

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND2/152225/2020.
Environment Department
Room No. 217, 2nd Floor,
Mantralaya,
Mumbai- 400032.
Date: 26.06.2020.

To
M/s. Atul Bioscience Ltd.,
Plot No. N-37, Additional Ambernath MIDC,
Ambernath, Thane

Subject : Environment Clearance for proposed expansion (Change in Product Mix) on
Plot No. N-37, Additional Ambernath MIDC by M/s. Atul Bioscience Ltd.

Reference : Application no. SIA/MH/IND2/152225/2020.

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 183rd meeting under screening category 5(f) Synthetic Organic Chemicals as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 198th meeting of State Level Environment Impact Assessment Authority (SEIAA).

2. Brief Information of the project submitted by you is as below:-

- The total plot area of the proposed project is 24,558 Sq.m. PP agreed to develop 33% green belt within the premises over an area of 8,104 Sq.m by planting 1215 nos. of indigenous trees.
- The estimated project cost is Rs. 86.00 Cr. including existing investment of Rs. 42.31 crores. Total capital cost earmarked towards EMP is Rs. 373 Lakhs & the Recurring cost (operation & maintenance) will be about Rs. 25.50 Lakhs per annum.
- The CER amount of the project will be Rs. 43.00 Lakhs.
- Total employment will be 250 persons as direct & indirect employees after expansion.
- Total water requirement is 275 m³/day out of which fresh water requirement of 150 m³/day will be met from MIDC, Ambernath
- The total effluent generation after expansion will be 100 m³/day which will be treated in the Zero Liquid Discharge Effluent Treatment Plant. PP proposes to provide STP for the treatment of domestic sewage.
- Power requirement after expansion of the project will be 2.25 MW including existing 1.27 MW and will be met from MSEDCL. Existing unit has 2 no. DG sets of 500 kVA & 125 kVA Capacity which are adequate considering the expansion.
- Existing unit has 4 no of boilers, with capacity Boiler no. 1 -3 T/hrs, Boiler no. 2 -850 kg/hrs, Boiler no. 3 - 850 kg/hrs & Boiler no. 4 - 650kg/hrs which are adequate for proposed expansion. PP proposes to provide Bag filter and a stack of height of 30 m to the boiler for mitigation of air pollution.
- PP proposes to sale reusable hazardous waste to the Authorized vendor and disposal at CHWTSDF site.
- The details of production quantities are as below,

Sr.	Name Product	Existing Quantity (MTA)	Product to be discontinued	Proposed quantity (MTA)	Total Capacity (MTA)
1	Losartan Potassium	60	0	0	60
1.1	Losartan-I	0	0	60	60
1.2	Losartan - II/ Losartan Base	0	0	60	60
2	Chlorobutanol	40	0	10	50
3	Metoprolol Tartrate	80	0	0	80
3.1	Metoprolol Base	0	0	68.24	68.24
3.2	Metoprolol Epoxid	0	0	58.48	58.48
4	Metoprolol Succinate	30	0	20	50
4.1	Metoprolol Base	0	0	44.7	44.7
4.2	Metoprolol Epoxid	0	0	38.3	38.3
5	Fluconazole	40	0	35	75
5.1	Fluconazole Crude (FCZ-III)	0	0	86.47	86.47
6	Tramadol Hydrochloride	20	20	Product ion Stopped	0
7	Atrovasatin	10	10	Product ion Stopped	0
8	Ferrous Fumarate	1000	1000	Product ion Stopped	0
9	Ketocanazole	20	20	Product ion Stopped	0
10	Carisoprodol	180	180	Product ion Stopped	0
11	Carvedilol	0	0	25	25
12	Quetiapine Fumarate and intermediates	0	0	75	75
13	Topiramate H CL	0	0	50	50
14	Nebivolol H CL	0	0	25	25
15	(S)-Metoprolol Succinate	0	0	10	10
15.1	(S)-Metoprolol Base	0	0	9.61	9.61
16	Vildagliptin	0	0	75	75
16.1	(S)-1-(2-Chloroacetyl)pyrrolidine-2-carbonitrile (CACP)	0	0	62.62	62.62
16.2	L-Prolinamide	0	0	62.62	62.62
17	Acyclovir	0	0	150	150

