



# BHANSALI ENGINEERING POLYMERS LIMITED

CIN : L27100MH1984PLC032637

Registered Office : 401, 4th Floor, Peninsula Heights, C. D. Barfiwala Road, Andheri (West), Mumbai - 400 058.

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Ref: BEPL/SEC/2021/119

21<sup>st</sup> September, 2021

<p>To, <b>The BSE Limited</b> Corporate Relationship Department, Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai - 400 001</p> <p><b>Security Code : 500052</b></p>	<p>To, <b>National Stock Exchange of India Limited</b> Exchange Plaza, C - 1, Bandra- Kurla Complex, Bandra (East), Mumbai- 400 051</p> <p><b>Security Code : BEPL</b></p>
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**Sub: Disclosure under Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 – Environmental Clearance.**

Dear Sir/Madam,

With reference to the captioned subject, we wish to inform you that, Bhansali Engineering Polymers Limited ("Company") has received Environmental Clearance from the Impact Assessment Division of Ministry of Environment, Forest and Climate Change, Government of India, under the provisions of the EIA Notification, 2006, for Expansion of High Rubber Graft – HRG (Rubber Rich ABS) unit from 15000 TPA to 50000 TPA for Company's Satnoor Plant located at Bhansali Nagar, Taluka Sausar, District Chhindwara, Madhya Pradesh. The same is subject to compliance of certain terms and conditions as mentioned in the letter, copy of which is enclosed.

Request you to take the above information on records.

Thanking you,

Yours faithfully,

**For Bhansali Engineering Polymers Limited**


**Ashwin M. Patel**  
Company Secretary & GM (Legal)



Encl: As above.



By Speed Post/Online

**F. No. J-11011/391/2017-IA-II(I)**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Impact Assessment Division)**

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Indira Paryavaran Bhawan  
Jorbagh Road, New Delhi - 110003

**Dated: 16<sup>th</sup> September, 2021**

To,

**M/s Bhansali Engineering Polymers Limited**  
Bhansali Nagar, Taluka Sausar  
District Chhindwara,  
Madhya Pradesh – 480 108

Email: [mcmbepl@bhansaliabs.com](mailto:mcmbepl@bhansaliabs.com)

**Sub: Expansion of High Rubber Graft-HRG (Rubber Rich ABS) unit from 15000 TPA to 50000 TPA at Satnoor Plant, Bhansali Nagar, Taluka Sausar, District Chhindwara, Madhya Pradesh by M/s Bhansali Engineering Polymers Limited- Environmental Clearance – regarding.**

Sir,

This has reference to your proposal No. IA/MP/IND3/220340/2017, dated 16<sup>th</sup> July 2021 submitting the EIA/EMP report and further letter dated 21.08.2021 on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Expansion of High Rubber Graft-HRG (Rubber Rich ABS) unit from 15000 TPA to 50000 TPA by M/s Bhansali Engineering Polymers Limited at Satnoor Plant, Bhansali Nagar, Taluka Sausar, District Chhindwara, Madhya Pradesh.

3. The details of products and capacity are as under:

Product	Existing	Proposed	Total
High Rubber Graft -HRG (Rubber rich ABS)	15,000 TPA	35,000 TPA	50,000 TPA

4. It is reported that the existing land area is 357750 sqm. and no additional land will be acquired for the proposed expansion. Industry has developed 125200 sqm and additionally will develop 74800 sqm (total 200000 sqm), covering 55.9 % of total project area. The estimated project cost is Rs.132.70 crores for expansion. Total capital cost earmarked towards environmental management plan/pollution control measures is Rs. 10 crores and the recurring cost (operation and maintenance) will be about Rs. 3 crores per annum. The project will lead to employment for 277 persons directly & 100 persons indirectly after expansion. Industry proposes to allocate Rs. 133 lakhs towards Corporate Environmental Responsibility.

