

Date: 30.11.2022

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 June-2022 to November-2022.**

**Ref: Environment clearance Letter No. - SEAC-2511/CR-741/TC2 Dated: 12th
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 **June-2022 to November-2022.**

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.

Emcure Pharmaceuticals Limited

Plot Nos. : 12/1 & 2, F-II Block, M.I.D.C., Pimpri, Pune - 411 018, Maharashtra, India.

Phone No. : +91 020 - 35270000

Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411 026. Maharashtra, INDIA
Phone Nos. : + 91 020 - 35010000, 40700000, Fax No. : 91 20 - 30610111 E-mail : corporate@emcure.co.in,
Website : www.emcure.com, CIN : U24231PN1981PLC024251

**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 JUNE
2022 TO NOVEMBER 2022**

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

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 ₂ 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 05.09.2022 Monitoring report is attached in Annexure I.
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 achieved.	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

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Sr. No	Terms and Conditions	Compliance status
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.
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 05.09.2022, monitoring reports attached in Annexure II .
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 Annexure III .
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 Annexure IV .
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 yearly 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.

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PIMPRI-PUNE.

Sr. No	Terms and Conditions	Compliance status
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/AS(T)/UAN No.0000124193/CR/2207000763 dated 15.07.2022 valid up to 31.12.2026 Refer Annexure V .
xix)	The company shall undertake following Waste Minimization Measures: <ul style="list-style-type: none">• Metering of quantities of active ingredients to minimize waste.• Reuse of by products from the process as raw material or as raw material substitutes in the other process.• Minimizing Recoveries• Use of automated material transfer system to minimize spillage.	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 03.10.2022 The mock drill report is attached in Annexure VI .
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 Annexure VII .

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Sr. No	Terms and Conditions	Compliance status
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 http://cc.maharashtra.gov.in	Advertise published on 2 nd June 2014 of Pudhari (Marathi paper) and DNA (English paper). Attached in Annexure VIII .
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 st June and 1 st December	Half yearly compliance report submitted on 02.06.2022
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 ₂ , NO _x (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 02.06.2022 by email.
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 JUNE 2022 TO NOVEMBER 2022

Part – I

Data Sheet

1	Project type: River- Valley/Mining/Industry/Thermal/Nuclear/ Other (specify).	Industry
2	Name of the project	Emcure Pharmaceuticals Limited,
3	Clearance letter (s)/OM No. and date	SEAC-2511/CR-741/TC2 dated 12 th May 2014
4	Location: a) District (s) b) State (s) c) Location Latitude/Longitude	MIDC- Pimpri, Pune Maharashtra Latitude: 18o38'56.28"N Longitude: 73o49'28.53"E
5	Address for correspondence Address of the Concerned Project Chief Engineer (with Pin Code & telephone/telex/fax numbers)	Name : Mr. Sachin Nemade Address : M/S, Emcure Pharmaceuticals Limited, Plot No. 12/1 & 2, F- II Block, MIDC, Pimpri, Pune-411018 Telephone N. -020-35270000
6	Salient features	
	a) Of the project	<ul style="list-style-type: none">• 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.• Company headquarter is situated in Pune, Pimpri is One of the unit of Emcure Pharmaceuticals Ltd.• MIDC has well developed infrastructure facilities like Road, Water & Drainage network.• Chinchwad Railway Station is 5 Km & Pune airport is about 23 Km away from the project site.
	b) Of the Environmental management plans	Attached in Annexure VII

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7	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
8	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
9	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	48.25 Cr
	b) Allocation made for environmental management plans with item wise and year wise and break-up	Attached in Annexure VII
	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	48.25 Cr

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10	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
11	The status of clear felling in non-forest areas (Such as submergence area or reservoir, approach Roads.), if any with Quantitative information required.	NA
12	Status of construction (Actual &/or planned)	Completed
	a) Date of commencement (Actual &/or planned)	NA
	b) Date of completion (Actual &/or planned)	NA
13	Reason for the delay if the project is yet ----- to start.	NA

List of Annexure

Sr. No	Details	Annexure No
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

ANALYSIS REPORT

Client's Name & Address	Report No.	JV/22-23/09/38
To, Emcure Pharmaceuticals Ltd., Plot No. 12/2, F - II Block, MIDC Pimpri, Pune - 411 018.	Report Date	13/09/2022
	Type of Monitoring	Ambient Air
	Test Location	Near Main Gate
	Lab Reference No.	JV/EPL/22-23/09/38
	Date of Sampling	05/09/2022
	Date of Analysis	06/09/2022 To 12/09/2022

OBSERVATION

Ambient Temp. °C	Dry Bulb Temp. °C	Wet Bulb Temp. °C	Relative Humidity % RH	Time of Sampling	Sampling Duration in Min
29	29	27	85	11:50	1440

RESULTS

Sr. No.	Description	Results	NAAQ Standards	Unit	Standard Method
1	Sulphur Dioxide (SO ₂)	21.72	≤ 80	µg/m ³	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO _x)	27.48	≤ 80	µg/m ³	IS 5182(Part6):2006
3	Particulate Matter PM ₁₀	53.06	≤ 100	µg/m ³	IS 5182(Part23):2006
4	Particulate Matter PM _{2.5}	19.75	≤ 60	µg/m ³	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.39	≤ 4.0	mg/m ³	IS 5182(Part10):1999
6	*Ozone	19.51	≤ 180	µg/m ³	IS 5182(Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m ³	IS 5182(Part22):2004
8	Ammonia (NH ₃)	BDL	≤ 400	µg/m ³	WI/Lab/Ambient/06
9	Benzene (C ₆ H ₆)	BDL	≤ 5.0	µg/m ³	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤ 1.0	ng/m ³	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6.0	ng/m ³	IS 11124: 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m ³	IS 12122: 1987

REMARKS/OBSERVATIONS:

- All above results are within National Ambient Air Quality Standard.
- BDL-Below Detection Limit
- *1-hour sampling duration.

