

Ref No. MPCB/008/2024

Date: 30.11.2024

To,

**Additional Principal Chief Conservator of Forests,  
Ministry of Environment, Forest & Climate Change,  
Regional Office (West Central Zone)**

**Ground Floor, East Wing**

**"New Secretary Building"**

**Civil lines, Nagpur- 440 001**

**Subject: Half Yearly Environment Clearance Compliance Report for the  
Period of APRIL-2024 TO SEPTEMBER-2024.**

**Ref: Environment clearance Letter No. - SEAC-2511/CR-741/TC2 Dated: 12<sup>th</sup>  
May 2014**

Dear Sir,

With reference to subject matter as mentioned above, please find the attached half yearly post environment clearance compliance report along with Half Yearly monitoring reports for the period of **April-2024 to September-2024.**

Kindly acknowledge the receipt

Thanking you

**Yours faithfully,**

**For Emcure Pharmaceuticals Ltd.**



**Authorized Signatory**

Enc: A/a

CC: 1. The Member Secretary, MPCB, Mumbai.

2. The Regional officer MPCB Wakdewadi Shivajinagar, Pune.

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**Emcure Pharmaceuticals Limited**

Plot Nos.: 12/1 & 2, F-II Block, M.I.D.C., Pimpri, Pune-411018, Maharashtra, India.

Phone No.: + 91 020-35270000

**Registered Office:** Plot No. P-1 & P-2, IT-BT Park, Phase-II, M.I.D.C., Hinjawadi, Pune - 411057, Maharashtra, India

**Phone Nos.:** +91 20 – 35070033/ 35070000 / 40240000 **Fax No.:** +91 20 3507 0027

**E-mail:** corporate@emcure.com **Website:** www.emcure.com **CIN:** L24231PN1981PLC024251

# **Half Yearly Post Environment Clearance Compliance Report.**

**For**

**EMCURE PHARMACEUTICALS  
LIMITED**

**PLOT NO-12/1 & 2, F-II  
BLOCK, MIDC PIMPRI,  
PUNE-411018**

**FOR THE PERIOD OF APRIL  
2024 TO SEPTEMBER 2024**

**EMCURE PHARMACEUTICALS LIMITED,  
PLOT NO 12/1 & 2, F – II BLOCK, MIDC PUIMPRI, PUNE.  
COMPLIANCE OF ENVIRONMENTAL CLEARANCE TERMS AND CONDITIONS.**

## Emcure

PIMPRI-PUNE.

Sr. No	Terms and Conditions	Compliance status
i)	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	We will not use/ acquire additional land.
ii)	For controlling fugitive natural dust, regular sprinkling of water and wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Yes
iii)	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Yes
iv)	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 record shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board and submit report accordingly to MPCB.	Environmental monitoring done on quarterly basis including, ambient air, stacks, process stack, ambient noise. Last done on 10.09.2024 Monitoring report is attached in <b>Annexure I</b> .
v)	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	Not Applicable
vi)	Proper housekeeping program's shall be implemented	Yes
vii)	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.	Yes
viii)	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.	Yes
ix)	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Yes
x)	Arrangement shall be made that effluent and storm water does not get mixed.	Yes, we made separate line for storm water and Effluent.
xi)	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.	We are not having bore well
xii)	Leg 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.	PPEs like Ear plug, Ear Muff provided.

<b>Sr. No</b>	<b>Terms and Conditions</b>	<b>Compliance status</b>
xiii)	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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Yes, Noise Level Monitoring done, last monitoring done on 10.09.2024, monitoring reports attached in <b>Annexure II.</b>
xiv)	Green belt shall be developed and 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.	Green Belt area: 2752 sq. M. The list of Trees attached in <b>Annexure III.</b>
xv)	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.	Yes, we have provided Fire Alarm system, Sprinkler system and Fire hydrant system. Photographs attached in <b>Annexure IV.</b>
xvi)	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Pre-employment medical examination carried out at time of new employee joining and post-employment medical examination carried out on six monthly basis.
xvii)	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	We have provided Fire Alarm system, Fire extinguishers, Sprinkler system and Fire hydrant system. Proper earthing & bonding provided to equipment's. Provided self-contained breathing apparatus, breathing airline respirator, fire suit, emergency plan, antistatic wrist band, safety cans etc.
xviii)	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the hazardous waste (Management and Handling) Rules, 2003 (Amended). Authorization from MPCB shall be obtained for collection/treatment/storage/disposal of hazardous wastes.	We are having MPCB Consent No. RED/L.S.I (R58) No:- Format1.0/CC/UAN No. MPCBConsent-0000156815/CR/2306000127 dated 01.06.2023 valid up to 31.12.2026 Refer Annexure V.

Sr. No	Terms and Conditions	Compliance status
xix)	<p>The company shall undertake following Waste Minimization Measures:</p> <ul style="list-style-type: none"><li>• Metering of quantities of active ingredients to minimize waste.</li><li>• Reuse of by products from the process as raw material or as raw material substitutes in the other process.</li><li>• Minimizing Recoveries</li><li>• Use of automated material transfer system to minimize spillage.</li></ul>	Yes
xx)	Regular Mock drills for the onsite emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on site management plan shall be ensured.	We have conducted the Mock drill on 26.09.2024 The mock drill report is attached in <b>Annexure VI.</b>
xxi)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	The company appointed Two Officer for Environment, health and Safety department.
xxii)	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Yes
xxiii)	Separate silos will be provided for collecting and storing bottom ash and fly ash	Yes
xxiv)	Separate fund shall be allocated for implementation of environmental protection measures/ EMP along with item wise break 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 and this department	Environment management plan attached in <b>Annexure VII.</b>
xxv)	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 the 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://cc.maharashtra.gov.in">http://cc.maharashtra.gov.in</a>	Advertise published on 2 <sup>nd</sup> June 2014 of Pudhari (Marathi paper) and DNA (English paper). Attached in <b>Annexure VIII.</b>
xxvi)	Project Management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard copy and soft copies to the MPCB and this department, on 1 <sup>st</sup> June and 1 <sup>st</sup> December	Half yearly compliance report submitted by mail on 10.06.2024 & uploaded on portal on 09.08.2024.

<b>Sr. No</b>	<b>Terms and Conditions</b>	<b>Compliance status</b>
xxvii)	A copy of Clearance letter shall be send 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.	Yes
xxviii)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitoring data on the website and shall update the same periodically. It shall simultaneously be send 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 sartorial 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.	Yes
xxix)	Six monthly monitoring reports should be submitted to the regional office MoEF, Bhopal with copy to this department and MPCB.	Last report submitted on 10.06.2024 by email & uploaded on portal on 09.08.2024.
xxx)	A complete set of all the documents submitted to department should be forwarded to the local Authority and MPCB.	Yes
xxxi)	The Environmental Clearance is being issued without prejudice to the 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 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.	Yes

**FOR THE PERIOD OF APRIL 2024 TO SEPTEMBER 2024**

**Part – I**

**Data Sheet**

<b>1</b>	<b>Project type:</b> River- Valley/Mining/Industry/Thermal/Nuclear/ Other (specify).	Industry
<b>2</b>	Name of the project	<b>Emcure Pharmaceuticals Limited,</b>
<b>3</b>	Clearance letter (s)/OM No. and date	SEAC-2511/CR-741/TC2 dated 12 <sup>th</sup> May 2014
<b>4</b>	Location: a) District (s) b) State (s) c) Location Latitude/Longitude	<b>MIDC- Pimpri,</b> Pune Maharashtra Latitude: 18o38'56.28"N Longitude: 73o49'28.53"E
<b>5</b>	Address for correspondence  Address of the Concerned Project Chief Engineer (with Pin Code & telephone/telex/fax numbers)	<b>Name :</b> Mr. Sachin Nemade <b>Address :</b> M/s, Emcure Pharmaceuticals Limited, Plot No. 12/1 & 2, F- II Block, MIDC, Pimpri, Pune-411018 <b>Telephone N.</b> -020-35270000
<b>6</b>	Salient features	
	a) Of the project	<ul style="list-style-type: none"> <li>Emcure Pharmaceuticals Ltd., today rapidly grown into a set of world class manufacturing facilities and one of the top Indian pharmaceutical corporate in the domestic industry.</li> <li>Company headquarter is situated in Pune, Pimpri is One of the unit of Emcure Pharmaceuticals Ltd.</li> <li>MIDC has well developed infrastructure facilities like Road, Water &amp; Drainage network.</li> <li>Chinchwad Railway Station is 5 Km &amp; Pune airport is about 23 Km away from the project site.</li> </ul>
	b) Of the Environmental management plans	Attached in <b>Annexure VII</b>
<b>7</b>	Break up of the project area	Expansion of API and Intermediates Existing Capacity – 0.2 MT/month Proposed capacity- 1.8 MT/Month

		(Total Capacity after expansion – 2.0 MT/Month)
	a) Submergence area: forest and non- Forest	NA
	b) Others	NA
<b>8</b>	c) Break up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units only agricultural land only Both dwelling units & agricultural land & landless laborers/artisans:	NA
	a) SC, ST/Adivasi	NA
	b) Others	NA
<b>9</b>	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	84.71 Cr
	b) Allocation made for environmental management plans with item wise and year wise and break-up	Attached in <b>Annexure VII</b>
	c) Benefit cost ratio/Internal rate of Return and the year of assessment	NA
	d) Whether © includes the cost of environmental management as shown in the above	NO
	e) Actual expenditure incurred on the project so far	84.71 Cr
<b>10</b>	Forest land requirement	NA
	a) The status of approvals for diversion of forest land for non-forestry use.	NA



	b) The status of clearing felling	NA
	c) The status of compensatory afforestation, if any	NA
	d) Comments on the viability & Sustainability of compensatory afforestation programme in the light of actual field experience so far.	NA
<b>11</b>	The status of clear felling in non-forest areas (Such as submergence area or reservoir, approach Roads.), if any with Quantitative information required.	NA
<b>12</b>	Status of construction (Actual &/or planned)	Completed
	a) Date of commencement ( Actual &/or planned)	NA
	b) Date of completion (Actual &/or planned)	NA
<b>13</b>	Reason for the delay if the project is yet to start.	NA

