

**SCHEDULE**  
(See paragraph 2 and 7)  
**LIST OF PROJECTS OR ACTIVITIES REQUIRING PRIOR ENVIRONMENTAL CLEARANCE**

Project or Activity		Category with threshold limit		Conditions if any
		A	B	
<b>1</b>		<b>Mining, extraction of natural resources and power generation (for a specified production capacity)</b>		
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>
<b>1(a)</b>	<sup>2,6,7</sup> (i)Mining of minerals	<p>≥ 50 ha. of mining lease area in respect of non-coal mine lease.</p> <p>&gt;150 ha of mining lease area in respect of coal mine lease</p> <p>Asbestos mining irrespective of mining area</p>	<p>&lt;50 ha of mining lease area in respect of non-coal mine lease.</p> <p>≤ 150 ha of mining lease area in respect of coal mine lease.</p>	<p>General Conditions shall apply except:</p> <p>(i) For project or activity of mining of minor minerals of Category 'B2' (up to 25 ha of mining lease area);</p> <p>(ii) River bed mining projects on account of inter-state boundary.</p> <p><sup>3,4,5</sup> <b>Note:</b></p> <p>(1) Mineral prospecting is exempted<sup>1</sup>;</p> <p>(2) The prescribed procedure for environmental clearance for mining of minor minerals including cluster situation is given in Appendix XI;</p> <p>(3) The mining leases which have obtained environmental clearance under Environment Impact Assessment Notification, 1994 and Environment Impact Assessment Notification, 2006 shall not require fresh environmental clearance during renewal provided the project has valid and subsisting environmental clearance.</p>
	(ii)Slurry pipelines (coal, lignite and other ores) passing through national parks / sanctuaries / coral reefs, ecologically sensitive areas.	All projects.		

<sup>1</sup> Substituted vide notification S.O. 1737(E) dated 11<sup>th</sup> October, 2007

<sup>2</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>3</sup> Substituted vide notification S.O. 695 (E) dated 4<sup>th</sup> April, 2011

<sup>4</sup> Substituted vide notification S.O. 2896 (E) dated 13<sup>th</sup> December, 2012

<sup>5</sup> Substituted vide notification S.O. 674 (E) dated 13<sup>th</sup> March, 2013

<sup>6</sup> Substituted vide notification S.O. 2731 (E) dated 9<sup>th</sup> September, 2013

<sup>7</sup> Substituted vide notification S.O. 141(E) dated 15<sup>th</sup> January, 2016

<b>1(b)</b>	Offshore and onshore oil and gas exploration, development & production	All projects		<u>Note</u> Seismic surveys which are part of Exploration surveys <sup>1</sup> are exempted provided the concession areas have got previous clearance for physical survey
<b>1(c)<sup>1,2</sup></b>	(i)River Valley projects  (ii)Irrigation projects	(i) $\geq 50$ MW hydroelectric power generation;  (ii) $\geq 10,000$ ha. of culturable command area	(i) $< 50$ MW $\geq 25$ MW hydroelectric power generation;  (ii) $< 10,000$ ha. $> 2000$ ha. of culturable command area	General Condition shall apply  Note:- Category 'B' river valley projects falling in more than one state shall be appraised at the central Government Level.
<b>1(d)</b>	Thermal Power Plants <sup>3,4</sup>	$\geq 500$ MW (coal/lignite/naptha & gas based);  $\geq 50$ MW (all other fuels except biomass).  $>20$ MW (using municipal solid non-hazardous waste, as fuel).	$\geq 5$ MW $< 500$ MW (coal/lignite/ naptha & gas based) <sup>5</sup> ;  $<50$ MW $\geq 5$ MW (all other fuels except biomass and municipal solid non-hazardous waste);  $<20$ MW $>15$ MW (using municipal solid non-hazardous waste, as fuel).  $>15$ MW plants based on biomass fuel.	General Condition shall apply.  Note: (i)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.  (ii)Thermal Power plants using waste heat boilers without any auxiliary fuel are exempt.
<b>1(e)</b>	Nuclear power projects and processing of nuclear fuel	All projects	-	
<b>2</b>		<b>Primary Processing</b>		
<b>2(a)</b>	Coal washeries	$\geq 1$ million ton/annum throughput of coal	$<1$ million ton/annum throughput of coal	General Condition shall apply  (If located within mining area the proposal shall be appraised together with the mining proposal)

