure	3.0	Diesel	30Ltr/Hr		

Industry shall adopt cleaner fuel instead of Furnace Oil or install wet scrubbing arrangement with 90% SO<sub>2</sub> removal as per Board Circular dated 05/2/2020

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards	
Total Particulate Matter	Not to exceed	150 mg/ Nm <sup>3</sup>
Acid Mist	Not to exceed	35 mg/ Nm <sup>3</sup>

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
6. Solvent Management shall be carried out as follows:
- Reactors shall be connected to Chilled Brine Condenser system



- b. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
- c. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 95% overall recovery
- d. Solvents shall be stored in a separate space specified with all safety measures.
- e. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
- f. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
- g. All the solvent storage tanks shall be connected with vent condensers with chilled Brine circulation.
- h. Fugitive emissions shall be controlled at 99.95% with effective chillers.
- i. Solvent transfer shall be through pump.
- j. Metering and control of quantities of active ingredients to minimize wastes.
- k. Use of automatic filling to minimize spillage.
- l. Use of close feed system into batch reactors.
- m. Venting equipment through vapour recovery system.

**SCHEDULE-III  
Details of Bank Guarantees:**

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	1.0 Lakh	Existing	Towards O&M of Pollution Control System and Compliance of Consent Conditions	30/11/2025	31/3/2026

**BG Forfeiture History**

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

**BG Return details**

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





**SCHEDULE-IV**  
**General Conditions:**

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



# Maharashtra Pollution Control Board

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

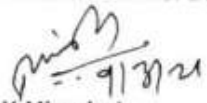


# Maharashtra Pollution Control Board

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

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(P.K. Mirashe)  
Assistant Secretary (Tech.)

**ANNEXURE-7**  
**AIR MONITORING REPORTS**



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1204	Issue Date	17/01/2023
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambernath, Dist-Thane.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	09/01/2023	Sampling duration	1440 Min
Sampling Location	Near R&D Shed	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	28°C	Wet bulb temperature	24°C
Relative Humidity	61% RH	Sampling done by	Eurofine Enviro Lab Pvt. Ltd.
Start Date of Analysis	10/01/2023	End Date of Analysis	17/01/2023

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	15.3	µg/m <sup>3</sup>	≤ 80	CPCB Guideline for measurement of Ambient Air pollutants Volume I
2	Oxides of Nitrogen(NO <sub>2</sub> )	20.5	µg/m <sup>3</sup>	≤ 80	
3	Particulate Matter PM <sub>10</sub>	46.8	µg/m <sup>3</sup>	≤ 100	
4	Particulate Matter PM <sub>2.5</sub>	28.1	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.3	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	<20	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	<5	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

**Remark-** All above results are within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1205	Issue Date	17/01/2023
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambernath, Dist-Thane.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	09/01/2023	Sampling duration	1440 Min
Sampling Location	Near ETP	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	28°C	Wet bulb temperature	24°C
Relative Humidity	61% RH	Sampling done by	Eurofine Enviro Lab Pvt. Ltd.
Start Date of Analysis	10/01/2023	End Date of Analysis	17/01/2023

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	13.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	18.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	46.7	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	24.1	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.3	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	<20	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	<5	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

Remark- All above results are within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1206	Issue Date	17/01/2023
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambarnath, Dist-Thane.		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	09/01/2023		Stack Height : 35 M
Sampling Location	Boiler		Stack Type : Round
Sampling done by	Eurofine Enviro Lab Pvt. Ltd.	Sampling duration	30 Min
Sample Quantity	--	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	10/01/2023	End Date of Analysis	17/01/2023

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	416	K		---
2	Differential Pressure	4.2	mm WG		
3	Velocity	7.93	M/s		
4	Dimensions of Stack	0.45	Mtr.		
5	Stack Area	0.158	M <sup>2</sup>		
6	Gas Volume	3253.99	Nm <sup>3</sup> /Hr		
7	Particulate Matter	72.3	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	20.3	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide (SO <sub>2</sub> )	1.58	Kg/day	N.S	
10	Nitrogen Oxide	14.6	Mg/Nm <sup>3</sup>	--	

#### Remark(s):

- All above results are well within MPCB



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

**ANNEXURE-8**  
**GREEN BELT PHOTOGRAPHS**





**ANNEXURE-9**  
**HEALTH CHECK-UP REPORTS**

# **V&V PHARMA INDUSTRIES.**

PLOT NO. N.48, ADDITIONAL MIDC, ANAND NAGAR, AMBERNATH ( E ). THANE-421 506.

