

(3) EIA project list India

Table: Categorization of Projects					
	Activity	Category with Threshold limit			Conditions if any
		A	B1	B2	
(1)	(2)	(3)	(4)	(5)	(6)
1(a) i	Mining of Minerals	>100 ha. of mining lease area in respect of major and minor minerals except coal. 150 ha of mining lease areas in respect of coal 'Asbestos mining irrespective of mining area.	≤100 ha of mining lease area in respect of major minerals except coal. >25 ha and ≤100 ha of mining lease area in respect of minor minerals ≤150 ha of mining lease area in respect of coal mine lease	<25 ha of mining lease area including cluster situation in respect of minor minerals	General Conditions shall apply except: (i) for project or activity of mining of minor minerals of Category 'B2' (up to 25 ha of mining lease area); (ii) for project or activity of mining of minor minerals of Category 'B1' in case of cluster: of mining lease area; and (iii) River bed mining projects on account of inter-state boundary. Note: (1) Mineral prospecting is exempted; (2) The prescribed procedure for environmental (3) Any increase in mining lease area and or production capacity shall be treated as expansion.
1(a) ii	Slurry pipelines (coal, lignite and other ores) passing through national parks / sanctuaries / coral reefs, ecologically sensitive areas.	All the projects	--	--	--
1 (b)	Offshore and Onshore Oil & Gas Development and Production {includes infrastructure facilities e.g. Gas Collecting/Gathering Station, Early production. Systems, pipelines, etc).	All the projects	--	--	--
1(c) i	River Valley Power	≥75 MW hydroelectric power generation;	< 75 MW ≥ 25 MW hydroelectric power generation;	--	General Condition shall apply Note: - power Category 'B1' river valley projects falling in more than one state shall be appraised at the Central Government Level.
1(c) ii	Irrigation projects	≥50,000 ha. of culturable command area	≥10,000 ha and < 50,000 ha of culturable command area	≥2000 ha and < 10,000 ha of culturable command area	General Condition shall apply Note: (1) Change in irrigation technology having environmental benefits (e.g. from flood irrigation to Drip irrigation etc.) by an existing-project; leading to increase in Culturable Command Area but without increase in dam height and submergence, will not require amendment/ revision of environmental clearance. (2) Minor Irrigation system (≤ 2000 Ha of culturable command area) are