**List of Annexure**

<b>Sr. No</b>	<b>Details</b>	<b>Annexure No</b>
1	Environmental Monitoring reports	Annexure I
2	Noise Monitoring reports	Annexure II
3	List of trees and photographs	Annexure III
4	Photographs of fire alarm system, sprinkler system, fire extinguishers, fire suit, fire hydrant, fire hydrant system, MCP, Hooter, earthing and bonding, SCBA, Breathing airline respirator, emergency evacuation plan etc.	Annexure IV
5	Consent copy	Annexure V
6	Mock drill report	Annexure VI
7	Environmental Management Plan	Annexure VII
8	Advertise in local newspaper	Annexure VIII
9	Environmental Clearance letter	Annexure IX
10	Environmental Management Plan with year wise break up	Annexure X



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## PRIVATE LIMITED

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### TEST REPORT

Report No:	EHSM/2024/Sep/R-101	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/09/2024	Sampling duration	1440 Min
Start Date of Analysis	12/09/2024	End Date of Analysis	17/09/2024
Sampling Location	Near Main Gate	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	28°C	Wet bulb temperature	23°C
Relative Humidity	66 %	Time of Sampling	12:00
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Parameters	Results	Unit(s)	NAAQ Standards	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	21.35	µg/m <sup>3</sup>	≤ 80	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>2</sub> )	29.17	µg/m <sup>3</sup>	≤ 80	IS 5182(Part6):2006
3	Particulate Matter PM <sub>10</sub>	53.76	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	18.95	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.42	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	19.48	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> )	BDL	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	IS 5182(Part11):2004

#### Remark-

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

Reviewed by  
mmf  
15.10.24



Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

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#### CERTIFICATIONS

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018



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### TEST REPORT

Report No:	EHSM/2024/Sep/R-102	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/09/2024	Sampling duration	1440 Min
Start Date of Analysis	12/09/2024	End Date of Analysis	17/09/2024
Sampling Location	Near ETP	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	28°C	Wet bulb temperature	23°C
Relative Humidity	66 %	Time of Sampling	12:10
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Parameters	Results	Unit(s)	NAAQ Standards	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	20.76	µg/m <sup>3</sup>	≤ 80	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>2</sub> )	31.45	µg/m <sup>3</sup>	≤ 80	IS 5182(Part6):2006
3	Particulate Matter PM <sub>10</sub>	53.97	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	18.24	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.52	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	19.55	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> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene (BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	IS 5182(Part11):2004
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.

Reviewed by  
*mm*  
15.10.24



*Raj*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2024/Sep/R-103	Issue Date	18/09/2024		
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018				
Sample Name	Air	Sample Description	Work zone Air		
Date of Sampling	10/09/2024	Sampling duration	15 Min		
Start Date of Analysis	12/09/2024	End Date of Analysis	17/09/2024		
Sampling Location	BL-1 Intermediate Area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I		
Dry bulb temperature	23°C	Wet bulb temperature	20°C		
Relative Humidity	75 %	Time of Sampling	16:10		
Sampling Collected by	Envicon Consultants				
Results					
Sr. No.	Parameters	Results	Unit(s)	Factory Act 1948, Standard	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	07.19	µg/m <sup>3</sup>	≤ 5000	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>2</sub> )	05.43	µg/m <sup>3</sup>	≤ 6000	IS 5182(Part6):2006
3	Particulate Matter (PM)	10.96	mg/M <sup>3</sup>	NS	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Remark-					
➤ All above results are well within The Factories Act, 1948 Standards.					
➤ NS- Not Specified.					



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Reviewed by  
  
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ISO 14001 : 2015  
ISO 45001 : 2018





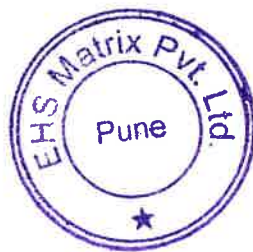
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### TEST REPORT

Report No:	EHSM/2024/Sep/R-104	Issue Date	18/09/2024		
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018				
Sample Name	Air	Sample Description	Work zone Air		
Date of Sampling	10/09/2024	Sampling duration	15 Min		
Start Date of Analysis	12/09/2024	End Date of Analysis	17/09/2024		
Sampling Location	BL-2 Intermediate Area Ground Floor	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I		
Dry bulb temperature	23 <sup>o</sup> C	Wet bulb temperature	20 <sup>o</sup> C		
Relative Humidity	75 %	Time of Sampling	16:50		
Sampling Collected by	Envicon Consultants				
Results					
Sr. No.	Parameters	Results	Unit(s)	Factory Act 1948, Standard	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	06.73	µg/m <sup>3</sup>	≤ 5000	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>2</sub> )	04.15	µg/m <sup>3</sup>	≤ 6000	IS 5182(Part6):2006
3	Particulate Matter (PM)	11.39	mg/M <sup>3</sup>	NS	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Remark-					
➤ All above results are well within The Factories Act, 1948 Standards.					
➤ NS- Not Specified.					



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Reviewed by  
  
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### TEST REPORT

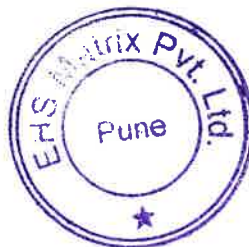
Report No:	EHSM/2024/Sep/R-105	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Air	Sample Description	Work zone Air
Date of Sampling	11/09/2024	Sampling duration	15 Min
Start Date of Analysis	12/09/2024	End Date of Analysis	17/09/2024
Sampling Location	QC Instrument Room No-3	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	23°C	Wet bulb temperature	20°C
Relative Humidity	75 %	Time of Sampling	11:30
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Parameters	Results	Unit(s)	Factory Act 1948, Standard	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	06.41	µg/m <sup>3</sup>	≤ 5000	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>2</sub> )	08.92	µg/m <sup>3</sup>	≤ 6000	IS 5182(Part6):2006
3	Particulate Matter (PM)	07.61	mg/M <sup>3</sup>	NS	CPCB Guideline for measurement of Ambient Air pollutants Volume I


#### Remark-

- All above results are well within The Factories Act, 1948 Standards.
- NS- Not Specified.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Reviewed by

  
15.10.24

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



# EHS MATRIX

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### TEST REPORT

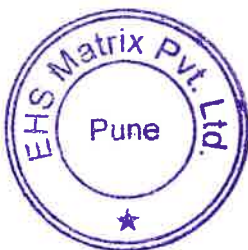
Report No:	EHSM/2024/Sep/R-106	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Air	Sample Description	Work zone Air
Date of Sampling	11/09/2024	Sampling duration	15 Min
Start Date of Analysis	12/09/2024	End Date of Analysis	17/09/2024
Sampling Location	BL-2 Intermediate Area 1 <sup>st</sup> Floor	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	23°C	Wet bulb temperature	20°C
Relative Humidity	75 %	Time of Sampling	14:10
Sampling Collected by	Envicon Consultants		

### Results


Sr. No.	Parameters	Results	Unit(s)	Factory Act 1948, Standard	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	05.97	µg/m <sup>3</sup>	≤ 5000	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>2</sub> )	04.28	µg/m <sup>3</sup>	≤ 6000	IS 5182(Part6):2006
3	Particulate Matter (PM)	12.06	mg/M <sup>3</sup>	NS	CPCB Guideline for measurement of Ambient Air pollutants Volume I

#### Remark-

- All above results are well within The Factories Act, 1948 Standards.
- NS- Not Specified.



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Reviewed by  
  
15.10.24

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





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### TEST REPORT

Report No:	EHSM/2024/Sep/R-107	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Source Emission	Sample Description	Stack Material: MS Stack Height: 3.0 mtr Stack Type: Round
Date of Sampling	11/09/2024		
Start Date of Analysis	12/09/2024		
End Date of Analysis	17/09/2024	Sampling Location	(S2) D.G Set-500 KVA (D.G-202)
Time of Sampling	12:10	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per MPCB	Methods
1	Flue Gas Temperature	558	K	--	--
2	Differential Pressure	6.1	mm WG		
3	Velocity	11.08	M/s		
4	Dimensions of Stack	0.200	Mtr.		
5	Stack Area	0.0314	M <sup>2</sup>		
6	Gas Volume	668.89	Nm <sup>3</sup> /Hr		
7	Particulate Matter	44.73	mg/Nm <sup>3</sup>	≤50	CPCB Guideline for measurement of Ambient Air pollutants Volume I
8	Sulphur Dioxide (SO <sub>2</sub> )	42.15	mg/Nm <sup>3</sup>	NS	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.67	kg/day	<3.52	
10	Carbon Monoxide	0.871	%	NS	
11	Hydrogen	BDL	ppm	NS	
12	Oxides of Nitrogen	5.20	mg/Nm <sup>3</sup>	NS	IS 11255 (Part 7):2005

#### Remark-

- All above results are within MPCB Limit.
- NS: Not specified as per MPCB Consent.