**HEALTH CHECK UP DONE**  
**ON DATE : 22, NOVEMBER, 2022.**

**FORM NO. 7**

BY

**Dr. Anita S. Tarlekar**  
**(Certifying Surgeon)**

**Shushrusha Occupational Industrial Health & Research Center**

**Add: Plot No: 22-A, Phase-III Palm Beach Road, Sec-06, Nerul, Navi Mumbai-400 706**

**Tel No: 9322297834 , 9833327293. Email Id : [shushrushaoccuhealth@gmail.com](mailto:shushrushaoccuhealth@gmail.com)**

## FORM NO. 7

Page 1 of 4

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

**V&V PHARMA INDUSTRIES.****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarlekar(M.D.,AFIH)**  
Certifying SurgeonFrom: 22-11-22 To 21-11-23

From: \_\_\_\_\_ To \_\_\_\_\_

Sri No	Employee No	Name of Worker	Sex	Age	Date Of Employment Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1		MR. AMOL CHOUGULE	Male	39				MANAGER		22-11-22	Fit For Job				
2		MR. ANIL KHARAT	Male	33				WORKER		22-11-22	Fit For Job				
3		MR. ASHOK JAISWAL	Male	49				OPERATOR		22-11-22	Fit For Job				
4		MR. BABLU PRAJAPATI	Male	35				OPERATOR		22-11-22	Fit For Job				
5		MR. CHANARAKANT BHORE	Male	45				OPERATOR		22-11-22	Fit For Job				
6		MR. DATTATRAY PATIL	Male	35				CHEMIST		22-11-22	Fit For Job				
7		MR. EKNATH BHANDE	Male	35				WORKER		22-11-22	Fit For Job				
8		MR. GANESH SAHU	Male	38				WORKER		22-11-22	Fit For Job				
9		MR. GANESH YADAV	Male	45				WORKER		22-11-22	Fit For Job				
10		MR. GITESH KADAM	Male	22				WORKER		22-11-22	Fit For Job				
11		MR. HINDURAO BENGAGE	Male	39				SUPERVISOR		22-11-22	Fit For Job				

डॉ. अनिता सं. तारलेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे ठाणे जिल्हाकरिता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
शत्य चिकीत्सक क्र. ACS31 AT/2016

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

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Certifying SurgeonFrom: **22-11-22** To **21-11-23**  
From: \_\_\_\_\_ To \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
12		MR. JAGANATH DURGAWALE	Male	61				HEAD OF THE DEPARTMENT		22-11-22	Fit For Job				
13		MR. JITENDAR CHAUHAN	Male	38				WELDER		22-11-22	Fit For Job				
14		MR. LANKESH SAKPAL	Male	29				WORKER		22-11-22	Fit For Job				
15		MR. MADHAV YEKALI	Male	37				HOUSE KEEPER		22-11-22	Fit For Job				
16		MR. MAESH PARDHI	Male	29				WORKER		22-11-22	Fit For Job				
17		MR. MAHADEV BANDEKAR	Male	31				SUPERVISOR		22-11-22	Fit For Job				
18		MR. MAYUR BHAVEKAR	Male	37				EXECUTIVE		22-11-22	Fit For Job				
19		MR. NITIN PAGARE	Male	53				SUPERVISOR		22-11-22	Fit For Job				
20		MR. PRAKSH MULE	Male	50				ASSISTANT		22-11-22	Fit For Job				
21		MR. PRATHMESH GAIKAR	Male	26				HOUSE KEEPER		22-11-22	Fit For Job				
22		MR. PRAVIN NIKAM	Male	32				OPERATOR		22-11-22	Fit For Job				

