

File No. J-11011/293/2015-IA-II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(IA Division)

Indira Paryavaran Bhawan
Agni Wing, Jor Bagh Road,
New Delhi -110003

Dated 7th July, 2022

To

M/s Balaji Speciality Chemicals Ltd.,
2nd Floor, 'Balaji Towers', No. 9/1A/1,
Hotagi Road, Aasara Chowk,
Solapur- Maharashtra.
E-mail: ehsbal4@balajiamines.in

Sub.: Setting up of Chemical Manufacturing Unit (45,330 MTPA) at Plot No. E-8/1 MIDC Chincholi, Taluka-Mohol, District-Solapur, Maharashtra by M/s Balaji Speciality Chemicals Pvt. Ltd. - Transfer of EC from M/s Balaji Speciality Chemicals Pvt. Ltd. to M/s Balaji Speciality Chemicals Ltd.


Sir,

This has reference to your online proposal no. **IA/MH/IND3/273341/2022** dated 17th May, 2022 regarding transfer of environmental clearance granted by Ministry vide letter dated 7.3.2017 to the above project, from M/s Balaji Speciality Chemicals Pvt. Ltd. to M/s Balaji Speciality Chemicals Ltd.

2. M/s Balaji Speciality Chemicals Ltd. submitted Certificate of Incorporation consequent upon conversion from Private Company to Public Company bearing CIN: U24299PN2010PLC137162 regarding change of the company name from M/s Balaji Speciality Chemicals Pvt. Ltd. to M/s Balaji Speciality Chemicals Ltd. effective from 17.03.2022.

3. In view of the above, as per the relevant provisions of the EIA Notification, 2006 (as amended), the environmental clearance granted vide letter No. J-11011/293/2015-IA-II (I) dated 7.3.2017 for **Setting up of Chemical Manufacturing Unit (45,330 MTPA) at Plot no. E-8/1 MIDC Chincholi, Taluka-Mohol, District-Solapur, Maharashtra to M/s Balaji Speciality Chemicals Pvt. Ltd.** is hereby transferred to **M/s Balaji Speciality Chemicals Ltd.** on the same terms and conditions under which prior environmental clearance was initially granted, and for the same validity period.

This issues with approval of the competent authority.


(Dr. Motipalli Ramesh)
Scientist 'E'
Tel. 011-20819249
Email: ramesh.motipalli@nic.in

Copy to: -

1. Secretary, Department of Environment and Forest, Govt. of Maharashtra, Secretariat, Mumbai
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur-440001
3. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
4. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001
5. Chief Wildlife Warden, Govt. of Maharashtra, Van Bhawan, Police Gym Khana, Ramgiri Road Nagpur-440001
6. Chairman, Maharashtra Pollution Control Board, Kalpatru Point, Sion Circle, Sion (East), Mumbai-400 022, Maharashtra.
7. District Collector Solapur District, Maharashtra
8. Guard File/Monitoring File/PARIVESH Portal

Ramesh

(Dr. Motipalli Ramesh)
Scientist 'E'

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F. No. J-11011/293/2015-IA-II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road,
New Delhi - 110 003

Telefax: 011-24695365
E-mail: yogendra78@nic.in

Dated: 07th March, 2017

To,

The Director
M/s Balaji Speciality Chemicals Pvt. Ltd
Plot No.: E - 8/1, MIDC Chincholi,
Taluka: Mohol, District: Solapur,
Maharashtra

Sub: Setting up of Chemical Manufacturing Unit (45,330 MTPA) at Plot no. E-8/1, MIDC Chincholi, Tal - Mohol, Dist. Solapur, Maharashtra by M/s Balaji Speciality Chemicals Pvt. Ltd. - Environmental Clearance - reg.

Ref: Online Proposal No. IA/MH/IND2/33537/2015 dated 19th September, 2016.

Sir,

This has reference to your online proposal No. IA/MH/IND2/33537/2015 dated 19th September, 2016 along with project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report regarding the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that the proposal is for Setting up of Chemical Manufacturing Unit (45,330 MTPA) at Plot no. E-8/1, MIDC Chincholi, Tal - Mohol, Dist. Solapur, Maharashtra by M/s Balaji Speciality Chemicals Pvt. Ltd (earlier known as M/s Balaji Benzochem Pvt. Ltd.). As informed and as per the documents submitted by the project proponent (PP), the total plot area is 41920 m² of which greenbelt will be developed in an area of 7842 m² (33%). The cost of project is Rs. 96.20 Crore. It is reported that the Great Indian Bustard sanctuary is located within 5 km from the proposed project site. No other national parks/Reserve Forest (RF)/Protected Forests (PF), Biosphere Reserves, Tiger/Elephant Reserves, lies within 10 km distance from the project site. The company proposed to manufacture following products in the unit:

S.No.	Name of Product	Quantity (Mt/M)	Quantity(Mt/Yr)
1.	Ethylenediamine (EDA)	3,112.5	37,350
2.	Piperzine (PIP)	337.5	4,050
3.	Diethylenetriamine (DETA)	262.5	3,150
4.	Aminoethylpiperzine/ Hydroxyethylpiperzine/ Aminoethylethanolamine	37.5	450
5.	Mixture of Higher Amines	27.5	330
	Total	3,777.5	45,330