					<p>exempted from requirement of environmental clearance.</p> <p>(3) The proposals pertaining to medium irrigation system (>2000 and < 10,000 ha of culturable command area) required to prepare EMP.</p>
1(d)	Thermal Power plants	<p>≥500 MW (coal/ lignite/ naphtha & gas based)</p> <p>≥100 MW (all other fuels).</p>	<p>≥ 5 MW and < 500 MW (coal/ lignite/ naphtha & gas based);</p> <p>≥ 5 MW and < 100 MW (all other fuels except biomass and municipal solid non-hazardous waste);</p> <p>>15 MW and <100 MW (using municipal solid non-hazardous waste/ biomass as fuel).</p>	--	<p>General Condition shall apply.</p> <p>Note:</p> <p>(1) Thermal Power Plants up to 15 MW based on biomass or non-hazardous municipal solid waste using auxiliary fuel such as coal, lignite petroleum products up to 15% are exempt. Waste.</p> <p>(2) Thermal Power plants using waste heat recovery boilers (WHRB) without any auxiliary fuel are exempted from requirement of prior environmental clearance.</p>
1(e)	Nuclear Power projects and processing of nuclear fuel	All projects	--	--	--
2(a)	Coal washeries	≥1 million ton/annum throughput of coal	<1 million ton/annum throughput of coal	--	<p>General Condition shall apply</p> <p>Note: 1) If Coal washery is located within mining lease area, the proposal shall be appraised together with the mining proposal.</p>
2(b)	Mineral Beneficiation (including chemical processing of ores)	≥1.0 million TPA throughput	<1.0 million TPA throughput		<p>General Condition shall apply</p> <p>1) If Mineral Beneficiation plant located within mining lease area the proposal shall be appraised together with the mining proposal.</p> <p>2) Micro and Small units as defined in MSME Act from time to time are exempted from requirement of prior environmental clearance.</p>
2(c)	Pellet plants/ Briquetting plants/ agglomeration units	≥1.0 million TPA	<1.0 million TPA		<p>General Condition shall apply.</p> <p>Note:</p> <p>Micro and Small units as defined in MSME Act from time to time are exempted from requirement of prior environmental clearance.</p>
3 (a)	Metallurgical industries (ferrous and nonferrous)	<p>a) Primary Metallurgical industry- All projects</p> <p>b) Sponge iron manufacturing : ≥200 TPD.</p> <p>c) Secondary metallurgical processing Industry: All toxic and heavy metal producing units ≥20,000 TPA</p>	<p>a) Sponge iron manufacturing: <200 TPD)</p> <p>b) Secondary metallurgical processing Industry:</p> <p>(1) All toxic and heavy-metal producing units < 20,000 TPA.</p> <p>(2) All other non-toxic secondary metallurgical processing Industry > 5000 TPA</p>	All non-toxic secondary metallurgical processing industrial units, those projects involving operation of furnaces only such as induction and electric arc furnace, submerged arc furnace, and cupola with capacity more than 30,000 TPA but less than	<p>General Conditions shall apply</p> <p>Note:</p> <p>i) The recycling industrial units authorized under the HSM Rules are exempted from requirement of prior environmental clearance.</p> <p>ii) In case of secondary metallurgical processing industrial units, those projects involving operation of furnaces only such as induction and electric arc furnace, submerged arc furnace, and cupola with capacity less than 30,000 TPA are exempted from requirement of prior environmental clearance.</p> <p>iii) Standalone rolling mills and forging units 500 TPD are exempted from requirement of prior environmental clearance.</p>

				60,000 TPA and located within Industrial estates or parks (item 7(c) of the Schedule) approved by the concerned authorities. Medium units as defined in MSME Act, from time to time.	iv) Micro and small units as defined in MSME Act from time to time are exempted from requirement of prior environmental clearance.
3 (b)	Cement plants and Cement Grinding units	≥1.0 million tonnes/annum production capacity	<1.0 million tonnes/annum production capacity. .> 1.0 MTPA stand-alone grinding units.	Stand-alone grinding / blending units up to 1 MTPA. All standalone grinding units in case of transportation of raw material and finished product proposed through rail mode. Medium units as defined in MSME Act from time to time.	General conditions shall apply. Note: 1. Fuel for cement industry may be coal, pet-coke, mixture of coal and pet-coke and co-processing of waste provided it meets the emission standards. 2. Change in product mix OPC, EPC, PSC, Masonry cement or any other type of cement within the sanctioned environmental clearance capacity is permitted 3. Micro and Small units as defined in MSME Act from time to time are exempted from requirement of prior environmental clearance.
3(c)	Lead acid battery manufacturing (excluding assembling and charging of lead acid battery)	--	All projects	--	General Condition shall apply
4(a)	Petroleum refining industry	All projects	--	--	--
4(b) i	Coke oven plants / calcinations plant	≥2,50,000 tonnes/annum	<2,50,000 & ≥25,000 tonnes/annum	--	General conditions shall apply
4(b) ii	Coaltar processing units	--	All projects	--	General conditions shall apply
4(c)	Asbestos milling and asbestos based products	All projects	--	--	--
4(d)	Chlor-alkali industry	≥300 TPD production capacity if a unit located outside industrial estates or parks (item 7(c) of the schedule) approved by the concerned authorities.	i) ≥300 TPD production capacity if a unit located within industrial estates or parks (item 7(c) of the schedule) approved by the concerned authorities. ii) <300 TPD and located outside a Notified Industrial Area/ Estate.	<300 TPD production capacity if a unit located within industrial estates or parks (item 7(c) of the schedule) approved by the concerned authorities.	General as well as specific conditions shall apply. No new mercury cell-based plants will be permitted and existing units converting to membrane cell technology are exempted from the Notification if provided there is no increase in the production capacity.
4(e)	Soda ash Industry	All projects	--	--	--
4(f)	Skin/hide processing	New projects outside the	All new or expansion of projects located within a	All new or expansion	General as well as specific conditions shall apply.