डॉ. अनिता स. तारळेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे ठामे- जिल्हाकमिती-०२-डिसेंबर-२०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
शल्य चिकीत्सक क्र.ACS31AT/2016







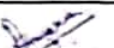




(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

**V&V PHARMA INDUSTRIES.****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

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Certifying SurgeonFrom: **22-11-22** To **21-11-23**

From: \_\_\_\_\_ To \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
23		MR. PRITAM JADHAV	Male	33				SR. EXECUTIVE		22-11-22	Fit For Job				
24		MR. RAHUL BOROLE	Male	22				OPERATOR		22-11-22	Fit For Job				
25		MR. RAJESH KIRLOSKAR	Male	40				WORKER		22-11-22	Fit For Job				
26		MR. RAJU SHINGAVE	Male	31				HR ASSISTANT		22-11-22	Fit For Job				
27		MR. RUKMAYA DASARI	Male	32				WORKER		22-11-22	Fit For Job				
28		MR. SACHIN VARKED	Male	36				INCHARG		22-11-22	Fit For Job				
29		MR. SAGAR KOLEKAR	Male	30				WORKER		22-11-22	Fit For Job				
30		MR. SANDEEP PATIL	Male	37				OFFICER		22-11-22	Fit For Job				
31		MR. SANJAY MHATRE	Male	46				SUPERVISOR		22-11-22	Fit For Job				
32		MR. SATISH JADHAV	Male	28				CHEMIST		22-11-22	Fit For Job				
33		MR. SHANTARAM GHARE	Male	46				MANAGER		22-11-22	Fit For Job				

डॉ. अनिता सं. तारळेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे ठाणे जिल्हाकारिता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
शल्य विकीत्सक क्र.ACS31AT/2016

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

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From: \_\_\_\_\_ To \_\_\_\_\_

Sr No	Employee No	Name of Worker	Sex	Age	Date Of Employment Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of Job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
34		MR. SUNIL YADAV	Male	32				ELECTRICIAN / FITLER		22-11-22	Fit For Job				
35		MR. SURENDRA VISHAKARMA	Male	24				WORKER		22-11-22	Fit For Job				
36		MR. SURESH GHARE	Male	52				MANAGER PARTNER		22-11-22	Fit For Job				
37		MR. SURESH JADHAV	Male	49				INCHARG		22-11-22	Fit For Job				
38		MR. SWAPNIL PATIL	Male	38				INCHARG		22-11-22	Fit For Job				
39		MR. UMESH DADHE	Male	32				OPERATOR		22-11-22	Fit For Job				
40		MR. VAIBHAV JADHAV	Male	35				OFFICER		22-11-22	Fit For Job				
41		MR. VENKATESH NAYAK	Male	33				WORKER		22-11-22	Fit For Job				
42		MR. VIKAS JADHAV	Male	32				CHEMIST		22-11-22	Fit For Job				
43		MR. VIKRAM CHALKE	Male	34				OPERATOR		22-11-22	Fit For Job				
44		MR. VISHAL SAWANT	Male	26				CHEMIST		22-11-22	Fit For Job				

डॉ. अनिता सं. तारलेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे ठाणे जिल्हापरिषदा ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
शल्य चिकीत्सक ऊ.ACS31 AT/2016

**ANNEXURE-10**  
**CHWSTDF MEMBERSHIP**  
**CERTIFICATE**





**Mumbai Waste Management Ltd.**  
Plot No. P-32, MIDC Taloja, Dist. Raigad  
Tal. Panvel Maharashtra 410 208. India  
Tel: 022 27401468 to 72, 3926 3926 (30 lines)  
Fax: 022 27401474 / 39263939  
Email : mwml@ramky.com

**Dt. 22.01.13**

**M/s. V & V Pharma Industries.**  
Plot No. N-48, Additional Ambernath MIDC  
Ambernath, Dist.: Thane  
Tel No.022-25368261  
E-mail: vvpharma@eth.net

**Kind Attn: Mr. V. S. Ghare - Partner.**

**Sub: Membership of CHW – TSDF at Taloja**

Dear Sir,

We thank you for enrolment & welcome you as **MEMBER** of Mumbai Waste Management Ltd for utilizing our Common Hazardous Waste Treatment Storage Disposal facility, to dispose your Hazardous Waste safely & securely.

