



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Uttar Pradesh)

To,

The SR MANAGER QA EHS
 ASIAN PAINTS LIMITED - UTTAR PRADESH
 PLOT NO. A1 B2, UPSIDC REGION, SITE V, UPSIDC, SURAJPUR,
 KASNA GAUTAM BUDDHA NAGAR -203207

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/UP/IND2/62144/1997 dated 25 Mar 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B021UP167316
2. File No.	6251
3. Project Type	Expansion
4. Category	B1
5. Project/Activity including Schedule No.	5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk
6. Name of Project	Expansion of Existing Integrated Paints & Resins / Emulsions, Adhesive and Glue Manufacturing Plant located at UPSIDC, Village Kasna, Taluka and District Gautam Buddh Nagar, Uttar Pradesh by Asian Paints Limited
7. Name of Company/Organization	ASIAN PAINTS LIMITED - UTTAR PRADESH
8. Location of Project	Uttar Pradesh
9. TOR Date	07 Feb 1997

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 14/03/2022

(e-signed)
 Member Secretary
 Member Secretary
 SEIAA - (Uttar Pradesh)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow- 226010

E-Mail- doeuplko@yahoo.com, seiaaup@yahoo.com

Phone no- 0522-2300541

Reference- MoEFCC Proposal no- SIA/UP/IND2/62144/1997 & SEIAA, U.P File no- 6251

Sub: Environmental Clearance for Proposed Expansion of Existing Integrated Paints & Resins Emulsions Manufacturing Plant located at plot no. A1, B2, UPSIDC Region-V, Village-Kasna, Taluka Dankaur, District- Gautam Buddha Nagar, U.P., Asian Paints Limited.

Dear Sir,

This is with reference to your application / letter dated 25-03-2021, 09-04-2021 & 05-07-2021 on above mentioned subject. The matter was considered by SEAC in meeting held on 30-07-2021 and SEIAA in meeting held on 30-12-2021.

A presentation was made by the project proponent along with their consultant M/s Kadam Environmental Consultants to SEAC on 30-07-2021.

Project Details Informed by the Project Proponent and their Consultant

The project proponent, through the documents and presentation gave following details about their project –

1. The environmental clearance is sought for Expansion of Existing Integrated Paints & Resins Emulsions Manufacturing Plant located at plot no. A1, B2, UPSIDC Region-V, Village-Kasna, Taluka Dankaur, District- Gautam Buddha Nagar, U.P., Asian Paints Limited.
2. Earlier APL has obtained environmental clearance from MoEF, Govt. of India for 80000 KLPA of paints vide letter no. J.11012/134/96-IA II(I) dated 29/04/1997.
3. In compliance of Hon'ble NGT order in OA No. 1038/2018 dated 19.08.2019 and MOEF&CC OM No. F. No. 22-23/2018 –IA.III dated 30th December 2019, the project was located within 5 km of severely polluted area and has obtained ToR from MoEF&CC, New Delhi vide letter no. IA-J-11011/169/2020-IA-II (I) dated 23rd July 2020.
4. Salient features of the project as submitted by the project proponent:

S. No.	Item	Details							
1	Location	Village		Kasna					
		Taluk		Gautam Buddh Nagar					
		District		Gautam Buddh Nagar					
		State		Uttar Pradesh					
		The project is located in the Industrial area notified by UPSIDC (Uttar Pradesh State Industrial Development Corporation)							
2	Total Area of Plot	96769.05 sqm. <u>Plot Allotment Letter</u>							
3	Greenbelt Area	26772.88 sq. m							
4	Existing and proposed production details		Sr. No.	Product	Unit	Existing	Proposed	Total after Expansion	