17.1	2-(acetylamino)-9- {[2-(acetyloxy)ethoxy]methyl}-9H-purin-6-yl acetate	0	0	238.5	238.5
17.2	Guanine diacetate	0	0	200.34	200.34
18	Ritonavir	0	0	50	50
18.1	Thiazol-5-yl-methyl N[(1S,3S,4S)-1-benzyl-4-amino-2 hydroxy-5- phenyl pentyl]carbamate	0	0	35	35
18.2	Tert.butyl N[(1S,3S,4S)-1-benzyl-4-amino-3 hydroxy-5-phenyl pentyl]carbamate	0	0	35	35
19	Atazanavir	0	0	50	50
20	Mebeverine	0	0	75	75
20.1	Ethyl-[2-(-methoxy-phenyl)- 1-methylethyl]amine	0	0	31.5	31.5
20.2	1-(4-methoxyphenyl)-propan- 2-one	0	0	36.72	36.72
20.3	3,4-dimethoxy-benzoic acid- 4-bromo-butylester	0	0	51.75	51.75
20.4	Sodium veratroate	0	0	39.17	39.17
20.5	3,4-dimethoxy-benzoic acid	0	0	31.02	31.02
20.6	Veratraldehyde	0	0	29.53	29.53
21	Valacyclovir Hydrochloride	0	0	150	150
21.1	CBZ-Valacyclovir	0	0	202.5	202.5
21.2	CBZ-L-Valine	0	0	157.95	157.95
22	Venlafaxine Hydrochloride	0	0	150	150
22.1	Venlafaxine Acetate	0	0	154.5	154.5
23	Mirabegron	0	0	25	25
23.1	(1R)-2- {[2-(4-aminophenyl)ethyl]amino}-1-phenylethanol Hydrochloride	0	0	22	22
23.2	(1R)-2- {[2-(4-nitrophenyl)ethyl]amino}-1-phenylethanol Hydrochloride	0	0	25.74	25.74
23.3	(2R)-2-hydroxy-N- [2(4-nitrophenyl)ethyl]-2-phenylethanamid	0	0	26.51	26.51
24	Desvenlafaxine Succinate	0	0	25	25

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25	Dapson	0	0	40	40
26	[N-(2'-Cyanobiphenyl-4-yl)methyl]-L-valine meth yl ester hydrochloride	0	0	360	360
27	L-prolinebenzyl es ter Hydrochloride (L-PBE. HCl)	0	0	200	200
28	Trimethyl sulphoxonium iodide (TMSI)	0	0	70	70
29	N,N'- Dicyclohexyl urea (DCHU)	0	0	150	150
30	Benzyl chloride	0	0	250	250
	Total Capacity	1480	1230	3939	4189
		A	B	C	D

3. The proposal has been considered by SEIAA in its 198th meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

- I. PP to implement the Guidelines for restoration of manufacturing industries after lockdown period issued by Ministry of Home Affairs, National Disaster Management Authority on 09.05.2020.
- II. PP to submit an undertaking for not violating any condition stipulated in earlier EC.
- III. PP to provide sewage treatment plant for the treatment of domestic sewage.
- IV. PP to submit construction waste management plan and fly ash management plan. All construction waste and fly ash shall be disposed of after obtaining permission from the competent Authority.
- V. PP to prepare safety related training modules in Marathi / vernacular language based on hazard identification so as to increase its effectiveness and impart training to all concern employees.
- VI. PP to submit structural stability of existing building on site w.r.t to the proposed expansion.
- VII. PP to provide Continuous Environmental Monitoring System and connect to the CPCB and MPCB server.
- VIII. PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
- IX. PP to submit acknowledge copy of CER plan submitted to District Collector.
- X. PP to submit revised MIDC approval.
- XI. PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.


General Conditions:

- I. PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.
- II. No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- III. PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
- IV. Proper Housekeeping programmers shall be implemented.

- V. 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.
- VI. A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
- VII. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- VIII. Arrangement shall be made that effluent and storm water does not get mixed.
- IX. Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- X. 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.
- XI. The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- XII. 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.
- XIII. 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.
- XIV. Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act. XV (The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling).
- XV. 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 collection/treatment/storage/disposal of hazardous wastes.
- XVI. 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.
- XVII. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- XVIII. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These costs 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 be reported to the MPCB & this department.
- XIX. 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 area 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://parivesh.nic.in>.
- XX. 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 1st June & 1st December of each calendar year.
- XXI. 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.
- XXII. 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, SO₂, NO_x (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.

- XXIII. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- XXIV. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
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. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
 6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
 7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.
 8. 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.
 9. 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.
 10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Anil Diggikar
(Member Secretary, SEIAA)

Copy to:

1. Shri Johnny Joseph, Chairman, SEIAA.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Thane.
7. Regional Officer, Maharashtra Pollution Control Board, Thane.