Reviewed by

*mmj*  
15.10.24



*RJP*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHS/2024/Sep/R-108	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Source Emission	Sample Description	Stack Material: MS Stack Height: 4.5 mtr Stack Type: Round
Date of Sampling	11/09/2024		
Start Date of Analysis	12/09/2024		
End Date of Analysis	17/09/2024	Sampling Location	(S2) D.G Set-1010 KVA (D.G-204)
Time of Sampling	12:10	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Sampling Collected by	Envicon Consultants		

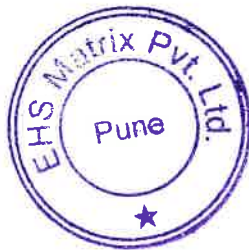
### Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per MPCB	Methods
1	Flue Gas Temperature	695	K	--	--
2	Differential Pressure	7.2	mm WG		
3	Velocity	13.43	M/s		
4	Dimensions of Stack	0.35	Mtr.		
5	Stack Area	0.0962	M <sup>2</sup>		
6	Gas Volume	1994.27	Nm <sup>3</sup> /Hr		
7	Particulate Matter	47.16	mg/Nm <sup>3</sup>	≤50	CPCB Guideline for measurement of Ambient Air pollutants Volume I
8	Sulphur Dioxide (SO <sub>2</sub> )	41.83	mg/Nm <sup>3</sup>	NS	
9	Sulphur Dioxide (SO <sub>2</sub> )	2.00	kg/day	<3.52	
10	Carbon Monoxide	0.974	%	NS	
11	Hydrogen	BDL	ppm	NS	
12	Oxides of Nitrogen	4.3	mg/Nm <sup>3</sup>	NS	IS 11255 (Part 7):2005

#### Remark-

- All above results are within MPCB Limit.
- **NS:** Not specified as per MPCB Consent

Reviewed by  
mmf  
15.10.24



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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ISO 14001 : 2015

ISO 45001 : 2018



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### TEST REPORT

Report No:	EHSM/2024/Sep/R-109	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Source Emission	Sample Description	Stack Material: MS Stack Height: 30 mtr Stack Type: Round
Date of Sampling	11/09/2024		
Start Date of Analysis	12/09/2024		
End Date of Analysis	17/09/2024	Sampling Location	(S1) Boiler-1(1.5 Ton)
Time of Sampling	12:50	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Sampling Collected by	Envicon Consultants		

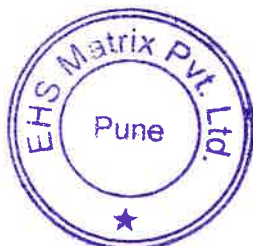
### Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per MPCB	Methods
1	Flue Gas Temperature	461	K	--	--
2	Differential Pressure	6.4	mm WG		
3	Velocity	10.31	M/s		
4	Dimensions of Stack	0.73	Mtr.		
5	Stack Area	0.4183	M <sup>2</sup>		
6	Gas Volume	10036.08	Nm <sup>3</sup> /Hr		
7	Particulate Matter	38.97	mg/Nm <sup>3</sup>	≤50	CPCB Guideline for measurement of Ambient Air pollutants Volume I
8	Sulphur Dioxide (SO <sub>2</sub> )	45.21	mg/Nm <sup>3</sup>	NS	
9	Sulphur Dioxide (SO <sub>2</sub> )	10.89	kg/day	≤168	
10	Carbon Monoxide	0.896	%	NS	
11	Carbon Dioxide	2.81	%	NS	
12	Hydrogen	BDL	ppm	NS	
13	Oxides of Nitrogen	4.7	mg/Nm <sup>3</sup>	NS	IS 11255 (Part 7):2005

#### Remark-

- All above results are within MPCB Limit.
- NS: Not specified as per MPCB Consent

Reviewed by  
mm  
15.10.24



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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ISO 14001 : 2015

ISO 45001 : 2018





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### TEST REPORT

Report No:	EHSM/2024/Sep/R-110	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Source Emission	Sample Description	Stack Material: MS Stack Height: 30 mtr Stack Type: Round
Date of Sampling	11/09/2024		
Start Date of Analysis	12/09/2024		
End Date of Analysis	17/09/2024	Sampling Location	(S1) Boiler-2 (0.6 Ton)
Time of Sampling	13:30	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Sampling Collected by	Envicon Consultants		

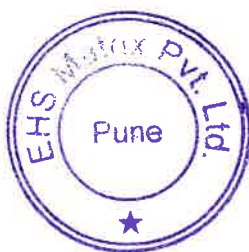
### Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per MPCB	Methods
1	Flue Gas Temperature	386	K	--	--
2	Differential Pressure	5.8	mm WG		
3	Velocity	8.98	M/s		
4	Dimensions of Stack	0.73	Mtr.		
5	Stack Area	0.4183	M <sup>2</sup>		
6	Gas Volume	10439.88	Nm <sup>3</sup> /Hr		
7	Particulate Matter	40.12	mg/Nm <sup>3</sup>	≤50	CPCB Guideline for measurement of Ambient Air pollutants Volume I
8	Sulphur Dioxide (SO <sub>2</sub> )	31.95	mg/Nm <sup>3</sup>	NS	
9	Sulphur Dioxide (SO <sub>2</sub> )	8.00	kg/day	≤15.55	
10	Carbon Monoxide	0.685	%	NS	
11	Carbon Dioxide	3.94	%	NS	
12	Hydrogen	BDL	ppm	NS	
13	Oxides of Nitrogen	4.1	mg/Nm <sup>3</sup>	NS	IS 11255 (Part 7):2005

#### Remark-

- All above results are within MPCB Limit.
- NS: Not specified as per MPCB Consent

Reviewed by  
mmj  
15.10.24



Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2024/Sep/R-111	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Source Emission	Sample Description	Stack Material: MS Stack Height: 5.0 mtr Stack Type: Round
Date of Sampling	10/09/2024		
Start Date of Analysis	12/09/2024		
End Date of Analysis	17/09/2024	Sampling Location	(S4) Scrubber outlet (Block-2 Terrace) (SCB-201)
Time of Sampling	15:30	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per MPCB	Methods
1	Flue Gas Temperature	350	K	--	--
2	Differential Pressure	5.6	mm WG		
3	Velocity	8.40	M/s		
4	Dimensions of Stack	0.75	Mtr.		
5	Stack Area	0.4416	M <sup>2</sup>		
6	Gas Volume	11369.96	Nm <sup>3</sup> /Hr		
7	Particulate Matter (PM)	28.31	mg/Nm <sup>3</sup>	NS	CPCB Guideline for measurement of Ambient Air pollutants Volume I
8	Acid Mist	4.72	mg/Nm <sup>3</sup>	<35	

#### Remark-

- All above results are within MPCB Limit.
- NS: Not specified as per MPCB Consent

Reviewed by  
rms  
15.10.24



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2024/Sep/R-113	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Source Emission	Sample Description	Stack Material: MS
Date of Sampling	10/09/2024		Stack Height: 5.0 mtr
Start Date of Analysis	12/09/2024		Stack Type: Round
End Date of Analysis	17/09/2024	Sampling Location	(S6) Scrubber outlet (Block-4 Terrace) (SC-401)
Time of Sampling	14:10	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per MPCB	Methods
1	Flue Gas Temperature	321	K	--	--
2	Differential Pressure	4.6	mm WG		
3	Velocity	7.29	M/s		
4	Dimensions of Stack	0.20	Mtr.		
5	Stack Area	0.0314	M <sup>2</sup>		
6	Gas Volume	765.01	Nm <sup>3</sup> /Hr		
7	Particulate Matter(PM)	28.65	mg/Nm <sup>3</sup>	NS	CPCB Guideline for measurement of Ambient Air pollutants Volume I
8	Acid Mist	2.91	mg/Nm <sup>3</sup>	<35	

#### Remark-

- All above results are within MPCB Limit.
- **NS:** Not specified as per MPCB Consent

Reviewed by  
mm/s  
15.10.24



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

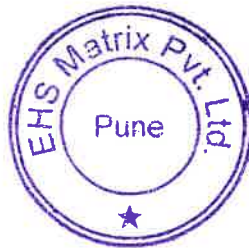
Report No:	EHSM/2024/Sep/R-112	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Source Emission	Sample Description	Stack Material: MS Stack Height: 10.0 mtr Stack Type: Round
Date of Sampling	10/09/2024		
Start Date of Analysis	12/09/2024		
End Date of Analysis	17/09/2024	Sampling Location	(S5) Scrubber SCB-502 (Block-1)
Time of Sampling	12:50	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per MPCB	Methods
1	Flue Gas Temperature	332	K	--	--
2	Differential Pressure	5.1	mm WG		
3	Velocity	7.81	M/s		
4	Dimensions of Stack	0.75	Mtr.		
5	Stack Area	0.4416	M <sup>2</sup>		
6	Gas Volume	11144.50	Nm <sup>3</sup> /Hr		
7	Particulate Matter (PM)	30.82	mg/Nm <sup>3</sup>	NS	CPCB Guideline for measurement of Ambient Air pollutants Volume I
8	Acid Mist	3.15	mg/Nm <sup>3</sup>	<35	

#### Remark-

- All above results are within MPCB Limit.
- NS: Not specified as per MPCB Consent



Reviewed by  
mm  
15.10.24

  
Authorized Signatory  
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Baugh, Sinhgad Road, Pune - 411051.  
☎ +91 20 2435 6133  
☎ +91 90961 85285 / +91 91585 60571

📍 Branch Office Address :  
1151, E-ward, Saroj Sankul, Flat No. B-204,  
Near Swayamsiddha Trust Building,  
Sykes Extension, Kolhapur - 415116  
☎ +91 98343 07334 / +91 90961 85285

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





# EHS MATRIX

## PRIVATE LIMITED

📍 Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.