	including tanning industry	industrial area or expansion of existing units outside the industrial area.	notified industrial estate	projects of leather production without tanning if a unit located within industrial estates or parks (item - 7c) of 'the Schedule) approved by the concerned authorities.	
5 (a)	Chemical fertilizers	All projects except	Single Super Phosphate without H ₂ SO ₄ production).	--	General conditions shall apply. Note: 1. Stand-alone Granulation of single super phosphate powder is exempted. 2. Neem coating of fertilizers is exempted provided that the total production does not exceed the sanctioned capacity in EC plus the weight of the coating material used. 3. Fortification of fertilizers is exempted provided that the total production does not exceed the sanctioned capacity in EC plus the weight of the fortification material used.
5 (b)	Pesticides industry and pesticide specific intermediates (excluding formulations)	Located outside the notified industrial area/estate	Located in a notified industrial area/estate	--	General conditions shall apply
5 (c)	Petro-chemical complexes (industries based on processing of petroleum fractions & natural gas	All projects	--	--	--
5 (d)	Manmade fibers manufacturing	Rayon	others	--	General conditions shall apply
5 (e)	Petroleum products and petrochemical based processing such as production of carbon black and electrode grade graphite (processes other than cracking & reformation and not covered under the complexes)	Located outside the notified industrial area/estate	Located in a notified industrial area/estate	Medium units as defined in MSME Act from time to time	General as well as specific conditions shall apply. Note: Manufacturing of products from polymer granules is exempted from requirement of prior environmental clearance. Micro and Small units as defined in MSME Act from time to time are, exempted from requirement of prior environmental clearance.
5 (f)	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug	Located outside the notified industrial area/estate	Located in a notified industrial area/estate	Medium units as defined in MSME Act from time to time	General as well as specific conditions shall apply. Note: Micro and Small units as defined in MSME Act from time to time are, exempted from requirement of prior environmental clearance.

	formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)				All projects or activities involving only single unit process such as Sulphonation. Sulfation, chlorination. except nitration. (example LABSA) are exempted from requirement of prior environmental clearance.
5 (g)	Distilleries, molasses-based manufacturing units (e.g. Yeast) and bio-fuels	(i) Molasses-based distilleries \geq 100 KLD. (ii) Molasses based manufacturing units (e.g. yeast) \geq 100 TPD. (iii) Non molasses-based distilleries \geq 200 KLD.	i. Molasses-based distilleries <100 KLD. ii. Molasses based yeast manufacturing units <100 TPD. (iv) Non molasses-based distilleries \leq 200 KLD.	Country liquor based on mahua flower units up to capacity of 5 KLD. Medium units as defined in MSME Act from time to time.	General Condition shall apply. Note: Molasses based Bio-fuel plants will be treated as Molasses based distilleries. Non-Molasses based Bio-fuels will be treated as Non -Molasses based distilleries. Micro and Small units as defined in MSME Act from time to time are exempted from requirement of prior environmental clearance.
5 (h)	Integrated paint industry	--	All projects	Medium units as defined in MSME Act from time to time.	General Condition shall apply. Note: Micro and Small units as defined in MSME Act from time to time are exempted from requirement of prior environmental clearance
5(i)	Pulp & Paper Industry	Pulp manufacturing and Pulp & Paper manufacturing industry except from waste paper/ recovered paper	Pulp and Paper manufacturing from waste paper/ recovered paper	Paper manufacturing from waste paper / recovered paper/ ready pulp involving de-inking/ bleaching/ de-coloring	General Condition shall apply. Note: Paper manufacturing from waste paper/ recovered paper/ ready pulp without de-inking, bleaching and de-coloring is exempted from requirement of prior environmental clearance. Micro and Small units as defined in MSME Act from time to time are exempted from requirement of prior environmental clearance.
5(j)	Sugar Industry	--	≥ 5000 tcd cane crushing capacity	--	General Condition shall apply.
6(a)	i) LNG Terminals involving processing and transportation ii) Oil & gas transportation pipe line (crude and refinery/ petrochemical products), passing through national ____ parks /sanctuaries/ coral reefs /ecologically sensitive areas.	All projects	--	--	--