Your MWML Membership No. is **MWML- HzW – STR – 3418**

Minimum Monthly Commitment Charges @ Rs. 750/- (Plus Service Tax extra as applicable) per month is to be paid by 5<sup>th</sup> of every month.

This membership is valid now but subject to termination, in the event Haz Waste generation details viz., Types of Waste, Generation Quantity, Waste Comprehensive Analysis and Monthly disposal plan, Legal Agreement, Commercial terms are not finalized.

The Membership deposit / Security deposit is adjustable against Waste Disposal Charges Only in event either party decides to terminate this Membership.

We will provide all assistance to enable starting of our Waste Collection & Disposal Operations in this period.

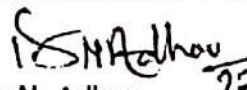
We assure you of our excellent services and seek your co-operation for good business relationship with you.

We once again thank you for your enrolment and in joining forces with us towards maintaining & sustaining our Environment.

Please do contact us for any further information.

Thanking you

Yours truly,  
for **MUMBAI WASTE MANAGEMENT LTD.**

  
Dinkar N. Adhav  
Chief Operation Officer



Corporate Office:  
Ramky Enviro Engineers Ltd.  
Door No. 6-3-1090, 5<sup>th</sup> Floor, Above Standard Chartered Bank,  
750 750

**ANNEXURE-11**  
**NEWSPAPER ADVERTISEMENT**

द.अमृत कलश, सोमवार, दि. ३० मार्च २०१५

## जाहीर निवेदन

आम्ही व्ही अन्ड व्ही फार्मा इंडस्ट्रीज, प्लॉट नं. N/४८, अतिरिक्त, MIDC, आनंदनगर, अंबरनाथ (पूर्व) जाहीर करतो की आमच्या अंबरनाथ प्रकल्पाला मुख्य सचिव, पर्यावरण विभाग, महाराष्ट्र राज्य यांच्या कडून दि. ११ मार्च २०१५ रोजी 'Environment Clearance' प्रमाणपत्र मिळालेले आहे. संबंधीत प्रती महाराष्ट्र राज्य प्रदूषण नियंत्रण मंडळ यांच्या <http://ec.maharashtra.gov.in> या संकेत स्थळावर उपलब्ध आहेत.

इतांच्या रामनवमी सोहळ्यात

बोरिवली के एक बिल्डर की सुपारी दी।

# जाहिर निवेदन

आपको निवेदित किया जाता है की व्ही अन्ड व्ही फार्मा इंडस्ट्रीज, प्लॉट न. एन / 48, अतिरिक्त MIDC , आनंद नगर, अंबरनाथ (पूर्व) जाहीर करते है की, हमारे अंबरनाथ प्रकल्प को मुख्य सचिव, पर्यावरण विभाग, महाराष्ट्र राज्य इनकी तरफ से दि. 11 मार्च 2015 को 'Environment Clearance' प्रमाणपत्र मिल गया है . इससे संबंधित प्रत महाराष्ट्र राज्य प्रदूषण नियंत्रण मंडल इनके <http://ec.maharashtra.gov.in> यह संकेत स्थल पर उपलब्ध है।

जस्सी अशोक बोधा प्रवेश द्वार, इंदिरा गांधी गार्डन के सामने, गोल

**ANNEXURE-12**  
**ENVIRONMENTAL STATEMENT**  
**REPORT (FORM-V)**



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000051025

### Submitted Date

31-10-2022

## PART A

### Company Information

#### Company Name

M/s. V & V Pharma industries

#### Application UAN number

MPCB-CONSENT-0000107101

#### Address

PLOT NO. N - 48 ADDL AMBERNATH  
INDUSTRIAL AREA, TAL AMBERNATH,  
DIST. THANE

#### Plot no

N- 48

#### Taluka

Ambernath

#### Village

JAMBHIVALI

#### Capital Investment (In lakhs)

482.00

#### Scale

S.S.I

#### City

Thane

#### Pincode

421506

#### Person Name

Vishwas S. Ghare

#### Designation

Partners

#### Telephone Number

9637580879

#### Fax Number

0

#### Email

personnel@vandvpharma.com

#### Region

SRO-Kalyan II

#### Industry Category

Red

#### Industry Type

R25 Basic chemicals and electro chemicals and  
its derivatives including manufacturing of acid