							on
		1	Paints (water based and solvent based)	KLPA	80000	40,000	1,20,000
			Resins and emulsions as intermediate for captive consumption	MTPA	36000	18000	54000
		2	Resin & Emulsions for intermediate captive consumption/sale/Inter plant transfer	MTPA	0	26000	26000
		3	Adhesives & Glue	MTPA	0	2000	2000
5	Project Cost	INR ~ 80 Crore					
6	Employment with Full capacity Operation after expansion	Existing Manpower during Operation Phase -1057					
		Proposed during construction phase – 350					
		Additional Manpower for proposed expansion - 143					
		Total Manpower after expansion during operation phase-1200					
7	Power Supply (Grid and Standby)	Supply: Uttar Pradesh Power Corporation Ltd. (UPPCL)					
		Peak Demand: ~ 3.5 MW					
8	Fuel	CNG					
9	Water Supply	Source: Ground water					
10	Water Requirement	330 KLD					
11	Waste Water Generation after expansion	Total: 159 KLD Domestic: 99 KLD Industrial: 60 KLD					
12	Wastewater Management / Disposal	The domestic water and effluent generated from the unit will be treated in 200 KLD ETP capacity of plant and treated water is completely recycled and reused in cleaning activity, toilet flushing and gardening.					
13	Solid / Hazardous Waste Management	Industrial wastes like process waste/ residue/ paint sludge will be stored in designated place in factory premises and disposed off through TSDF as a land filling or incineration					
14	Proposed Air Pollution Control Equipment	Adequate stack height will be provided for all flue gas stacks in order to disperse the flue gases effectively. Dust collection and fine particle filtration systems will be installed to trap the particulate matter Stack emission quality will be maintained as per the UPPCB/CPCB norms. Process vents- closed loop operations in Emulsion					

		Manufacturing plant Dust Extraction System is used to capture fugitive emissions of fine particulate matter from powder charging Fume Extraction system with scrubber
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5. Area breakup:

S. No.	Category	Existing area (sqm)	%	Proposed Area (sqm)	%
1	Processing Area	9661.23	9.98%	9469.55	9.79%
2	Material Storage Area Incl. Tank Yards	18740.23	19.37%	18740.03	19.37%
3	Utility Area	2613.23	2.70%	2645.06	2.73%
4	Fire Hydrant	1075.02	1.11%	1075.02	1.11%
5	ETP Area	3723.72	3.85%	2864.32	2.96%
6	Office Area	949.96	0.98%	949.96	0.98%
7	Distribution Center	4279.43	4.42%	4279.43	4.42%
8	Engg Stores	436.15	0.45%	436.15	0.45%
9	Contractor Shed, Scrap Yard & Gol Ghar	727.59	0.75%	563.74	0.58%
10	Parking	785.37	0.81%	785.37	0.81%
11	Roads, Ramp & Paved Area	27004.24	27.91%	24501.81	25.32%
12	Green Area	26772.88	27.67%	26772.88	27.67%
13	Proposed expansion area	0	0.00%	3685.73	3.81%
Grand Total		96769.05	100.00%	96769.05	100.00%

Remark: Additional 16000 sqm area has been acquired by APL for Greenbelt development nearby and with that total green area with respect to existing plant premises will become more than 40%

6. Raw material details:

S. No.	Chemical	State	Means of Transportation
Existing Raw Material			
1	Resin RM	Liquid, Powder	By road
2	Solvent	Liquid	By road
3	Pigment	Liquid, Powder	By road
4	Additives	Liquid, Powder	By road
5	Monomer	Liquid	By road
6	Oil	Liquid	By road
7	Extender	Powder	By road
Existing Product			
1	Paints	Liquid	By road
After Expansion Raw Material			
1	Resin RM	Liquid, Powder	By road
2	Solvent	Liquid	By road
3	Pigment	Liquid, Powder	By road
4	Additives	Liquid, Powder	By road
5	Monomer	Liquid	By road
6	Oil	Liquid	By road
7	Extender	Powder	By road
After Expansion Products			
1	Paints	Liquid	By Road
2	Adhesives & Glue	Liquid	By Road

7. Water consumption details:

Sr. No.	Description	Fresh Water Consumption in Existing - KLD	Recycled Water (Treated water from ETP) - KLD	Fresh Water Consumption in Proposed - KLD (Difference only)	Total Fresh Water Consumption after Proposed Expansion - KLD	Recycled Water (Treated water from ETP & ZLD) after Proposed Expansion - KLD	Total Fresh + Recycled water after Proposed Expansion - KLD
1	Domestic	100	0	30	130	0	130
2	Cooling Tower	65	39	-31	34	105	139
3	Process	84	0	13	97	15	112
4	Boiler	12	0	0	12	0	12
5	Washing of vessels	12	0	6	18	8	26
6	Gardening and Cleaning Activities	0	55	39	39	0	39
Total Water Consumption		273	94	57	330	128	458

