

LIST OF PROJECTS OR ACTIVITIES REQUIRING PRIOR ENVIRONMENTAL CLEARANCE

Project or Activity		Category with threshold limit		Conditions if any
		A	B	
Mining, extraction of natural resources and power generation (for a specified production capacity)				
1(a)	(i) Mining of minerals	≥50 ha of mining lease area in respect of non-coal mine lease.	< 50 ha ≥5 ha of mining lease area in respect of non-coal mine lease.	General Condition shall apply. Note: Mineral prospecting is exempted.";
		>150 ha of mining lease area in respect of coal mine lease. Asbestos mining irrespective of mining area.	≤ 150 ha ≥5 ha of mining lease area in respect of coal mine lease.	
	(ii) Slurry pipelines (coal lignite and other ores) passing through national parks/ sanctuaries/ coral reefs, ecologically	<u>All projects</u>		

	sensitive areas.			
1(b)	Offshore and onshore oil and gas exploration, development & production	All projects		Note: "Seismic Surveys which are part of Exploration surveys are exempted provided the concession areas have got previous clearance for physical survey.";
1(c)	River Valley projects	(i) ≥ 50 MW hydroelectric power generation;	(i) < 50 MW ≥ 25 MW hydroelectric power generation;	"General Condition shall apply. Note: Irrigation projects not involving submergence or interstate domain shall be appraised by the SEIAA as Category 'B' Projects.";
		(ii) $\geq 10,000$ ha. of culturable command area	(ii) $< 10,000$ ha. of culturable command area	
1(d)	Thermal Power Plants	≥ 500 MW (coal/lignite/naphtha & gas based);	< 500 MW (coal/lignite/naphtha and gas based).	General Condition shall apply Note: (i) Power plants upto 15 MW, based

		≥50 MW (Pet coke diesel and all other fuels including refinery residual oil waste except biomass)., ≥20 MW (based on biomass or non hazardous municipal solid waste as fuel).";	<50 MW ≥ 5MW (Pet coke, diesel and all other fuels including refinery residual oil waste except biomass); <20 MW> 15MW (based on biomass or non hazardous municipal solid waste as fuel).";	on biomass and using auxillary fuel such as coal/lignite / petroleum products upto 15% are exempt. (ii) Power plants upto 15 MW, based on non-hazardous municipal waste and using auxillary fuel such as coal/lignite / petroleum products upto 15% are exempt. (iii) Power plants using waste heat boiler without any auxiliary fuel are exempt.";
1(e)	Nuclear power projects and processing of nuclear fuel	All projects	-	
Primary Processing				
2(a)	Coal washeries	≥ 1 million ton/annum throughput of coal	<1million ton/annum throughput of coal	General Condition shall apply. (If located within mining area the proposal shall be appraised together with the mining proposal)

2 (b)	Mineral beneficiation	≥ 0.1million ton/annum mineral throughput	< 0.1million ton/annum mineral throughput	General Condition shall apply. (Mining proposal with Mineral beneficiation shall be appraised together for grant of clearance)
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Materials Production

3(a)	Metallurgical industries (ferrous & non ferrous)	a)Primary metallurgical industry		General Condition shall apply. Note: (i) The recycling industrial units covered under HSM Rules, are exempted. (ii) In case of secondary metallurgical processing industrial units, those projects involving operation of furnaces only such as induction and electric arc furnace,
		All projects		
		b) Sponge iron manufacturing ≥ 200TPD	Sponge iron manufacturing <200TPD	
		c)Secondary metallurgical processing industry	Secondary metallurgical processing industry	
		All toxic and heavy metal producing units ≥_20,000 tonnes /annum	i.)All toxic and heavy metal producing units <20,000 tonnes /annum	

			ii.)All other non – toxic secondary metallurgical processing industries >5000 tonnes/annum	submerged arc furnace and cupola with capacity more than 30,000 tonnes per annum (TPA) would require environmental clearance. (iii) Plant / units other than power plants (given against entry no. 1(d) of the schedule) based on municipal solid Waste (non hazardous) are exempted.";
3(b)	Cement plants	\geq 1.0 million tonnes/annum production capacity	<1.0 million tonnes/annum production capacity. All Stand alone grinding units	General Condition shall apply
Materials Processing				
4(a)	Petroleum refining industry	All projects	-	-
4(b)	Coke oven plants	\geq 2,50,000 tonnes/annum	<2,50,000 & \geq 25,000 tonnes/annum	"General conditions shall apply."
4(c)	Asbestos milling and asbestos based products	All projects	-	-