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/AS(T)/UAN No.  
0000107101/CO-2103000646

#### Consent Issue Date

10/03/2021

#### Consent Valid Upto

30/11/2025

#### Establishment Year

2011

#### Date of last environment statement submitted

Jun 24 2021 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Aripiprazole

#### Consent Quantity

4.0

#### Actual Quantity

0

#### UOM

Kg/Annum

Bezafibrate

4.0

0

Kg/Annum

Levosulpiride

6.0

0

Kg/Annum

Donepezil

6.0

0

Kg/Annum

Etodolac

4.5

0

Kg/Annum

Flurbiprofen

4.0

0

Kg/Annum

Loxoprofen	4.5	0	Kg/Annum
Leflunomide	4.0	0.636	Kg/Annum
Phloroglucinol	4.5	0	Kg/Annum
Rasagiline HCL	6.0	2300	Kg/Annum
Bromhexine	5.0	0	Kg/Annum
LAE Salts	9.0	5275	Kg/Annum
Mucic Acid	12.0	6000	Kg/Annum
Furandicarboxylates	6.0	0.800	Kg/Annum
Indanones 5,6 - Dimethoxyindano ne 1- Indanone	9.0	8500	Kg/Annum
Phenanthrolines	3.0	2000	Kg/Annum

### By-product Information

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
NA	0	0	MT/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
<b>Cooling</b>	24.0	24.0
<b>Domestic</b>	25.0	25.0
<b>All others</b>	5.0	5.0
<b>Total</b>	0.0	0.0
	54.0	54.0

### 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Domestic	4.0	3.5	CMD
Industrial	18.0	7.5	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Aripiprazole	0	0	Ltr/A
Bezafibrate	0	0	Ltr/A
Levosulpiride	0	0	Ltr/A
Donepezil	0	0	Ltr/A
Etodolac	0	0	Ltr/A
Flurbiprofen	0	0	Ltr/A
Loxoprofen	0	0	Ltr/A
Leflunomide	0	7950	Ltr/A
Phloroglucinol	0	0	Ltr/A
Rasagiline HCL	0	18432	Ltr/A
Bromhexine	0	0	Ltr/A

LAE Salts	0	44521	Ltr/A
Mucic Acid	0	9002	Ltr/A
Furandicarboxylates	0	61391	Ltr/A
Indanones 5,6 - Dimethoxyindanone 1 - Indanone	0	68119	Ltr/A
Phelanthrolines	0	247164	Ltr/A

### **3) Raw Material Consumption (Consumption of raw material per unit of product)**

<b><i>Name of Raw Materials</i></b>	<b><i>During the Previous financial Year</i></b>	<b><i>During the current Financial year</i></b>	<b><i>UOM</i></b>
L Arginine Base	5382	3916	Kg/Annum
Ammonia Solution 25%	11243	7494	Kg/Annum
Mix Solvent ( IPA)	20450	14880	Kg/Annum
Sodium Bicarbonate	7534	6138	Kg/Annum
Ethyl Acetate	15375	11187	Kg/Annum
Vacume Salt	8610	6264	Kg/Annum
Pet Ether	19373	14319	Kg/Annum
Activated Carbone	3148	2700.50	Kg/Annum
Sodium Sulphate	1789	1956	Kg/Annum
Veratrol	0	6750	Kg/Annum
3 Chloropropionyl Chloride	0	6550	Kg/Annum
Aluminum Chloride	10452	16378	Kg/Annum
Sulphuric Acid	89514	61840	Kg/Annum
Hyflow	4900	2756	Kg/Annum
Monochlorobenzene	28236	6951	Kg/Annum
Caustic Soda Flakes	28887	26204	Kg/Annum
HCL	73706	35236	Kg/Annum
Mucic Acid	12550	3090	Kg/Annum
Natric Acid	107907	71922	Kg/Annum
Lactose	35959	23974	Kg/Annum
Lauroyl Chloride	6010	4373	Kg/Annum
3 Phenyl propionyl Chloride	10452	8478	Kg/Annum
Ethylene Diachloride	5571	30769	Kg/Annum
Thionyl Chloride	12558	9137	Kg/Annum
Glycerine	7679	7641	Kg/Annum
Ortho Phenylene Diamine	4020	4000	Kg/Annum
DPT (CAT)	57	56.700	Kg/Annum
Ethyl Acetate	0	1090	Kg/Annum
Hydroxyl amine Hydrochloride	0	623	Kg/Annum
Methylene Chloride	0	4542	Kg/Annum
CAT 160	0	1090	Kg/Annum