7(a)	Air Ports (terrestrial and water ports)	All projects including terrestrial airstrips, water-aerodromes which are for commercial use	--	--	Note: Air strips which do not involve bunkering/ refueling facility and or Air traffic Control, are exempted from requirement of prior environmental clearance.
7(b)	All ships breaking yards including ship breaking units	All projects	--	--	--
7(c)	Industrial estates/ parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes	If at least one industry in the proposed Industrial estate falls under the Category A, entire industrial area shall be treated as Category A, irrespective of the area. Industrial estates with area greater than 500 ha and housing at least one Category B industry.	Industrial estates housing at least one Category B industry and area < 500 ha. Industrial Estates of area > 500 ha and not housing any Industry belonging to Category A or B.	--	General as well as specific conditions shall apply. Note: 1. Industrial Estate of area below 500 ha and not housing any industry of category 'A' or 'B' does not require clearance. 2. If the area is less than 500 ha but contains building and construction projects ≥ 50,000 sq. mtr. And or development area more than 50 ha it will be treated as activity listed at serial no. 8(a) or 8(b) in the Schedule, as the case may be.
7(d)	1. Common hazardous waste treatment, storage and disposal facilities (TSDFs)	All integrated facilities having incineration & landfill or incineration alone.	All facilities having landfill only	--	General Condition shall apply.
	2. Common Bio-Medical Waste Treatment Facilities	--	All projects	--	--
7(e)	Ports, harbors, break waters, dredging	≥ 5 million TPA of cargo handling capacity (excluding fishing harbors)	< 5 million TPA of cargo handling capacity and / or ports/ harbors ≥ 10,000 TPA of fish handling capacity	--	General Condition shall apply. Note: 1. Capital dredging inside and outside the ports or harbors and channels are included; 2. Maintenance dredging is exempt provided it formed part of the original proposal for which Environment Management Plan (EMP) was prepared and environmental clearance obtained.
7(f)	Highways / Expressways/ elevated roads	i) New National Highways / Expressways/ elevated roads. ii) Expansion/ widening of existing National Highways with more than 100 km involving additional right of way or land acquisition if greater than 40m on existing	iii) State- Highway expansion projects in hilly terrain (above 1,000 m AMSL) and or ecologically sensitive areas.		

		alignments or 60 m on re-alignment / by-passes			
7(g)	Aerial ropeways	i) All projects located at altitude of 1000 mtr. and above; ii) All projects located in notified ecologically sensitive areas.	--	All projects except those covered in column (3).	--
7(h)	Common Effluent Treatment Plants (CETP)	--	All projects	--	General Condition shall apply Note: = Environmental clearance for CETPs setup for or within projects or activities which do not require environmental clearance are exempted, and if any of the existing or proposed member units of the said CETP produces or proposes to produce any product requiring environmental clearance, then the CETP shall need environmental clearance.
7(i)	Common Municipal Solid Waste Management Facility (CMSWMF) involving land filling and / or incineration	--	All projects	--	General Condition shall apply.
8(a)	Building and construction projects	--	>50,000 sq. mtrs and <1,50,000 sq. mtrs. Of built-up area		Note-1: The term "built up area" for the purpose of this notification is the built up or covered area on all the floors put together including its basement and other service areas, which are proposed in the buildings or construction projects. Note 2: The projects or activities shall not include industrial sheds. Educational institutions, hospitals and hostels for educational institutions. Note 3: General conditions shall not apply. *While there is no description about building and construction projects more than 150,000m ² , previous court cases decided these project fell under category B1. If project proponent implement these projects, please consult with SEIAA and confirm the category.
8 (b)	Townships and Area Development projects as well as industrial sheds, educational institutions hospitals and hostels for educational institutions.	--	≥1, 50, 000 sq. mtrs. of built-up area and or covering an area ≥ 50 ha.		Note: General conditions shall not apply.