☎ +91 91585 60571 / +91 95796 84751 / +91 90961 85285

🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2024/Sep/R-30	Issue Date	11/09/2024
Name and Address of Customer	M/s Emcure Pharmaceuticals Ltd. Plot No. 12/2, F 2 Block, MIDC, Pimpri, Pune – 411 018		
Sample Name	Effluent water	Sample Description	ETP Outlet
Date of Sampling	03/09/2024	Sampling Procedure	APHA 1060
Sampling Location	ETP Plant	Sampling Quantity	01 L
Start Date of Analysis	04/09/2024	End Date of Analysis	10/09/2024
Sampling done by	Envicon Consultants		

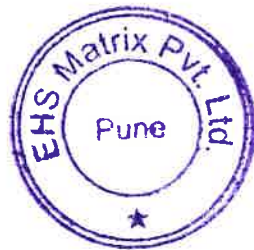
### Results

Sr. No.	Parameters	Results	Unit(s)	MPCB Limits	Methods
1	pH at 25°C	7.47	--	5.5-8.5	APHA 4500 H+ B, 23rd Ed.2017.
2	Chemical Oxygen Demand	59.4	mg/lit.	<250	IS 3025 (Part 58):2017
3	Biological Oxygen Demand @ 27°C for 3 days	22.0	mg/lit.	<30	IS 3025 (Part 44):2019
4	Total Dissolve Solids	319.0	mg/lit.	<2100	APHA-2540-C, 23rd Ed.2017
5	Total Suspended Solids	21.0	mg/lit.	<100	APHA-2540-D, 23rd Ed.2017
6	Oil & Grease	BDL	mg/lit.	<10	APHA -5520-B, 23rd Ed.2017
7	Chloride	35.47	mg/lit.	<600	APHA-4500-Cl- -B, 23rd Ed.2017
8	Sulphate	11.85	mg/lit.	<1000	IS 3025 (Part 24 / Sec 1):2022
9	Phosphate	BDL	mg/lit.	≤5.0	IS 3025 (Part 24 / Sec 1):2022
10	Ammonical Nitrogen as NH <sub>3</sub> -N	<0.07	mg/lit.	NS	APHA 4500-P D, 23rd Ed.2017
11	Bioassay Test	91 % Survival of fish after 24 hours in 100 % effluent		NS	APHA, 24 <sup>th</sup> Edition 2023, 10600

#### Remark-

- All parameters are within the MPCB limit.
- BDL- Below detection Limit.
- NS-Not Specified

Reviewed by  
mmj  
15.10.24



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

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ISO 45001 : 2018





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### TEST REPORT

Report No:	EHSM/2024/Sep/R-119	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	DG Noise (DG Set Insertion loss)	Date of Sampling	10/09/2024
Sampling Collected by	Envicon Consultants		

### DG SET INSERTION LOSS NOISE MONITORING RESULTS


Sr. No.	Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
		North Side	East Side	South Side	West Side		
1	DG Set-500 KVA (DG-202)						
A	Open Canopy	92.3	93.6	94.1	90.4	92.6	27.8
B	Closed Canopy	66.5	63.1	65.4	64.2	64.8	

#### Remark-

- Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss Difference during with and without enclosure of DG.



  
**Authorized Signatory**  
**Mr. Rahul Patil**  
**(Director)**

Reviewed by  
  
15.10.24

#### Register Office Address :

C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.

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#### CERTIFICATIONS

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ISO 14001 : 2015  
ISO 45001 : 2018



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### TEST REPORT

Report No:	EHSM/2024/Sep/R-120	Issue Date	18/09/2024				
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018						
Sample Name	DG Noise (DG Set Insertion loss)	Date of Sampling	10/09/2024				
Sampling Collected by	Envicon Consultants						
DG SET INSERTION LOSS NOISE MONITORING RESULTS							
Sr. No.	Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
		North Side	East Side	South Side	West Side		
1	DG Set-1010 KVA (DG-204)						
A	Open Canopy	90.6	91.7	93.4	91.9	91.9	28.9
B	Closed Canopy	61.2	63.5	62.8	64.6	63.0	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss Difference during with and without enclosure of DG.							



*Rp*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Reviewed by  
*mm*  
15.10.24



# EHS MATRIX

## PRIVATE LIMITED

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### TEST REPORT

Report No:	EHSM/2024/Sep/R-116	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Noise	Sample Description	Ambient Noise
Date of Sampling	10/09/2024	Sampling duration	Spot Time
Sampling Collected by	Envicon Consultants	Sampling Location	Near Main Gate

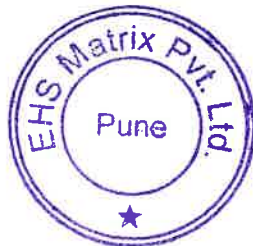
### Results

Sr. No.	Time	Result dB(A) Day	Result dB(A) Night	MPCB Standards dB(A)	Method
1.	06:00	59.1	--	75/70	CPCB Guideline
2.	07:00	57.5	--		
3.	08:00	65.3	--		
4.	09:00	66.0	--		
5.	10:00	58.2	--		
6.	11:00	67.9	--		
7.	12:00	65.4	--		
8.	13:00	63.0	--		
9.	14:00	66.8	--		
10.	15:00	62.5	--		
11.	16:00	70.1	--		
12.	17:00	62.3	--		
13.	18:00	65.9	--		
14.	19:00	69.2	--		
15.	20:00	62.6	--		
16.	21:00	68.4	--		
17.	22:00	--	67.5		
18.	23:00	--	65.1		
19.	24:00	--	60.3		
20.	01:00	--	59.7		
21.	02:00	--	52.9		
22.	03:00	--	56.2		
23.	04:00	--	53.5		
24.	05:00	--	54.0		
Average Noise		64.3	58.6		

#### Remark-

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

Reviewed by  
mmh  
15.10.24



*Rpl*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)  
Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

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**CERTIFICATIONS**  
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ISO 14001 : 2015  
ISO 45001 : 2018



# EHS MATRIX

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## TEST REPORT

Report No:	EHSM/2024/Sep/R-117	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Noise	Sample Description	Ambient Noise
Date of Sampling	10/09/2024	Sampling duration	Spot Time
Sampling Collected by	Envicon Consultants	Sampling Location	Near ETP

## Results

Sr. No.	Time	Result dB(A) Day	Result dB(A) Night	MPCB Standards dB(A)	Method
1.	06:00	56.3	--	75/70	CPCB Guideline
2.	07:00	52.7	--		
3.	08:00	56.5	--		
4.	09:00	52.9	--		
5.	10:00	62.4	--		
6.	11:00	54.1	--		
7.	12:00	70.6	--		
8.	13:00	64.3	--		
9.	14:00	61.8	--		
10.	15:00	65.7	--		
11.	16:00	63.5	--		
12.	17:00	66.0	--		
13.	18:00	67.9	--		
14.	19:00	61.4	--		
15.	20:00	63.6	--		
16.	21:00	60.1	--		
17.	22:00	--	66.5		
18.	23:00	--	62.9		
19.	24:00	--	68.3		
20.	01:00	--	50.7		
21.	02:00	--	56.0		
22.	03:00	--	61.4		
23.	04:00	--	52.8		
24.	05:00	--	59.2		
Average Noise		61.2	59.7		

### Remark-

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

Reviewed by  
*mm*  
15.10.24



*Raj*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)  
Page 01 of 01

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### TEST REPORT

Report No:	EHSM/2024/Sep/R-118	Issue Date	18/09/2024
Name and Address of Customer	M/s. Emcure Pharmaceuticals Ltd., Plot No. 12/2, F-II Block, MIDC Pimpri, Pune-411018		
Sample Name	Work zone Noise	Date of Sampling	10/09/2024
Sampling Collected by	Envicon Consultants		

### Results

Sr. No.	Time Locations	Result dB(A) Day time (10:25)	Result dB(A) Night time (22:15)	The Factories Act 1948, standards	Method
1.	Near Main Gate	60.3	46.9	≤90	CPCB Guideline
2.	Near DG Room	68.1	52.0		
3.	Boiler House	63.5	57.8		
4.	Production Plant (First Floor) Block -2	66.9	59.1		
5.	Ahu Area Block-2 (2 <sup>nd</sup> Floor)	62.7	55.3		
6.	Utility Area Block-2 (Ground Floor)	61.4	51.8		
7.	Warehouse Office Block-4(Ground Floor)	57.1	54.0		
8.	Intermediate Area Block-4 (Passage of MLB) (1 <sup>st</sup> Floor)	51.5	47.0		
9.	Raw Material Store Block-4 (Warehouse)	54.0	50.6		
10.	Q. C. Laboratory (1 <sup>st</sup> Floor)	67.8	63.2		
11.	Production Plant (Ground Floor Area) Block-2	60.2	59.4		
12.	Intermediate Area Block-1(Ground Floor)	53.6	40.7		
13.	ETP Area	61.4	57.5		
14.	Water System Area Block-2 (2 <sup>nd</sup> Floor)	66.0	56.2		

#### Remark-

- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.

Reviewed by  
*mmf*  
15.10.24



*RPI*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

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ISO 45001 : 2018

### Annexure III

#### LIST OF TREES

Sr. No.	Common Name	Scientific name	No. of Trees
1	Silver Oak	<i>Grevillea robusta</i>	07
2	Pimpal	<i>Ficus religiosa</i>	09
3	Umbar/ Audumbar	<i>Ficus racemosa</i>	03
4	Kadulimb/ Neem	<i>Azadirachta indica</i>	07
5	Ashoka	<i>Polyalthia longifolia</i>	10
6	Kanchan	<i>Bauhinia variegata</i>	08
7	Tabebuia	<i>Tabebuia chrysantha</i>	02
8	Nilgiri	<i>Eucalyptus obliqua</i>	12
9	Son Chafa	<i>Michelia champaca</i>	03
10	Suru	<i>Casuarina equisetifolia</i>	04
11	Gulmohor	<i>Delomix regia</i>	04
12	Badam	<i>Terminalia catapa</i>	07
13	Bottle brush	<i>Callistemon citrinus</i>	02
14	Spathodia	<i>Spathodea campanulata</i>	03
15	Shevga	<i>Moringa oleifera</i>	02
16	Chandan	<i>Santalum album</i>	01
17	Chinch	<i>Tamarindus indica</i>	01
18	Apta	<i>Bauhinia racemosa</i>	05
19	kadi patta	<i>Murraya koenigii</i>	01
20	Ficus	-	28
21	Karanj	-	03
22	Awala	-	03
23	Amba (Mango)	-	10
24	X-Max	--	02
25	Unknown	--	02
<b>Total Trees</b>			<b>139</b>
23	Areca Palm, Bottle palm, Supari Palm	-	28
<b>Total trees + Palms</b>			<b>167</b>



**PHOTOGRAPHS OF GREEN BELT IN COMPANY PREMISES:**





# Emcure

PIMPRI-PUNE.