For JV Analytical Services


Authorized Signatory

1. Results relate only to the sample tested.
2. Tested sample(s) drawn by the Laboratory.
3. Test report shall not be reproduced except in full, without written approval of the laboratory
4. This report, in full or in part, shall not be used for advertising or legal action.

---End of the Report---



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Address: 2nd & 3rd Floor, Samay Apartment, Bhau Patil Road, Bopodi, Pune-411020

Tel:7350658988 Email: jvlabpune@gmail.com, sales@jvanalyticalservices.com Web:www.jvanalyticalservices.com

ANALYSIS REPORT

Client's Name & Address To, Emcure Pharmaceuticals Ltd., Plot No. 12/2, F - II Block, MIDC Pimpri, Pune - 411 018.	Report No.	JV/22-23/09/39
	Report Date	13/09/2022
	Type of Monitoring	Ambient Air
	Test Location	Near ETP
	Lab Reference No.	JV/EPL/22-23/09/39
	Date of Sampling	05/09/2022
	Date of Analysis	06/09/2022 To 12/09/2022

OBSERVATION

Ambient Temp. °C	Dry Bulb Temp. °C	Wet Bulb Temp. °C	Relative Humidity % RH	Time of Sampling	Sampling Duration in Min
29	29	27	85	12:00	1440

RESULTS

Sr. No.	Description	Results	NAAQ Standards	Unit	Standard Method
1	Sulphur Dioxide (SO ₂)	21.64	≤ 80	µg/m ³	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO _x)	30.19	≤ 80	µg/m ³	IS 5182(Part6):2006
3	Particulate Matter PM ₁₀	49.57	≤ 100	µg/m ³	IS 5182(Part23):2006
4	Particulate Matter PM _{2.5}	17.92	≤ 60	µg/m ³	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.43	≤ 4.0	mg/m ³	IS 5182(Part10):1999
6	*Ozone	19.66	≤ 180	µg/m ³	IS5182 (Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m ³	IS 5182(Part22):2004
8	Ammonia (NH ₃)	BDL	≤ 400	µg/m ³	WI/Lab/Ambient/06
9	Benzene (C ₆ H ₆)	BDL	≤ 5.0	µg/m ³	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤ 1.0	ng/m ³	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6.0	ng/m ³	IS 11124: 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m ³	IS 12122: 1987

REMARKS/OBSERVATIONS:

- All above results are within National Ambient Air Quality Standard.
- BDL-Below Detection Limit.
- *1-hour sampling duration.

For JV Analytical Services



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Tel:7350658988 Email: jvlabpune@gmail.com, sales@jvanalyticalservices.com Web:www.jvanalyticalservices.com

ANALYSIS REPORT

Client's Name & Address To, Emcure Pharmaceuticals Ltd., Plot No. 12/2, F - II Block, MIDC Pimpri, Pune - 411 018.	Report No.	JV/22-23/09/40
	Dated	13/09/2022
	Type of Monitoring	Source Emission Stack Monitoring
	Test Location	D. G. Set- 500 KVA (D. G.-203)
	Lab Reference No.	JV/EPL/22-23/09/40
	Date of Sampling	05/09/2022
	Date of Analysis	06/09/2022 To 12/09/2022

STACK DETAILS

Sr. No.	Description	Result	Unit
1	Material of Stack	MS	--
2	Time OF Sampling	16:40	Hrs
3	Stack height from GL	3.0	Mtr
4	Type of Stack	Round	--
5	Fuel Gas Temperature	572	°k
6	Differential Pressure	6.9	mmWG
7	Velocity	11.93	m/s
8	Dimensions of Stack	0.200	Meter
9	Stack Area	0.0314	M ²
10	Gas Volume	702.57	NM ³ /Hr

RESULTS

Sr. No.	Description	Result	Unit	Limits as per MPCB	Standard Method
1	Particulate Matter	74.31	mg/Nm ³	≤150	IS 11255 (Part 1):1985
2	Sulphur Dioxide (SO ₂)	43.95	mg/Nm ³	N.S.	IS 11255 (Part 2):1985
3	Sulphur Dioxide (SO ₂)	0.741	kg/day	≤12	IS 11255 (Part 2):1985
4	Oxides of Nitrogen	5.3	mg/Nm ³	N. S.	IS 11255 (Part 7):2005
5	Hydrogen	BDL	ppm	N. S.	IS 13270:1992(RA:2009)
6	Carbon Monoxide	0.964	%	N. S.	IS 13270:1992 RA 2014

REMARKS/OBSERVATIONS:

- All above results are within limits as per MPCB
- N.S.: Not Specified as per MPCB Consent

For JV Analytical Services



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Tel: 7350658988 **Email:** jvlappune@gmail.com , sales@jvanalyticalservices.com **Web:** www.jvanalyticalservices.com