### **4) Fuel Consumption**



<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Furnace Oil	500	450	
Diesel	30	25	Ltr/Hr

## Part-C

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

#### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
NA	0	0	0	0	0

#### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged (Mg/NM3) Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
SO2	3.07	20.5	0	10.8	0

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
28.1 Process Residue and wastes	0.20	0.341	MT/A
35.3 Chemical sludge from waste water treatment	1.6	2.593	MT/A
28.6 Spent organic solvents	9.534	8.351	MT/A

#### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	CMD

#### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	CMD

#### 3) Quantity Recycled or Re-utilized within the unit

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	CMD

## Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

### **1) Hazardous Waste**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
28.1 Process Residue and wastes	1.4		0
35.3 Chemical sludge from waste water treatment	8.0		0
28.6 Spent organic solvents	03		0

### **2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
NA	0	CMD	0

## **Part-G**

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
NA	0	0	0	0	0	0

## **Part-H**

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.  
[A] Investment made during the period of Environmental Statement

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Bio Mass & Tree Plantation	Bio Mass & Tree Plantation	8

[B] Investment Proposed for next Year

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
RO & MEE	RO & MEE	50

## **Part-I**

Any other particulars for improving the quality of the environment.

### Particulars

NA

### Name & Designation

VISHWAS S. GHARE & Partner

### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000051025

### Submitted On:

31-10-2022

# **MONITORING REPORTS**



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1204	Issue Date	17/01/2023
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambernath, Dist-Thane.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	09/01/2023	Sampling duration	1440 Min
Sampling Location	Near R&D Shed	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	28°C	Wet bulb temperature	24°C
Relative Humidity	61% RH	Sampling done by	Eurofine Enviro Lab Pvt. Ltd.
Start Date of Analysis	10/01/2023	End Date of Analysis	17/01/2023

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	15.3	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	20.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	46.8	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	28.1	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.3	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	<20	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	<5	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

**Remark-** All above results are within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1205	Issue Date	17/01/2023
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambernath, Dist-Thane.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	09/01/2023	Sampling duration	1440 Min
Sampling Location	Near ETP	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	28°C	Wet bulb temperature	24°C
Relative Humidity	61% RH	Sampling done by	Eurofine Enviro Lab Pvt. Ltd.
Start Date of Analysis	10/01/2023	End Date of Analysis	17/01/2023

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	13.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	18.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	46.7	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	24.1	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.3	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	<20	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	<5	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

Remark- All above results are within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1206	Issue Date	17/01/2023		
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambarnath, Dist-Thane.				
Sample Name	Source Emission	Sample Description	Stack Material : MS		
Date of Sampling	09/01/2023		Stack Height : 35 M		
Sampling Location	Boiler		Stack Type : Round		
Sampling done by	Eurofine Enviro Lab Pvt. Ltd.	Sampling duration	30 Min		
Sample Quantity	--	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	10/01/2023	End Date of Analysis	17/01/2023		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	416	K		---
2	Differential Pressure	4.2	mm WG		
3	Velocity	7.93	M/s		
4	Dimensions of Stack	0.45	Mtr.		
5	Stack Area	0.158	M <sup>2</sup>		
6	Gas Volume	3253.99	Nm <sup>3</sup> /Hr		
7	Particulate Matter	72.3	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	20.3	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide (SO <sub>2</sub> )	1.58	Kg/day	N.S	
10	Nitrogen Oxide	14.6	Mg/Nm <sup>3</sup>	--	
<b>Remark(s):</b> ➤ All above results are well within MPCB					



