Government of Maharashtra

No. SEAC-2010/ CR-301/TC.2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai- 400 032.
Dated: 30th December, 2010

To,
M/s. Anamayee Pharmachem Pvt. Ltd.
Plot No.K-37,
MIDC, Tarapur,
Boisar,
Dist – Thane
Maharashtra

Sub: Change in product of existing bulk industry at plot no. K-37, MIDC, Tarapur, Boisar, District: Thane by M/s. Anamayee Pharmachem Pvt. Ltd. - Environmental clearance regarding.

Sir,

This has reference to your communication dated 21st April, 2009 on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 21st meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 26th and 30th meetings. Authority noted office memorandum of MOEF J-11013/5/2010-IA-II(I) dated 26th October, 2010 regarding lifting the moratorium on consideration of projects for environmental clearance.

2. It is noted that the proposal is for grant of Environmental Clearance for Change in product of existing bulk industry at plot no. K-37, MIDC, Tarapur, Boisar, District: Thane by M/s. Anamayee Pharmachem Pvt. Ltd. The project considered by SEAC under screening category 5 (f) of EIA Notification 2006.

Project information from submitted & considered documents is summarized as below-

Name of the Project	:	Change in product of existing bulk industry
Type of Project	:	Bulk drugs and intermediates category (5f)
Project Proponent	:	M/s. Anamayee Pharmachem Pvt. Ltd.
Location of the project	:	Plot no. K-37, MIDC, Tarapur, Boisar, District: Thane 1. Latitude : 73° 12' east side 2. Longitude : 19° 16' east side
Plot area	:	2935 sq. mt.
Built-up area		1465 sq. mt.
Estimated cost of the project	:	₹ 4,01,68,088.55/-

Production capacity:

Consent to operate for following products is with the company:

Sr. No.	Name of the Products	Quantity (Kgs./Month)
1.	Pyrithione Zinc	100
2.	Pyrithione Sodium	100
3.	3 Bromobenzaldehyde	100
4.	2 Hexanone	100
5.	4 Bromobutyronitrile	100
6.	2-5 Dimethoxy Benzaldehyde	50
7.	Di Sodium Etidronate	100
8.	9-Phynylacridine	600
9.	Dimethyl Isophthalate	50
10.	Salicylanilide	100
11.	Dimethoxy Toluene	400
12.	Paramethoxy Benzoic Acid	100

But, the company proposing to change the products within existing plant & Machinery:

Sr. No.	Name of the Products	Quantity (MT/Month)
1.	Glipizide	1.0
2.	Gliclazide	1.0
3.	Glimipride	0.5
4.	Losartan Potassium	1.0
5.	Tolnaftate	0.5
6.	Cefixime Trihydrate	1.0
7.	Venlafaxine	1.0
8.	Bisacodyl	1.0
9.	Bambuterol	0.5

Water Requirement:

Total Water requirement: 24 CMD; Source: MIDC

Effluent generated:

Domestic Effluent: 5 M^3; Disposal: Septic tank overflow through MIDC drain

Trade Effluent: 10 M^3; Disposal: Through MIDC drain to CETP

Capacity of ETP: 15 CMD; Effluent Treatment Plant consist of Primary followed by Tertiary treatment.

- The detailed record of water consumption for various purposes & as well as waste water generation from different sources shall be maintained on daily/ regular basis with respect to flow rates & characteristics.

- Regular monitoring of MIDC water and ground water will be done to taken up for ensuring that there will no discharges from plant into these water bodies.
- Water measuring measurement facilities shall be provided at inlet and outlet of ETP

Fuel requirement:
High Speed Diesel: 200 litrs/day; Calorific value: 10900(Kcals/ kg)
Fuel Oil/LDO: 300 litrs/day

Solid Waste Management:

A. Hazardous Waste

Sr. No.	Scheduled – I Cat. No.	Type	As per Consent.	Proposed Qty.	Method of disposal
1	20.3	Distillation Residue	494 kgs/M.	271 Kgs/ M.	CHWTSDF, MWML. Taloja
2	34.3	Chemical Sludge from waste water treatment	85 Kgs./ M.	110 Kgs./ M.	CHWTSDF, MWML. Taloja
3	35.3	Spent Carbon	8 Kgs./ M.	10 Kgs./ M.	CHWTSDF, MWML Taloja