## Annexure - IV

### PHOTOGRAPHS OF FIRE DETECTION, FIRE PREVENTION, EMERGENCY EXIT AND EQUIPMENTS

#### 1. Fire extinguishers –

Sr. No.	Type of Extinguisher	Capacity	Qty
1	ABC	5 Kg	28 Nos
2	ABC	6 Kg	10 Nos
3	Modular ABC	2 Kg	6 Nos
4	ABC	1 Kg	2 Nos
5	CO <sub>2</sub>	2 Kg	2 Nos
6	CO <sub>2</sub>	3.2 Kg	1 Nos
7	CO <sub>2</sub>	4.5 Kg	92 Nos
8	M Foam	9 Lit	21 Nos
4	M Foam	45/50 Lit	7 Nos
Total			169 Nos



#### 2. Fire hydrant post, Hose Reel and Hose Box -

Sr. No.	Item	Qty
1	Fire Hydrant Post	19 Nos
2	Hose Box	19 Nos
3	Delivery Hose Pipe	38 Nos
4	Short Branch	19 Nos
5	Fire Service Inlet	1 Nos
6	Water Monitor	1 Nos
7	Hose Reel	4 Nos
8	Sand Bucket	21 Nos



**3. Fire Alarm System - Manual Call Point:**

Sr. No.	Item	Qty
1	Fire Detection Panel	5 Nos
2	Fire Detection Repeater Panel	1 Nos
3	Smoke Detector	212 Nos
4	Manual Call Point	25 Nos
5	Hooter	23 Nos







**Emcure**

PIMPRI-PUNE.

**6. Earthing and bonding of Equipments**



**7. Hooter cum sounder**



**Emcure**

**PIMPRI-PUNE.**

**8. Fire Suit, fire extinguishers, fire hydrant point and fire bucket stand.**



**9. Self-contained breathing apparatus – 05 Nos**





**Emcure**

PIMPRI-PUNE.

**10. Breathing airline respirator- 02 Nos**

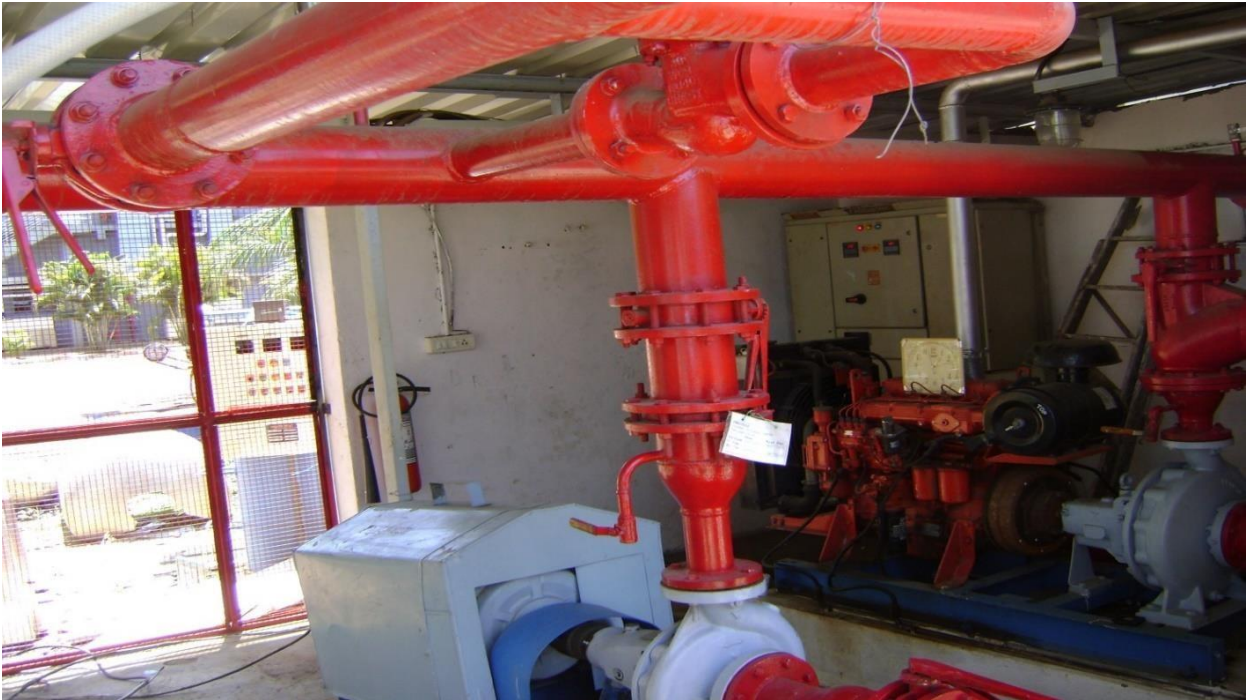


**11. Spill control kit – 12 Nos**

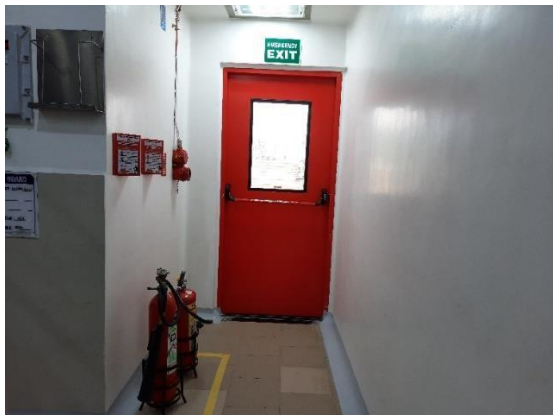


## 12. Fire Hydrant System

Sr. No.	Fire Hydrant System	Capacity	Qty
1	Water Tank	100 m3	01 Nos
2	Main Electric Pump	137 m3/hr	01 Nos
3	Jokey Pump	11 m3/hr	01 Nos
4	D.G. set Pump	138 m3/hr	01 Nos



## 13. Emergency Exit Provision & Signages





## 14. Emergency Escape Route Plan & ESD Plate at entrance point





# MAHARASHTRA POLLUTION CONTROL BOARD

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



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

RED/L.S.I (R58)  
No:- Format1.0/CC/UAN No.MPCB-  
CONSENT-0000156815/CR/2306000127

Date: 01/06/2023

To,  
Emcure Pharmaceuticals Ltd.  
Plot No. 12/1, 12/2,,Plot No. 12/1, 12/2, F II Block,  
MIDC Pimpri,  
Tal Haveli, Dist Pune.



Your Service is Our Duty

**Sub: Grant of Amendment in Consent to Operate under Change in Product Mix.**

- Ref:**
1. Consent to Operate accorded by Board vide Format BO/AST/UAN No. 0000010685/O/CC-1703001434, dtd. 21.03.2017 which was valid upto 31.12.2021.
  2. Consent to Operate accorded by Board vide Format 1.0 / AS (T) / UAN No. 0000124193 /CR/ 2207000763, Date. 15.07.2022 valid upto 31.12.2026
  3. Environmental Clearance is granted to the industry for expansion ref no. SEAC-2511/CR-741/TC2 dated 12.05.2014.
  4. Minutes of 4th Technical Committee Meeting dtd. 10.03.2023.
  5. Minutes of 4th Consent Committee meeting dtd. 12.05.2023.

Your application No.MPCB-CONSENT-0000156815 Dated 21.12.2022

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 and Rule 18(7) 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:

1. **The consent to renewal is granted for a period up to 31/12/2026**
2. **The capital investment of the project is Rs.59.51 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 31.51/- Crs + Expansion/Increase in C.I. - Rs. 28.0/- Crs)**

3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
API & Pharmaceutical Intermediates					
1	Desvenlafaxine (Existing)	2	0	2	MT/M
	Dexmedetomidine Hydrochloride (Existing)				
	S (-) Pantoprazole Sodium (Existing)				
	Pentamidine Isethionate (Existing)				
	Nefopam Hydrochloride (Existing)				
	Adenosine (Existing)				
	S (-) Amlodipine Besilate (Existing)				
	Atenolol (Existing)				
	Dexketoprofen Trometamol (Existing)				
	Febuxostat (Existing)				
	Iron Sucrose Complex (Existing)				
	Isosulfan Blue (Existing)				
	Metoclopramide Hydrochloride (Existing)				
	Prochlorperazine Edisylate (Existing)				
	Etodolac (Existing)				
	Zoledronic Acid (Existing)				
	Triamterene (Existing)				
	Neostigmine Methylsulphate (Existing)				
	Ritonavir (Existing)				
	Cidofovir (New)				
	Milrinone (New)				
	Dydrogesterone (New)				
	Progesterone (New)				
	R & D products (Max 100 Kg/M)				

(Total production quantity shall not exceed 2.0 MT/M)

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	19	As per Schedule-I	On land for gardening
2.	Domestic effluent	5	As per Schedule-I	On land for gardening

5. **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 1 & Boiler 2	1	As per Schedule -II
2	S-2	DG Set 500 KVA	1	As per Schedule -II
3	S-3	DG Set 500 KVA	1	As per Schedule -II
4	S-4	Process Vent	1	As per Schedule -II
5	S-5	Process Vent	1	As per Schedule -II
6	S-6	Process Vent	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Waste Packing material, rubber.	0.500	MT/M	Sale	Sale to authorized party
2	MS, SS, Aluminum, GI, cable Scrap	0.600	MT/M	Sale	Sale to authorized party
3	PVC/fibers/Metal/Clean drums, carboys, glass bottles.	500	MT/M	Sale	Sale to authorized party
4	Ash From Boiler	0.100	MT/M	Sale	Sale to Brick Manufacturer
5	Corrugated boxes, wooden boxes and broken glass.	500	No/M	Sale	Sale to authorized party

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	0.21	MT/M	Recycle*	Sale to authorised party / CHWTSDF
2	28.1 Process Residue and wastes	1.5	MT/M	Incineration	CHWTSDF
3	28.4 Off specification products	1.0	MT/M	Incineration	CHWTSDF
4	28.5 Date-expired products	3.0	MT/M	Incineration	CHWTSDF
5	20.2 Spent solvents	10.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
6	35.3 Chemical sludge from waste water treatment	2.5	MT/M	Landfill	CHWTSDF
7	28.2 Spent catalyst	0.1	MT/M	Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
8	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.5	MT/M	Recycle*	Sale to authorised party / CHWTSDf

(\* Industry shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.)