5. It is reported that there are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, and Wildlife Corridors etc. within 10 km of the project site. Kanhan River is flowing at a distance of 4.8 km in ENE direction.
6. It is noted that the total water requirement is estimated to be 1952 cum/day (Existing 592 cum/day, proposed 1360 cum/day), which includes which fresh water requirement of 1516 cum/day, proposed to be met from Kanhan River. Effluent of 1078 cum/day quantity will be treated through ETP of 1300 cum/day. The plant will be based on Zero Liquid discharge system.
- Power requirement after expansion will be 4000 KVA including existing 1300 KVA and will be met from Madhya Pradesh Poorva Kshetra Vidyut Vitaran Co. Existing unit has 1x1250 KVA, 2x500 KVA DG sets of capacity, additionally 4x1250 KVA DG set will be used as standby during power failure. Stack (height 15m) will be provided as per CPCB norms to the proposed DG set.
- Existing unit has 6 TPH Coal fired boiler. Additionally, 2X15 TPH Coal fired boiler will be installed. Multi cyclone separator/ bag filter with a stack of height of 30 m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm<sup>3</sup> for the proposed boilers. After proposed expansion 2X15 TPH boiler will be installed and Existing boiler 6 TPH will be used as standby. Details of flue gas stacks, process gas stacks, solid waste/hazardous waste disposal of the unit are as per the plan provided in the EIA/EMP report and as deliberated in the EAC.
7. The project/activities are covered under Category 'A' of item 5(f) 'Synthetic Organic Chemicals Industry' of the Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal at Central Level by the Expert Appraisal Committee (EAC) in the Ministry.
8. The terms of reference (ToR) for the project was issued by the Ministry vide letter dated 25<sup>th</sup> September, 2017 based on the recommendations of the EAC (Industry-2) in its meeting held on 18-20 September, 2017. Public hearing for the project was conducted by the State Pollution Control Board on 6<sup>th</sup> March, 2021, which was presided over by the Additional District Magistrate. The main issues raised during the public hearing are related to employment to local people, ground water quality, dust emission along roads, CSR activities, development of related villages. The project proponent has informed that there are no litigation pending against the proposal.
9. The project had obtained EC earlier on 01.07.1995 to the existing project for expansion of production capacity of manufacturing of Acrylonitrile Butadiene Styrene (ABS) from 6000 TPA to 15000TPA from Directorate of Industries (State Level Inter Departmental Environmental Clearance Committee), Madhya Pradesh in favour of M/s Bhansali Engineering Polymers Limited. The **certified compliance report** (CCR) has been forwarded by the Integrated Regional Office, MoEFCC, Bhopal, vide letter no. F. No. 5-1/2021 (ENV)/488, dated 28.06.2021 after conducting site inspection on 02.06.2021. The Committee deliberated the CCR and found in order.
10. The proposal was considered by the **Expert Appraisal Committee (Industry-3 Sector) in its meeting held on 10-11 August, 2021 and 1-2 September, 2021** in the Ministry through video conferencing, wherein the project proponent and the accredited consultant M/s Anacon Laboratories Pvt Ltd presented the EIA/EMP report as per the ToR.

The EAC, constituted under the provision of the EIA Notification, 2006 comprising Experts Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The Committee noted that the EIA/EMP reports are in compliance of the ToR issued for the project, considering the present environmental status and the projected scenario for all the environmental components. The Committee found the baseline data and incremental GLC due to the proposed project within the NAAQ standards. The Committee also deliberated on the activities/action plans and found them addressing issues raised in the public hearing. The Committee suggested that the storage of toxic/explosive raw materials shall be in bare minimum quantity and inventory. The Committee deliberated on the greenbelt development in the unit complex and suggested PP to develop greenbelt in at least 33% areas around the periphery of the complex. The Committee suggested that the greenbelt development shall be taken up actively by the PP and trees shall be planted considering 2m x 2m ratio.

The Committee noted that the project proponent had obtained EC earlier vide letter dated 1<sup>st</sup> July, 1995 from the State Government for the existing project. The certified Compliance Report of existing EC forwarded by the Ministry's IRO, Bhopal and latest action taken report found to be satisfactory. The Committee noted that the project proponent has submitted conservation plan with a budget of Rs. 4.68 lakhs, and found it to be satisfactory. The Committee opined that the project proponent shall explore utilization of cleaner fuels like natural gas/briquettes in the unit, and coal may be utilized during emergency. The Committee found the additional information submitted by the project proponent to be satisfactory and addressing to the concerns of the Committee.

Subsequent to recommendation of the EAC (Industry-3) in its meeting held on 10-11 August, 2021, the project proponent vide letter dated 21st August, 2021 has requested for amendment in the minutes of the meeting. The EAC in its meeting held on 1-2 September, 2021 made detailed deliberations on the proposal. The Committee noted that the project proponent is not inclined to accept the concept of Zero Liquid Discharge and in turn requested for use of treated effluents complying with the discharge norms as per CTO, for irrigation/horticulture/gardening/greenbelt development within the plant premises. The Committee noted that the project proponent has submitted effluent quality parameters and PP justified that the treated water is meeting the norms for irrigation. The Committee also deliberated on the solvent management system and accepted the suggestions of the PP. The Committee however did not accept the changes proposed by the PP regarding greenbelt development as the PP has not shown interest in proper greenbelt development during the present monsoon season and reiterated the earlier recommendations.