8. Hazardous waste:

Hazardous Waste Category Description	Quantity per Year (MT)		
	Existing	Proposed	Total after expansion
Cargo residue, washing water and sludge containing oil (Tank Bottom Sludge)	6	0	6
Sludge and filters contaminated with oil	7	0	7
Used or Spent oil	35	20	55
Discarded Asbestos	2	0	2
Contaminated aromatic, aliphatic or napthenic solvents may or may not be fit for use (waste Solvent)	42	0	42
Distillation Residue	30	0	30
Process wastes, residues and sludges	175	0	175
Wastes or residue (Waste Resin/ Emulsion/ Filter Aid))	75	0	75
Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (Waste Pigment Bags)	125	-20	105
Chemical-containing residue arising from decontamination	5	0	5
Sludge from treatment of wastewater arising out of cleaning/disposal of barrels/containers	30	0	30
Exhaust air or gas cleaning residue	2	0	2

Spent ion exchange resin containing toxic metals	3	0	3
Chemical Sludge from waste water treatment	220	0	220
Oil and grease skimming	10	0	10
Spent Carbon or filter medium	2	0	2
Ash from incinerator and flue gas cleaning residue	25	0	25

9. The project proposal falls under category 5 (h) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 30-07-2021 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held 30-12-2021 and decided to grant the Environmental Clearance for proposed project along with subject to the effective implementation of the following conditions:-

1. ***In compliance of Hon'ble Court orders CNG based generator should be installed instead of diesel generator sets for power backup.***
2. ***Plantation should be proposed as per Miyawaki method i.e. planting different types of trees at very close intervals which give a good green cover. A total of 33% of the plot area should be designated for green belt which should be raised along the boundaries of the plot with minimum of 03 mt width along the periphery in organized manner.***
3. ***Statutory compliance:***
 1. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule species in the study area).
 4. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
 5. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
 6. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989
4. ***Air quality monitoring and preservation:***
 1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL

accredited laboratories.

2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2s in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
 4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
 5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
 6. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July , 2010 and amended from time to time shall be followed.
 7. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
5. *Water quality monitoring and preservation:*
1. The project proponent shall provide 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 (applicable in case of the projects achieving ZLD)
 2. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
 3. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
 4. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
 5. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
 6. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
 7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.

6. *Noise monitoring and prevention :*

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
2. 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.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during nighttime

7. *Energy Conservation measures:*

1. The energy sources for lighting purposes shall preferably be LED based.

8. *Waste management:*

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
3. 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

9. *Green Belt:*

1. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

10. *Safety, public hearing and human health issues:*

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. 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.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of

temporary structures to be removed after the completion of the project.

6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

11. *Corporate Environment Responsibility:*

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation /violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

12. *Miscellaneous:*

1. Hazardous waste incinerator should be strictly used
2. Raw material handling should be done in such a way that no fugitive emission and spillage should take place
3. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent 's website permanently.
4. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies , Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
5. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website

and update the same on half-yearly basis.

6. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
7. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
8. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9. The project proponent 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, commencing the land development work and start of production operation by the project.
10. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
12. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
13. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17. 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.
18. Any appeal against this EC 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.

Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Moradabad. In case of violation; it would not be effective and would automatically be stand cancelled.

The project proponent has to ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of the violation this permission shall automatically be deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically be deemed to be cancelled.

Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.

Copy, through email, for information and necessary action to –

1. **The Principal Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – soenvups@rediffmail.com)**
2. **Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, 3rd Floor, Prithvi-Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 (email – sudheer.ch@gov.in)**
3. **Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector “H”, Aliganj, Lucknow – 226020 (email – rocz.lko-mef@nic.in)**
4. **District Magistrate G.B. Nagar.**
5. **Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – ms@uppcb.com)**
6. **Copy to Web Master for uploading on PARIVESH Portal.**
7. **Copy for Guard File.**

(Ajay Kumar Sharma)
Member Secretary, SEIAA