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E- Waste	100.00	Kg/Annum	Authorized re-processor

9. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDf:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	50.00	Yellow colored non-chlorinated plastic bags or containers	CBMWTSDf
2	Red	Contaminated waste (Recyclable)	50.00	Red colored non chlorinated plastic bags or containers	CBMWTSDf

10. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
13. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
14. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDf, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 through online manifest system.
15. The industry shall ensure connectivity of continuous online monitoring system to the Board server & data to be transmitted directly from Data Logger to the Board server.
16. Industry shall comply the Boards Circular dtd. 05.02.2020 for use of cleaner fuel.
17. This consent is issued pursuant to the Minutes of the 4th Technical Committee meeting under change in product-mix held on 10.03.2023. This Consent is issued based on self-assessment of Pollution Load submitted by you in Board's prescribed format and Certificate of "No Increase in pollution load" issued by Goldfinch Engineering Systems Pvt. Ltd., vide letter dtd. 29.12.2022. If any violation and / or submission of misleading information are noticed, then the consent issued under MoEF & CC Product Mix Circular dtd. 14.12.2006 will stand automatically cancelled and you have to follow the procedure of EIA Notification, 2006 and Amendments thereof for obtaining Environmental Clearance.



18. The applicant shall comply with the conditions of the Environmental Clearance granted for expansion vide ref no. SEAC-2511/CR-741/TC2 dated 12.05.2014 and shall ensure display/ upload of Six- Monthly Compliance monitoring report on their official website.
  19. This consent is issued pursuant to 4th Consent committee meeting dtd. 12.05.2023.
  20. This consent is issued with the overriding effect to earlier consent issued by the Board No:- Format 1.0 / AS (T) / UAN No. 0000124193 /CR/ 2207000763, Date. 15.07.2022 valid upto 31.12.2026.
  21. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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Signed by: **Dr. J.B. Sangewar**  
Assistant Secretary (Technical)  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ast@mpcb.gov.in  
2023-06-01 17:48:32 IST

#### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	100000.00	TXN2212004787	30/12/2022	Online Payment
2	150000.00	TXN2301004230	25/01/2023	Online Payment

**(This consent is issued with the overriding effect to earlier consent issued by the Board No:- Format 1.0 / AS (T) / UAN No. 0000124193 /CR/ 2207000763, Date. 15.07.2022 valid upto 31.12.2026.)**

#### Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pimpri Chinchwad  
- 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, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Sludge treatment (Sludge drying bed) for the treatment of 19 CMD of trade effluent.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

<b>Sr.No</b>	<b>Parameters</b>	<b>Limiting concentration not to exceed in mg/l, except for pH</b>
(1)	pH	6.0 -8.5
(2)	BOD (3 days 27°C)	30
(3)	COD	250
(4)	TSS	100
(5)	Oil & Grease	10
(6)	Total Dissolved Solids	2100
(7)	Chloride	600
(8)	Sulphate	1000

- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D] The treated effluent shall be recycled to the maximum extent for secondary purposes & remaining shall be discharged on own land for gardening. In no case, at any time effluent shall find its way outside factory premises.
2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.
- B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.
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 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.
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:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	36.00
2.	Domestic purpose	9.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	36.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0.00

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:

- 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.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S1	Boiler	Stack	30.00	LDO 432 Lit/Day	1.8	TPM	50 Mg/Nm <sup>3</sup>
						SO2	15.55 Kg/Day
	Boiler	Scrubber		LDO 78 Kg/Hr	1.8	TPM	50 Mg/Nm <sup>3</sup>
					1.0	SO2	67.39 Kg/Day
				[OR] LSHS 78 Kg/Hr	TPM	150 Mg/Nm <sup>3</sup>	
					SO2	37.44 Kg/Day	
S2 & S3	DG Set 500 KVA x 2 nos.	Acoustic Enclosure	3.00	Diesel 22 Ltr/Hr	1	TPM	50 Mg/Nm <sup>3</sup>
						SO2	3.52 Kg/Day
S4	Process Vent	Scrubber	10.00	- 0 --NA--	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S5	Process Vent	Scrubber	5.00	- 0 --NA--	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S6	Process Vent	Scrubber	5.00	0 00 --NA--	-	Acid Mist	35 Mg/Nm <sup>3</sup>

(D.G Set stack height shall be above roof of building)

- 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.
- 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 (unit)	
Total Particulate Matter	Not to exceed	50 mg/ Nm <sup>3</sup>

- 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.
- 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).
- Solvent Management shall be carried out as follows:
  - Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
  - Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
  - The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% 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 Water / chilled water / 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:**

<b>Sr. No</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	C to E	Rs. 5/- Lakhs	Existing to be extended	Towards compliance of consent conditions	31/12/2026	30/06/2027
2	C to R (Existing to be extended)	Rs. 5/- Lakhs	Existing to be extended	Towards O & M of pollution control systems	31/12/2026	30/06/2027
3	C to R	Rs. 1/- Lakhs	Existing to be extended	Industry shall recycle 50% treated effluent for utility purpose.	31/12/2026	30/06/2027

**\*\*Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

**BG Forfeiture History**

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

**BG Return details**

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

## **SCHEDULE-IV**

### **General Conditions:**

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
  1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.

**Storage for disassembled parts:** The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.
  2. **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.
  3. **Balances** : WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.

4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDf.
  5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
  6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDf.
  7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
  8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDf.
  9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
  10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
  11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
6. The Energy source for lighting purpose shall preferably be LED based
  7. 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
  8. 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.
  9. The applicant shall maintain good housekeeping.



10. 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.
11. 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.
12. 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.
13. 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 downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
15. 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.
16. 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.
17. 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.
18. The PP shall provide personal protection equipment as per norms of Factory Act
19. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
20. 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.
21. 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.
22. 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.
23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

24. 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)).
25. 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.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.

37. 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).
38. 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.

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This certificate is digitally & electronically signed.

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**EMCURE PHARMACEUTICAL LTD**  
**Plot No. 12/1 &12/2, F-II Block, Pimpri-Pune.****MOCK DRILL REPORT**

Type of Emergency	During charging of catalyst in reactor R-512 residual catalyst from SS container dried & catches fire and followed by evacuation.
Date of Mock Drill	26 Sep 2024
Time of Mock Drill	15:22 Hrs
Location	BL-2 Intermediate Skid area

**A) Description of Scenario:**

Mr. Aditya Bhosale and Mr. Prashant Mahangare were working in SKID Area. While processing of alpha cycle in Skid reactor No SKID-202 at top side temperature sensor top portion THF vapour cloud catches fire. Immediately Mr. Prashant Mahangare took nearby CO2 type fire extinguisher to extinguish fire and nearby working Mr. Aditya Bhosale fire fighter shouted 'Fire Fire" and rushed towards office to inform incident controller Mr. Chetan Thakare. Immediately incident controller rushed towards incident spot and informed to security gate for activate alert siren through Walky Talky and Main controller on phone about the emergency. On hearing Siren Mr. Vinayak Satpute wear fire suit & SCBA set and rushed towards incident spot. Meantime Mr. Aditya Bhosale and Mr. Prashant Mahangare started fire fighting by AFFF foam system connected to fire hydrant system. Incident controller informed Mr. Dnyaneshwar Patil (Main controller) to activate evacuation siren & to send safety squad team to incident spot. Mr. Dnyaneshwar Patil (Main controller) informed security gate to declare emergency by activating emergency siren. After hearing emergency siren, EHS floor marshalls evacuated all employee to assembly point. Main controller send safety squad team to incident spot and instructed security to keep ambulance ready. Fire fighter Mr. Vinayak Satpute wearing Fire suit and SCBA set rushed towards incident spot and extinguish the fire by using foam trolley & hydrant system. Mr. Aditya Bhosale got minor cold burn injury to his right hand. First aider ensured for first aid treatment to injured person in OHC, Incident Controller & Fire fighter team ensured the complete extinguishing of fire. HR and Security completed the head count at assembly point and informed to the Main controller. Main Controller & Incident Controller briefed about the Incident & efforts taken, Observations shared by observers. "All clear" was declared by Main Controller and communicated to all people to go back to workplace.



**B) Teams involved in Mock Drill:**

Sr. No	Team	Name of Employees
1	Safety Squad (Fire Fighting) Team	Mr. Prashant Mahangare, Mr. Aditya Bhosale & Mr. Vinayak Satpute
2	First Aid Team	Mr. Amol Indalkar
3	Incident Controller	Mr. Chetan Thakare
4	Main Controller	Mr. Dnyaneshwar Patil

**C) Mock Drill Observers:**

Sr. No	Name of observer	Designation	Location
1	Mr. Dhananjay Gadekar	Sr. Manager - QA	Incident Spot
2	Mr. Mangesh Sonawane	Assistant Manager- EHS	Incident Spot
3	Mr. Pramod Sonavane	AGM – Pilot Plant	Emergency Control Centre

**D) Observations (Details of time required for each activity).**

Sr. No	Activity	Response Time (Min)		Time Taken
1	While processing of alpha cycle in Skid reactor No SKID-202 at top side temperature sensor top portion THF vapour cloud catches fire.	15:22	15:22	10 Sec
2	Mr. Aditya Bhosale and Mr. Prashant Mahangare were started fire fighting by using CO <sub>2</sub> fire extinguisher in SKID	15:22	15:22	30 Sec
3	Immediately incident controller rushed towards incident spot and informed to security gate for activate alert siren through Walky Talky and Main controller on phone about the emergency.	15:22	15:22	20 Sec
4	Meantime Mr. Aditya Bhosale and Mr. Prashant Mahangare started fire fighting by AFFF foam system connected to fire hydrant system.	15:23	15:24	50 Sec
5	Immediately incident controller informed to Mr. Dnyaneshwar Patil (Main controller) about the fire and to activate evacuation siren & to send safety squad team to incident spot.	15:24	15:24	10 Sec
6	Main controller inform security gate to declare emergency by	15:24	15:24	30 Sec