The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.

11. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

12. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-3), Ministry of Environment, Forest and Climate change hereby accords **Environmental clearance to the project for Expansion of High Rubber Graft-HRG (Rubber Rich ABS) unit from 15000 TPA to 50000 TPA by M/s Bhansali Engineering Polymers Limited at Satnoor Plant, Bhansali Nagar, Taluka Sausar, District Chhindwara, Madhya Pradesh**, under the provisions of the EIA Notification, 2006 subject to compliance of terms and conditions as under:-

**A. Specific Conditions:**

- (i) The company shall 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.
- (ii) The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEFCC in this regard.
- (iii) As already committed by the project proponent, Zero Liquid Discharge (ZLD) shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent, meeting the irrigation standards as notified by the concerned State Irrigation Department and approved by the SPCB, may be used for gardening/greenbelt development/horticulture purpose. The implementation and analysis report shall be submitted to the IRO, MoEFCC for its compliance.
- (iv) Continuous online (24x7) monitoring system for stack emissions shall be installed for the measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB servers. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

- (v) Natural gas/briquettes/cleaner fuels shall be used in the unit and use of coal shall be restricted to emergency purpose.
- (vi) The storage of toxic/hazardous raw material shall be bare minimum with respect to their quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.
- (vii) Occupational health centre for surveillance of the workers' health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (viii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall also be provided to employees.
- (ix) The unit shall make arrangement for the prevention and protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. Action plan proposed shall be implemented in letter and spirit.
- (x) Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled water condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Tank farm (storage), polymerization, solvent handling, agitated areas shall be flame proof. The solvent storage tanks shall be provided with breather valves to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- (xi) Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled up to 99.97 % with effective chillers/modern technology.
- (xii) Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.
- (xiii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.
- (xiv) Total fresh water requirement shall not exceed 1516 cum/day, proposed to be met from Kanhan River. Prior permission in this regard shall be obtained from the concerned regulatory authority.

- (xv) The green belt of at least 5-10 m width shall be developed/strengthened over 33% of the total project area, mainly along the plant periphery/adjacent areas. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing. Trees have to be planted with spacing of 2m x 2m and number of trees has to be increased accordingly. The plant species can be selected that will give better carbon sequestration. The action plan proposed in this regard shall be implemented within 6 months.
- (xvi) As committed, at least Rs. 4.68 lakhs shall be allocated for conservation of Schedule I species in consultation with the Forest and Wildlife Department. The implementation report shall be submitted to the IRO, MoEFCC.
- (xvii) The activities and the action plan proposed by the project proponent to address the socio-economic/public concern and issues raised during public hearing in the study area shall be completed as per the schedule presented before the Committee and as described in the EMP report in letter and spirit.
- (xviii) A separate Environmental Management Cell (having qualified persons with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

**B. General Conditions:** The grant of environmental clearance is further subject to compliance of other general conditions as under:-

- (i). No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii). The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.
- (iii). The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (iv). 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 the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

- (v). The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (vi). 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.
- (vii). 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.
- (viii). 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 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.
- (ix). The environmental statement for each financial year ending 31<sup>st</sup> 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.
- (x). 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 and at <https://parivesh.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.
- (xi). 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.
- (xii). This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**13.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the



said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

14. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

15. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

16. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

17. This issues with approval of the competent authority.

16/09/2021

(Dr. R. B. Lal)

Scientist 'E'/Additional Director

Tele-fax: 011-24695362

Email-rb.lal@nic.in

(डा. आर. बी. लाल)

(Dr. R. B. LAL)

वैज्ञानिक 'ई'/Scientist 'E'

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Min. of Environment, Forest and Climate Change  
भारत सरकार, नई दिल्ली  
Govt. of India, New Delhi

Copy to: -

1. The Deputy DGF (C), MoEF&CC Integrated Regional Office, E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal -16
2. The Secretary, Department of Housing and Environment, Government of Madhya Pradesh, Paryavaran Parisar, E- 5, Arera Colony, Bhopal, Madhya Pradesh -16
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32
4. The Member Secretary, Madhya Pradesh Pollution Control Board, E-5, Arera Colony, Paryavaran Parisar, Bhopal -16
5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
6. The District Collector, District Chhindwara (Madhya Pradesh)
7. Guard File/Monitoring File/Website/Record File/Parivesh Portal

(Dr. R. B. Lal)

Scientist 'E'/Additional Director