  
Authorized Signatory  
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(Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1207	Issue Date	17/01/2023
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambernath, Dist-Thane.		
Sample Name	Waste Water	Sample Description	ETP Outlet
Date of Sampling	09/01/2023	Sampling duration	--
Sampling Location	--	Sampling Procedure	APHA 1060
Sampling done by	Eurofine Enviro Lab Pvt. Ltd.	Sample Quantity	2 L
Start Date of Analysis	10/01/2023	End Date of Analysis	17/01/2023

### Results

Sr. No.	Parameters	Results	Unit(s)	MPCB Limit	Methods
1	pH	7.46	--	5.5-9.0	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
2	Total Suspended Solids TSS	21.0	mg/L	100	APHA 2540 D, 23 <sup>rd</sup> Ed. 2017
3	Total Dissolved Solids TDS	1334.0	mg/L	2100	APHA 2540 C, 23 <sup>rd</sup> Ed. 2017
4	Biochemical Oxygen Demand BOD at 27°C for 3 days	21.0	mg/L	30	IS 3025 (Part 44)
5	Chemical Oxygen Demand COD	64.2	mg/L	250	IS 3025 (Part 58)
6	Oil & Grease	<5.0	mg/L	10	APHA 5520 B, 23 <sup>rd</sup> Ed. 2017
7	Chloride (as Cl)	154.7	mg/L	600	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
8	Sulphate (as SO <sub>4</sub> )	48.6	mg/L	1000	IS 3025 (Part 24)

Remark-All Parameters are within MPCB Limits.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)



## TEST REPORT

Report No:	EHSM/2023/Jan/R-1208	Issue Date	17/01/2023
Name and Address of Customer	M/s. V & V Pharma Industries, Plot No-48, Additional MIDC, Ambernath, Dist-Thane.		
Sample Name	Noise	Sample Description	Ambient Noise
Date of Sampling	09/01/2023	Sampling duration	--
Sampling done by	Eurofine Enviro Lab Pvt. Ltd.		

### Results

Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near ETP	65.3	59.8	75/70	CPCB Guideline
2.	Near R & D Shed	61.6	56.1	75/70	

**Remark-**

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)





## TEST REPORT

<b>Report No:</b>	<b>EHSM/2023/Jan/R-1209</b>	<b>Issue Date</b>	<b>17/01/2023</b>
<b>Name and Address of Customer</b>	<b>M/s. V &amp; V Pharma Industries, Plot No-48, Additional MIDC, Ambernath, Dist-Thane.</b>		
<b>Sample Name</b>	Source Emission	<b>Sample Description</b>	Stack Material : MS
<b>Date of Sampling</b>	09/01/2023		Stack Height : 3.0 M
<b>Sampling Location</b>	DG SET -240 KVA		Stack Type : Round
<b>Sampling done by</b>	Eurofine Enviro Lab Pvt. Ltd.	<b>Sampling duration</b>	30 Min
<b>Sample Quantity</b>	--	<b>Sampling Procedure</b>	CPCB Guideline on methodologies for source emission monitoring
<b>Start Date of Analysis</b>	10/01/2023	<b>End Date of Analysis</b>	17/01/2023

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	392	K		---
2	Differential Pressure	4.0	mm WG		
3	Velocity	7.51	M/s		
4	Dimensions of Stack	0.1016	Mtr.		
5	Stack Area	0.0081	M <sup>2</sup>		
6	Gas Volume	166.75	Nm <sup>3</sup> /Hr		
7	Particulate Matter	46.3	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	41.3	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.16	Kg/day	N.S	
10	Nitrogen Oxide	18.9	Mg/Nm <sup>3</sup>	--	

#### Remark(s):

- All above results are well within MPCB



  
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