Sr. No	Activity	Response Time (Min)		Time Taken
	activating emergency siren.			
7	EHS Floor Marshall evacuated all employees to assembly point.	15:24	15:25	1 Min
8	Main controller gave instruction to first aid team and safety squad to reach incident spot & instructed security to keep the ambulance ready.	15:23	15:23	30 Sec
9	Fire fighter Mr. Vinayak Satpute wearing Fire suit and SCBA set rushed towards incident spot and extinguish the fire by using foam trolley.	15:23	15:24	1 Min
10	Incident Controller & Fire fighter team ensured the complete extinguishing of fire.	15:25	15:26	30 Sec
11	Incident controller report to main controller about situation under control by face to face communication.	15:26	15:26	30 Sec
12	HR and Security completed the head count at assembly point and informed to the Main controller. Total 85 person assembled & head count match accurately with gate entry register.	15:26	15:28	2 Min
13	All clear siren sounded.	15:28	15:28	30 Sec
14	Incident controller & Observer brief about incident and their observations to all employees.	15:28	15:33	5 Min

**E) Suggestions / Recommendation:**

Sr. No	Observations	Suggestions	Corrective action and compliance status	Responsibility	Compliance Status
1	Good response from all the employees during the emergency.	Follow the same and ensure the same in future.	We will ensure the same in future.	All employees	Complied
2	After dial Emergency contact number 2922 line obstruction observed to operator	Emergency contact number 2922 line cable shall be check and repaired	Emergency contact number 2922 line cable to be replaced	Engineering	Completed

*mm/s*  
*01 OCT 2024*  
Prepared by

*[Signature]*  
*01 OCT 2024*  
Approved By

**F) Photographs**

1. On observing fire inside SKID-202 Mr. Prashant Mahangare operates Emergency stop button.





2. Fire fighter Mr. Vinayak Satpute wearing Fire suit and SCBA set rushed towards incident spot and extinguish the fire by using foam trolley.



3. Immediately incident controller rushed towards incident spot and informed to security gate for activate alert siren through Walky Talky.





4. Ambulance kept ready position on instruction by Main controller.



5. First Aid given in OHC to injured person



6. All employees rushed toward assembly point after hearing of emergency evacuation siren & Head count carried out by HR and Security Officer.



7. Incident controller & Site Controller brief about incident and their efforts to control emergency.



## **Annexure VII**

### **ENVIRONMENT MANAGEMENT PLAN**

The management will set aside adequate funds in its annual budget to fully meet the stated objectives of the environmental policy. The capital equipment for environmental management includes effluent treatment plant, pipelines and channels for discharge, green belt development, and environmental laboratory.

#### **Air -**

1. Online Stack monitoring connectivity done with MPCB & CPCB server.
2. Two no's DG set of 1010 & 500 KVA provided.
3. Total three no's of process scrubbers provided for controlling air emissions from process.
4. 3 no's of dust collectors provided for avoiding dusting during powder processing.
5. One IBR boiler and one Non IBR Boiler with common stack of 30 Mtr. provided.
6. Air quality monitoring done on quarterly basis form MOEF & CC approved laboratory.
7. Mechanical seal provided for transferring pumps.
8. Online Stack monitoring system installed and all the parameters within the MPCB/CPCB prescribed limits.
9. Online monitoring system connected to CPCB server, MPCB Server and working properly.

#### **Water -**

1. Effluent Treatment Plant is sufficient to take care of future load.
2. Effluent treatment plant consisting primary, secondary and tertiary treatment.
3. Treated effluent is reused for ETP primary treatment solution preparation, floor washing and remaining gardening inside the factory premises, which is meeting of MPCB norms.
4. Online effluent monitoring system installed and all the parameters within the MPCB/CPCB prescribed limits.
5. Online monitoring system connected to CPCB server, MPCB Server and working properly.
6. Water quality monitoring done on monthly basis form MOEF& CC approved laboratory.

#### **Noise –**

1. Acoustic enclosure is provided to DG set to meet noise pollution norm.

## Emcure

### PIMPRI-PUNE.

2. Personnel protective equipment's like Ear muff, ear Plugs etc. provided and training given to uses.
3. Cautionary boards displayed at designated area.
4. Noise level monitoring done on quarterly basis form MOEF & CC approved laboratory.

#### **Hazardous waste-**

1. Hazardous waste generated at site send to common hazardous waste treatment storage disposal facility Ranjangaon and spent solvents send for disposal to authorized recyclers.
2. Annual return of hazardous waste in form IV submitted to MPCB.
3. Separate storage shed provided for hazardous waste.

#### **Vermi compost project:**

1. We fully utilize the dry leafs, shredded papers, biosludge to vermi composting pit and generated vermicompost used for plants in company premises as a compost.

#### **Tree plantation:**

Every year we are planted trees in factory premises and outside. The survival rate of these trees almost 99%.

#### **Budget for Environmental Management:**

Sr. No.	Capital investment	O& M cost in Lac
1	Air Pollution Control Facilites	12.0
2	Green Belt	3.0
3	Laboratory Facility for Monitoring	3.0
4	ETP (Manpower, maintenance, changes in some parts of pumps, blowers)	13.0
5	Occupational Health	1.0
6	Hazardous Waste Cost	5.0
	<b>Total</b>	<b>37.00</b>



**Annexure VIII**

**संमिश्र ६ पुणे** | पुणे, सोमवार  
२ जून २०१४

**जाहीर सूचना**

महाराष्ट्र सरकार पर्यावरण विभाग खोली क्र. २१७, दुसरा मजला, मंत्रालय, मुंबई - ४०००३२, यांनी त्यांच्या पत्र क्र. SEAC-2511/CR-741/TC2 दिनांक १२मे २०१४. द्वारे एमक्युअर फार्मास्युटिकल्स लिमिटेड, पिंपरी, पुणे ह्यांच्या औद्योगिक प्रकल्पाचे विस्तारीकरण करण्यासाठी पर्यावरण विषयक परवानगी दिली आहे. सदर पर्यावरण विषयक परवानगीच्या प्रती आपल्या माहितीसाठी महाराष्ट्र प्रदूषण नियंत्रक मंडळाला उपलब्ध असून महाराष्ट्र शासन पर्यावरण विभागाच्या <http://envis.maharashtra.gov.in> या वेबसाईटवर आपण पाहू शकता.

**एमक्युअर फार्मास्युटिकल्स लिमिटेड,**

प्लॉट नं. १२/१, १२/२ एफ-II ब्लॉक, एम.आय.डी.सी., पिंपरी, पुणे-४११०१८

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PUNE,

MONDAY

02.06.2014

**Public Notice**

Government of Maharashtra, Environment Department, Room No.217, 2nd Floor, Mantralaya Annexe, Mumbai - 400 032, has accorded Environmental Clearance No SEAC-2511/CR-741/TC2 Dated 12th May 2014 for Expansion of Industrial Project of M/s. Emcure Pharmaceuticals Ltd., Pimpri, Pune. Copies of the Clearance letter are available with Maharashtra Pollution Control Board & May also be seen at website of Government of Maharashtra <http://envis.maharashtra.gov.in>

**M/s. Emcure Pharmaceuticals Ltd.,**

Plot No. 12/1, 12/2, F - II Block,

MIDC Pimpri, Pune 411 018

**Government of Maharashtra**

SEAC-2511/CR-741/TC2  
 Environment department  
 Room No. 217, 2<sup>nd</sup> floor,  
 Mantralaya Annexe,  
 Mumbai- 400 032.  
 Dated: 12<sup>th</sup> May, 2014

To,  
 M/s. Emcure Pharmaceuticals Limited.  
 Plot No. 12/1,12/2,F-II Block,  
 MIDC, Pimpri- 411018

**Subject: Environment clearance for proposed Expansion of existing project at Plot No12/1,12/2, F-II Block,Pimpri MIDC, Tal.Haveli, Distt. Pune by M/s. Emcure Pharmaceuticals Limited.**

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 67<sup>th</sup> & 62<sup>nd</sup> meetings 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 63<sup>rd</sup> & 67<sup>th</sup> Meetings.

2. It is noted that the proposal is for grant of Environment Clearance for proposed Expansion of existing project at Plot No12/1, 12/2, F-II Block,Pimpri MIDC, Tal.Haveli, Distt. Pune. SEAC considered the project under screening category 5(f) B1 of EIA Notification 2006.

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

<b>Name of the project</b>	Expansion of API and pharmaceutical intermediates Existing Capacity- 200 Kg/M Proposed Capacity – 1.8 MT/M (Total Capacity after expansion – 2.0 MT/M)
<b>Project Proponent</b>	M/s Emcure Pharmaceuticals Ltd.
<b>Consultant</b>	M/s.Sadekar Enviro Engineers Pvt. Ltd
<b>Activity schedule in the EIA Notification</b>	5(f) B1,
<b>Area Details</b>	Total Plot area of Plot 12/1- 4072.00 m <sup>2</sup> Total Plot area of Plot 12/2- 3966.00 m <sup>2</sup> Total Built up area of Plot 12/1- 2025.463 m <sup>2</sup> Total Built up area of Plot 12/2- 2946.71 m <sup>2</sup>
<b>Name of the Notified Industrial area</b>	MIDC Pimpri
<b>TOR given by SEAC? (If yeas then specify the meeting)</b>	The ToR was approved during the expert committee meeting held on 17, November 2011 held at DoE, Mumbai, Maharashtra vide letter no. SEAC 2011/CR 741/TC-2.
<b>Estimated capital</b>	Total Project Cost: Rs.23.41 Cr.