4(d)	Chlor-alkali industry	≥ 300 TPD production capacity or a unit located outside the notified industrial area/ estate	(i) All projects irrespective of the size, if it is located in a Notified Industrial Area/Estate.	"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 exempt from the Notification.";
			(ii) < 300 TPD and located outside a Notified Industrial Area / Estate.	
4(e)	Soda ash Industry	All projects	-	-
4(f)	Leather/skin/hide processing industry	New projects outside the industrial area or expansion of existing units outside the industrial area	All new or expansion of projects located within a notified industrial area/ estate	"General as well as specific conditions shall apply.";
Manufacturing/Fabrication				
5(a)	Chemical fertilizers	"All projects except Single Super Phosphate.";	"Single Super Phosphate.";	-
5(b)	Pesticides industry and pesticide	All units producing technical grade pesticides	-	-

	specific intermediates (excluding formulations)			
5(c)	Petro-chemical complexes (industries based on processing of petroleum fractions & natural gas and/or reforming to aromatics)	All projects	-	-
5(d)	Manmade fibres manufacturing	Rayon	Others	General Condition shall apply
5(e)	Petrochemical based processing (processes other than cracking & reformation and not covered under the complexes)	Located out side the notified industrial area/ estate	Located in a notified industrial area/ estate	"General as well as specific conditions shall apply.";

5(f)	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	Located out side the notified industrial area/ estate	Located in a notified industrial area/ estate	"General and specific conditions shall apply.";
5(g)	Distilleries	(i)All Molasses based distilleries	-	General Condition shall apply
		(ii) All Cane juice/ non-molasses based distilleries \geq 30 KLD	All Cane juice/non-molasses based distilleries – <30 KLD	
5(h)	Integrated paint	-	All projects	General Condition shall apply

	industry			
5(i)	Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready pulp with out bleaching	Pulp manufacturing and Paper manufacturing industry	Paper manufacturing industry without pulp manufacturing	General Condition shall apply
5(j)	Sugar Industry	-	≥ 5000 tcd cane crushing capacity	General Condition shall apply
Service Sectors				
6(a)	Oil & gas transportation pipe line (crude and refinery/ petrochemical products), passing through national parks	All projects		-

	/sanctuaries/coral reefs /ecologically sensitive areas including LNG Terminal			
6(b)	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	-	All projects	General Condition shall apply
Physical Infrastructure including Environmental Services				
7(a)	Air ports	"All projects including airstrips, which are for commercial use.";	-	"Note: Air strips, which do not involve bunkering/ refueling facility and or Air Traffic Control, are exempted.";

7(b)	All ship 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 housing at least one Category B industry and area <500 ha.	"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 > 20,000 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.";
		Industrial estates with area greater than 500 ha. and housing at least one Category B industry.	Industrial estates of area > 500 ha. and not housing any industry belonging to Category A or B.	
7(d)	Common hazardous waste treatment, storage and	All integrated facilities having incineration & landfill or incineration	All facilities having land fill only	General Condition shall apply

	disposal facilities (TSDFs)	alone		
7(e)	"Ports, harbours, break waters, dredging."	≥ 5 million TPA of cargo handling capacity (excluding fishing harbours)	< 5 million TPA of cargo handling capacity and/or ports/ harbours ≥ 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 Environmental Management Plan (EMP) was prepared and environmental clearance obtained.";
7(f)	Highways	"i) New National Highways; and	"(i) All State Highway projects and	"General Condition shall apply. Note: Highways include expressways.";
		ii) Expansion of National Highways greater than 30 KM, involving additional right of way greater than 20m involving land acquisition."	(ii) State Highway expansion projects in hilly terrain (above 1000 m AMSL) and or ecologically sensitive areas.";	

7(g)	Aerial ropeways	"(i) All projects located at altitude of 1,000 mtr. and above	"All projects except those covered in column (3).";	General Condition shall apply
		(ii) All projects located in notified ecologically sensitive areas.";		
7(h)	Common Effluent Treatment Plants (CETPs)		All projects	General Condition shall apply
7(i)	Common Municipal Solid Waste Management Facility (CMSWMF)		All projects	General Condition shall apply
Building /Construction projects/Area Development projects and Townships				
8(a)	Building and Construction projects		≥ 20000 sq.mtrs and <1,50,000 sq.mtrs. of builtup area	#(built up area for covered construction; in the case of facilities open to the sky, it will be the activity area)
8(b)	Townships and Area Development projects.		Covering an area ≥ 50 ha and or built up area ≥1,50,000 sq .mtrs ++	++All projects under Item 8(b) shall be appraised as Category B1

<u>Note:-</u>				
General Condition (GC):				
<p>Any project or activity specified in Category 'B' will be treated as Category 'A', if located in whole or in part within 10 km from the boundary of: (i) Protected areas notified under the Wildlife (Protection) Act, 1972; (ii) Critically polluted areas as notified by the Central Pollution Control Board from time to time; (iii) Eco-sensitive areas as notified under section 3 of the Environment (Protection) Act, 1986, such as, Mahabaleshwar, Panchgani, Matheran, Pachmarhi, Dahanu, Doon Valley, etc., and (iv) inter-State boundaries and international boundaries.</p> <p>Provided that the requirement regarding distance of 10 km of the inter-State boundaries can be reduced or completely done away with by an agreement between the respective States or U.Ts sharing the common boundary in case the activity does not fall within 10 Kilometers of the areas mentioned at item (i), (ii) and (iii) above.";</p>				
Specific Condition (SC):				
<p>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).</p>				