G. I. D.

3. All Synthetic Organic Chemicals Industry located inside the notified industrial area/estate are listed at S.N. 5(f) under category 'B'. However, considering the General Condition, i.e. location of project site within 5 km of the Protected Areas notified under Wild Life (Protection) Act, 1972 (GIB sanctuary), the project is categorized under Category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).
4. The project proposal was considered by the Expert Appraisal Committee (Industry-2) in its 4th meeting held during 11th-12th February, 2016 and awarded Terms of Reference (TOR) for preparation of EIA-EMP report. The TOR was issued by Ministry vide letter dated 05th April, 2016.
5. The EAC (Industry-2) in its 16th meeting held during 08th- 09th December, 2016 has considered the proposal for environmental clearance. The Project Proponent and the accredited consultant M/s Equinox Environments (India) Private Limited, Kolhapur gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken, as per Terms of References (TORs) awarded in the 4th EAC meeting held during 11th-12th February, 2016.
6. The project proponent has submitted a letter dated 21.09.2016 regarding name change. The PP has submitted copy of certificate from Registrar of Companies, Pune dated 14th March, 2016 regarding change in name. The EAC has considered the change of name to M/s Balaji Speciality Chemicals Pvt. Ltd. from M/s Balaji Benzochem Pvt. Ltd.
7. The public hearing was exempted under para 7(i) III stage (3) (i) (b) of the EIA Notification, 2006 as proposed project is located in MIDC Chincholi, Taluka Mohol, District Solapur, Maharashtra.
8. Two coal fired boiler having capacities 25TPH and 50 TPH will be installed and provided with bag filter and Electrostatic Precipitator (ESP) as pollution control device and connected with stacks of 45 m and 56 m height.
9. Fresh water will be supplied by MIDC. Water requirement shall be 2252.2 m³/day. Against this, a quantity of 238.2 m³/day of wastewater will be generated. Wastewater will be segregated into two streams as stream-I and Stream-II. The Stream - I effluent generated would be treated in Forced Evaporation System and the residue would be forwarded to CHWTSDF. The Stream - II effluent would be treated in Effluent Treatment Plant comprising of Neutralization Tank, Settling Tank, Reverse Osmosis Plant and then would be sent to Multiple Effect Evaporation System thereby achieving Zero Discharge. The residue after evaporation would be sent to CHWTSDF.
10. Boiler ash will be sold to registered brick manufacturing unit. Scrape material, carboys plastic, drums etc will be sold to the authorized recycler. Hazardous waste will be handled as per the hazardous waste management rules. Spent carbon, catalyst and ETP sludge will be sent to common disposal facility.
11. The EAC, in its 16th meeting held during 08th- 09th December, 2016, has found that the final EIA/EMP report submitted by the PP is adequate. The EAC after detailed deliberations, on the basis of the information and presentation made by the PP, has recommended the project for environmental clearance with certain conditions.
12. Based on the proposal and information submitted by the Project Proponent, and based on the recommendation by the Expert Appraisal Committee (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th

September 2006, subject to the compliance of the following Specific and General Conditions:

A. Specific Conditions:

- i) Recommendations of SC NBWL have to be obtained.
- ii) Regular monitoring of Volatile Organic Compounds (VOCs) should be carried out.
- iii) Two coal fired boiler having capacities 25TPH and 50 TPH shall be installed and provided with bag filter and Electrostatic Precipitator (ESP) as pollution control device and connected with stacks of 45 m and 56 m height.
- iv) Fugitive emissions in the work zone environment, product, raw materials storage area etc. should be regularly monitored.
- v) Wet scrubber should be provided to control process emissions.
- vi) Total fresh water requirement from MIDC supply should not exceed 2252.2 m³/day and prior permission should be obtained from the MIDC. Water consumption shall be reduced after one year assessment of the R& D of the new project.
- vii) Wastewater shall be segregated into two streams as stream-I and Stream-II. The Stream - I effluent generated would be treated in Forced Evaporation System and the residue would be forwarded to CHWTSDF. The Stream - II effluent would be treated in Effluent Treatment Plant comprising of Neutralization Tank, Settling Tank, Reverse Osmosis Plant and then would be sent to Multiple Effect Evaporation System thereby achieving Zero Discharge.
- viii) Unit shall be based on Zero Liquid discharge system.
- ix) The company should obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from PCB should be obtained for disposal of solid/hazardous waste in the TSDF. Measures should be taken for fire fighting facilities in case of emergency.
- x) Boiler ash will be sold to registered brick manufacturing unit. Scrape material, carboys plastic, drums etc will be sold to the authorized recycler. Hazardous waste will handled as per the hazardous waste management rules. Spent carbon, catalyst and ETP sludge will be sent to common disposal facility.
- xi) Green belt over 13833.6 m² area should be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO; indigenous plant species like Seseam, Teak wood shall be preferred.
- xii) Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.
- xiii) At least 2.5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Nagpur. As committed, implementation of such program should be ensured in a time bound manner.
- xiv) Continuous online (24 x7) monitoring to be installed. Data to be uploaded on company's website and provided to the respective RO, MoEF&CC, Central Pollution Control Board (CPCB) and State Pollution Control Board (SPCB).

B. General Conditions:

- i. The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board, State Government and any other statutory authority.




- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- v. The overall noise levels in and around the plant area 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 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- vii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- viii. The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.
- ix. The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.
- x. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xii. The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.
- xiii. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.
- xiv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

- xv. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- xvi. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- xvii. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

13. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.


14. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

15. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


7.3.2017
(Yogendra Pal Singh)
Scientist 'D'

Copy to:-

1. The Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032.
2. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur - 440001.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 110 032.
4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai - 400 022.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor Bagh, New Delhi- 110 003.
6. Guard File/Monitoring File/Website/Record File.


7.3.2017
(Yogendra Pal Singh)
Scientist 'D'