<b>cost of the Project</b>				
<b>Location details of the project :</b>	Latitude:- 18° 38' 56.28"N Longitude:- 73° 49' 28.53"E Location: - Plot No. 12/1,12/2,F-II Block, MIDC – Pimpri, Dist – Pune. Elevation above Mean Sea Level (metres):- 651 M			
<b>Distance from Protected Areas</b>	Does not exist in 10 Km radius.			
<b>Production details</b>	Name of products, by products and intermediate products	Existing (T/year)	Proposed activity (new/modernization /expansion) T/year	Total (T/year )
	S(-) Amlodipine Besilate	1.2	-	1.2
	API and Pharmaceutical intermediates	1.2	12.0	13.2
<b>Process details /manufacturing details</b>	Reaction such as polymerization, separation, then purification, drying and packing			
<b>Rain Water Harvesting(RWH)</b>	Level of the Ground water table: 40M			
<b>Total Water Requirement</b>	Total water requirement: Fresh water (CMD) : Source :M.I.D.C Water supply Use of the water: Process (CMD) : 25 m <sup>3</sup> /day. Cooling water (CMD) : 15 m <sup>3</sup> /day. DM Water (CMD): m <sup>3</sup> /day. Drinking (CMD) : 5 Fire service (CMD) : 100 M <sup>3</sup>			
<b>Storm water drainage</b>	Natural water drainage pattern : Yes Quantity of storm water: - Size of SWD : 0.45 x 0.45			
<b>Sewage generation and treatment</b>	Amount of sewage generation (CMD) : 3.75 m <sup>3</sup> /day			

<b>Effluent characteristic</b>	<b>Sr.no</b>	<b>Parameters (ph,bod,cod, heavy metal.ect</b>	<b>Inlet effluent characteristic</b>	<b>Outlet effluent characteristic</b>	<b>Effluent discharge standard (CPCB/MPCB)</b>
	1	PH	7.90	7.63	5.5-9.0
	2	TSS	215	53	<100
	3	COD	6247	180	<250
	4	BOD	2142	25	<30
	5	Oil Grease	Nil	Nil	<10
	6	TDS	1634	1035	<2100
	7	Chloride	420	235	< 600
	8	Sulphate	516	431	< 1000

<b>ETP details</b>	Amount of effluent generation (CMD) : <b>23.5 M<sup>3</sup>/Day</b> Capacity of the ETP (CMD) :- <b>25 m<sup>3</sup>/day</b> Amount of treated effluent recycled (CMD): <b>23.5 m<sup>3</sup>/day</b> for green belt Membership of the CETP (If require): If yes then attach the letter submit the letter :-
<b>Note on ETP technology to be used</b>	We have Biological Treatment consisting of Primary, Secondary and tertiary

<b>Disposal of the ETP sludge (If applicable)</b>	<b>Disposal : CHWTSDF Ranjangaon</b>				
<b>Solid waste Management</b>	<b>Sr no</b>	<b>Source</b>	<b>Qty(TP M)</b>	<b>Form (sludge/Dry/slurry ect.)</b>	<b>Composition</b>
	1	ETP	0.83	Sludge	Inorganic
	2	Process	0.416	Dry	Organic
	3	Spent Catalyst	0.01	sludge	Inorganics
	4	Oily Sludge	Nil		
	5	Others like Battery waste, e waste etc (PlSpecify)	0.25	Liquid	Organic
		Spent organic solvent			
<b>Atmospheric Emissions (Flue gas characteristics SPM, SO<sub>2</sub>, NO<sub>x</sub>, CO,</b>		Process residue & waste	0.416	Solid	Organic
	<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:</li> </ul>				
	<b>Sr No</b>	<b>Pollutant</b>	<b>Source of emission</b>	<b>Emmision Rate (Kg/hr)</b>	<b>Concentration in flue gas (g/m3)</b>
	1	SPM	Boiler	Negligible	Negligible



etc.)	2	SO <sub>2</sub>	Boiler	Negligible	Negligible
	3	NO <sub>x</sub>	Boiler	Negligible	Negligible
	4	CO	Boiler		
	5	others			

Stack emission Details: for each pollutant (SPM, SO <sub>2</sub> , NO <sub>x</sub> etc. should be specified	Plan t secti on & unit s	Stack no	Height from ground level (M)	Internal diameter (top)(m)	Emission rate	Temp.of exhaust
	Boil er (Non IBR)	1 st	30 m	0.30	Negligible	120 deg C
Emission Standard	Pollutants (SPM,SO <sub>2</sub> ,ect	Emission standard limit (mg/Nm <sup>3</sup> )	Proposed limit (mg/Nm <sup>3</sup> )		MPCB consent (mg/Nm <sup>3</sup> )	
	SPM	150	110		150	
Ambient Air Quality Data	Pollutant	Permissibl e standard	Proposed concentration (in ug/m <sup>3</sup> )		Remarks	
	SPM	60	16.5		Within Limit	
	RPM	100	77.29		Within Limit	
	SO <sub>2</sub>	80	16		Within Limit	
	NO <sub>x</sub>	80	20		Within Limit	
	CO	<4	<4		Within Limit	
Details of Fuel to be used:	Sr no	Fuel	Daily Consumption (TPD/KLD)		Calorific value(kc als /kg)	% ash
			Existing	Proposed		% Sulphur
	3	Hsd		78 Lit / hr	10270	Nil
	Source of fuel: Mode of transportation of fuel to site:					
Energy	<b>Power supply:</b> Existing power requirement: Proposed power requirement: <b>22 KW</b> DG sets: Number and capacity DG sets to be used (existing and proposed) : Additional Fuels - HSD 78 Lit / hr					

<b>Green Belt Development</b>	Green belt area (Sq. m.): 1534.93 Sq. m (Existing) : 1117.61 Sq. m.(Proposed) Total Green Belt Area: 2652.54 Sq. m. Number and species of trees to be planted :- Existing – 120 and proposed- 25			
<b>Detailsof Pollution Control Systems</b>	Sr n o		Existing pollution control system	Proposed to be instslld
	1	Air	2 Nos Scrubber, 1 Nos Dust collector	1 Nos Dust collector
	2	Water	ETP	
	3	Noise		Adequate measures for control of noise levels will be implemented to maintain noise levels.
	4	Solid waste		Sludge sent CHWTDF Ranjangaon
<b>Environmental Management plan Budgetary Allocation</b>	Sr no		Recurring Cost per annum Rs. lakh.	Capital Cost Rs. lakhs
	1	Air Pollution Control	0.5	3.0
	2	Water Pollution Control	18.0	40.0
	3	Noise Pollution Control	-	-
	4	Laboratory Facility for Monitoring	2.0	2.0
	5	Hazardous Waste Cost	1.5	2.0
	6	Occupational health	-	2.0
	7	Green Belt	3.0	5.0
	8	Others (Pl.Specify) Total	25.0	54.0
<b>EIA Submitted(If yes then submit the salient features)</b>	Period of data collected : Mar to May 12 Details of the primary data collection (i.e. location of the sample collection, number of visit, etc) : Project Site, Pimpri, Moshi, Chinchwad Details of the secondary data collection (i.e. Source and year of data) : Indian Meterological Departement, Forest Department, District gazette of Pune, Census of India 2001 data. Potential hazard and mitigation measures; No potential hazards Conclusion of the EIA study: The location of Emcure plant is at designated industrial zone of Govt. of Maharashtra. Since the establishment of Emcure, the environmental protection measures addressed efficiently. The environmental baseline data collected in			

	winter season also convey that there is no increase in environmental pollution due to proposed activity. Hazardous waste generated will be disposed to Hazardous waste disposal site duly authorized by MPCB. The Emcure has full fledged fire and safety management which includes fire hydrant and other related systems. The occupational health plan will also be addressed properly. In view of all above points and having commitments towards protection of environment by the company it is concluded that the propose unit will not add any pollution load and no negative impact on the environment is predicted
--	--

3. The proposal has been considered by SEIAA in its 63<sup>rd</sup> & 67<sup>th</sup> meetings & 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 :


- (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) PP has to abide by the conditions stipulated by SEAC & SEIAA
- (iv) 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.
- (v) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
- (vi) Proper Housekeeping programmes shall be implemented.
- (vii) 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.
- (viii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (ix) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (x) Arrangement shall be made that effluent and storm water does not get mixed.

- (xi) 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.
- (xii) 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.
- (xiii) 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiv) 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.
- (xv) 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.
- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) 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.
- (xix) 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.
- (xx) 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.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.



- (xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiv) 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.
- (xxv) 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>
- (xxvi) 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.
- (xxvii) 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.
- (xxviii) 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.
- (xxix) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
- (xxx) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (xxxi) The environmental clearance is being issued without prejudice to the 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 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.
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, Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Delhi - 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010

  
(R.A. Rajeev)  
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. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
3. 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).
4. Regional Office, MPCB, Pune.
5. MD, MIDC, Pune.
6. Collector, Pune
7. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

8. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment department.
9. Select file (TC-3).

(EC Uploaded on 17/5/2014 )

## Annexure X

### FOR ENVIRONMENTAL MANAGEMENT WITH ITEM AND YEAR WISE BREAK UP

Sr. No.	Details	2016-2017 (Lakh)	2017-2018 (Lakh)	2018-2019 (Lakh)	2019-2020 (Lakh)	2020-2021 (Lakh)	2021-2022 (Lakh)	2022-2023 (Lakh)	2023-2024 (Lakh)	2024-2025 (Lakh)
1	Air Pollution Control Facilites	30	15	15	10	45	10	12	10	12
2	Green Belt	3.6	3.8	3.9	3.2	3.0	3.0	3.0	3.0	3.0
3	Laboratory Facility for Monitoring like, Ambient air monitoring, Stack monitoring, Treated and untreated effluent analysis.	2.5	2.8	2.9	2.5	2.5	2.5	3.0	3.0	3.0
4	ETP	10	11	11.5	12.5	12.5	12.5	13.0	13.0	13.0
5	Hazardous Waste	3.5	4.0	4.5	4.0	4.0	4.0	5.0	4.0	5.0
	<b>Total</b>	<b>49.6</b>	<b>36.6</b>	<b>37.8</b>	<b>32.2</b>	<b>67.0</b>	<b>32.0</b>	<b>36.0</b>	<b>33.0</b>	<b>36.0</b>