B. Non Hazardous Waste:

Sr. No.	Type	Qty.	Method of disposal
1	Empty Drums	400 Nos. / Yr.	Return to the supplier/ sale to authorized party
2	Plastic Bags	300 Kgs./ Yr.	Return to the supplier/ sale to authorized party
3.	Wooden pallets	600 Kgs./ Year	Return to the supplier/ sale to the authorized party

Energy:
- Power Requirement: Connected Load: 224.35 KW; Max. Demand: 68 KVA; Source: MSEB;
- DG sets: 1 No. 125 KVA capacity
- Motors equipped with VFD which will help to save 40-50 % energy consumption.

Green Belt Development: area: 592.00 Sq. m.

Environmental Management Plan:

Sr. No.	Particulars	Recurring Cost per annum	Capital Cost
1	Air Pollution Control	2,00,000	7,00,000
2	Water Pollution Control	3,00,000	10,00,000
3	Noise Pollution Control	----	3,00,000
4	Environment Monitoring and Management	2,00,000	2,00,000
5	Reclamation borrow / mined area	N.A.	N.A.
6	Occupational Health	30,000	----
7	Green Belt	40,000	1,50,000
8	Solid Waste Management	1,82,640	---
9	Others (Pl. Specify)	--	--
Total		9,52,640	23,50,000

Air pollution control measures:

- Adequate measures shall be taken to avoid leakages.
- Gases from process plant shall be control and maintain as per M.P.C.B. emission standards.
- Fugitive source (leakages from ducts & vents) of gases shall be control through proper maintenance
- Efficient scrubbing system will be provided to take care of the fugitive emissions.
- Provision of stack attach to boilers with adequate facilities for collection of samples in the form of port holes, platform, ladders etc
- Specifications for air pollution control system:

1. Stack No. -- 1 No.
2. Stack attached to Boiler -- 2 Nos.
3. Ht. of stacks in mtr. -- 11 Mtrs. each (from ground level)
4. Diameters in MM -- 12 inches
5. Height of chimney -- 3 meters above the building roof

Noise pollution control measures:

- Personnel working near noisy machines, near D.G. Set, boiler shall be provided with well designed ear muffs/ ear plugs.
- Cabins in process units and in plant shall be provided with automatic door closers.
- Noise generating sources & their platforms shall be maintained properly to minimize noise & vibrations generated by them.
- Attempts shall be made to restrict high noise operations Viz. restarting after shut down etc. during day time to reduce community annoyance.
- Noise barriers in the form of trees are recommended to be grown around administrative blocks, technical site office and other such units.
- Training of personnel is recommended to generate awareness about effects of noise.

3. The proposal has been considered by SEIAA in its 26th and 30th 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) This clearance is subject to conditions stipulated in MoEF office memorandum J-11013/5/2010-IA-II(I) dated 26th October, 2010.

(ii) "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.

(iii) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.

(iv) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

(v) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.

(vi) Regular monitoring of the air quality, including SPM & SO2 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.

(vii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.

(viii) Arrangement shall be made that waste water and storm water do not get mixed.

(ix) 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.

(x) 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.

(xi) 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.

(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.

(xvi) 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.

(xvii) 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.
- Use of "Closed Feed" system into batch reactors.

(xviii) 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.

(xix) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(xx) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.

(xxi) Separate silos will be provided for collecting and storing bottom ash and fly ash.

(xxii) 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

(xxiii) 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://envis.maharashtra.gov.in

(xxiv) 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.

(xxv) 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.

(xxvi) 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_2, NOx (ambient levels as well as stack emissions) or critical sectorai 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.

(xxvii) 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.

(xxviii) 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.

(xxix) 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 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.

5. **Validity of Environment Clearance**: The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.

6. 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.

7. 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.

8. Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30days as prescribed under Section 11 of the National Environmental Appellate Act, 1997.

(Valsa R Nair Singh)
Secretary,Environment
department & MS, SEIAA

Copy to:

1. Shri. Ashok Basak, IAS (Retd.), Chairman, SEIAA, 502, Charleville, 'A' Road, Churchgate, Mumbai- 400 020, Maharashtra.
2. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEAC, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerla.
3. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
4. 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).
5. Regional Office, MPCB, Thane.
6. Collector, Thane.
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).