Note:

The following cases shall not require prior environmental clearance, namely: -

- i. Extraction of ordinary clay or sand. manually. by the Kumhars (Potter) to—prepare earthen pots, lamp toys etc. as per their customs.
- ii. Extraction of ordinary clay or sand, manually, by earthen tile makers who prepare earthen tiles.
- iii. Removal of sand deposits on agricultural field after flood by farmers.
- iv. Customary extraction of sand and ordinary earth from sources situated in Gram Panchayat for personal use or community work in village.
- v. Community works like de-silting of village ponds or tanks, construction of village roads, ponds, bunds undertaken in Mahatma Gandhi National Rural Employment and Guarantee Schemes, other Government sponsored schemes, and community efforts.
- vi. Dredging and de-silting of dams, reservoirs, weirs, barrages, river, and canals for the purpose of their maintenance, upkeep and disaster management.
- vii. Traditional occupational work of sand by Vanjara and Oads in Gujarat vide notification number GU/90(16)/MCR-2189(68)/5-CHH, dated the 14th February, 1990 of the Government of Gujarat.
- viii. Digging of well for irrigation or drinking water.
- ix. Digging of foundation for buildings not requiring prior environmental clearance.
- x. Excavation of ordinary earth or clay for plugging of any breach caused in canal, nala, drain, water body, etc., to deal with any disaster or flood like situation upon orders of District Collector or District Magistrate.
- xi. Activities declared by State Government under legislations or rules as non-mining activity with concurrence of the Ministry of Environment, Forest and Climate Change, Government of India.

General Condition (GC):

Any project or activity specified in Category 'BI' will be appraised at the Central Level, if located in whole or in part within 5 km from the boundary of: (i) Protected Areas notified under the Wild Life (Protection) Act, 1972 (ii) Critically Polluted areas as identified by the Central Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time; (iii) Eco-sensitive areas or Eco-sensitive zones as notified under sub-section (2) of section 3 of the Environment (Protection) Act, 1986, and (iv) inter-State boundaries and international boundaries;

Provided that for River Valley Projects specified in item 1(c), Thermal Power Plants specified in item 1(d), Industrial Estates/ parks/complexes/areas, export processing zones (EPZ), Special Economic Zones (SEZs), biotech parks, leather complexes specified in item 7 (c) and common hazardous waste treatment, storage and disposal facilities (TSDFs) specified in item 7 (d), the appraisal shall be made at Central level even if located within 10 km.

Provided further that the requirement regarding distance of 5 km or 10 km, as the case may be, of the inter-State boundaries can be reduced or completely done away with by an agreement between the respective States or the Union Territories sharing the common boundary in case the activity does not fall within 5 km or 10 km, as the case may be of the areas mentioned at item (i), (ii), and (iii) above.

Specific Conditions:

If any Industrial Estate/Complex / Export processing Zones /Special Economic Zones/Biotech Parks / Leather Complex with homogeneous type of industries such as Items 4(d), 4(f), 5(e), 5(f), or those Industrial estates with pre —defined set of activities (not necessarily homogeneous, obtains prior environmental clearance, individual industries including proposed industrial housing within such estates /complexes will not be required to take prior environmental clearance, so long as the Terms and Conditions for the industrial estate/complex are complied with (Such estates/complexes must have a clearly identified management with the legal responsibility of ensuring adherence to the Terms and Conditions of prior environmental clearance, who may be held responsible for violation of the same throughout the life of the complex/estate).