<sup>1</sup> Substituted vide notification S.O. 1737(E) dated 11<sup>th</sup> October, 2007

<sup>2</sup> Substituted vide notification S.O. 1599 (E) dated 25<sup>th</sup> June, 2014

<sup>3</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>4</sup> Substituted vide notification S.O. 1599 (E) dated 25<sup>th</sup> June, 2014

<sup>5</sup> Substituted vide notification S.O. 1834(E) dated 6<sup>th</sup> July, 2015

<b>2 (b)</b>	<sup>1</sup> Mineral beneficiation	≥ 0.5 million TPA throughput	< 0.5 million TPA throughput	General Condition shall apply  (Mining proposal with Mineral beneficiation shall be appraised together for grant of clearance).
<b>3</b>		<b>Materials Production</b>		
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>
<b>3(a)</b>	Metallurgical industries (ferrous & non ferrous)	a)Primary metallurgical industry  All projects  b) Sponge iron manufacturing ≥ 200TPD  c)Secondary metallurgical processing industry  All toxic and heavy metal producing units ≥ 20,000 tonnes /annum  -	Sponge iron manufacturing <200TPD  Secondary metallurgical processing industry  i.)All toxic and heavy metal producing units <20,000 tonnes /annum  ii.)All other non –toxic secondary metallurgical processing industries >5000 tonnes/annum	General Condition shall apply. <sup>2</sup>  Note: (i)The recycling industrial units registered under the 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, and cupola with capacity more than 30000 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.
<b>3 (b)</b>	Cement plants	≥ 1.0 million tonnes/annum production capacity	<1.0 million tonnes/annum production capacity. All Stand alone grinding units	General Condition shall apply
<b>4</b>		<b>Materials Processing</b>		
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>
<b>4(a)</b>	Petroleum refining industry	All projects	-	-

<sup>1</sup> Substituted vide notification S.O. 1599(E) dated 25<sup>th</sup> January, 2014

<sup>2</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>2</sup> 4(b)	(i)Coke oven plants  (ii) Coaltar processing units	≥2,50,000 tonnes/annum	<2,50,000 & ≥25,000 tonnes/annum  All projects	General conditions shall apply <sup>1</sup>
4(c)	Asbestos milling and asbestos based products	All projects	-	-
4(d)	Chlor-alkali industry	≥300 TPD production capacity if 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. <300 tonnes per day (TPD) and located outside a Notified Industrial Area / Estate <sup>3</sup> .	<sup>3</sup> 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.
4(e)	Soda ash Industry	All projects	-	-
4(f)	Skin/hide processing including tanning industry <sup>5</sup>	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	<sup>4</sup> General as well as specific conditions shall apply
<b>5</b>		<b>Manufacturing/Fabrication</b>		
5(a) <sup>5</sup>	Chemical fertilizers	All projects including all Single Super Phosphate with H <sub>2</sub> SO <sub>4</sub> production except granulation of chemical fertilizers.	All Single Super Phosphate without H <sub>2</sub> SO <sub>4</sub> production and granulation of chemical fertilizers. <sup>4</sup>	General condition shall apply.  Granulation of single super phosphate powder is exempt.
5(b)	Pesticides industry and pesticide specific intermediates (excluding formulations)	All units producing technical grade pesticides	-	-
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

<sup>1</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>2</sup> Substituted vide notification S.O. 1599(E) dated 25<sup>th</sup> January, 2014

<sup>3</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>4</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>5</sup> Substituted vide notification S.O. 1599(E) dated 25<sup>th</sup> January, 2014

<b>5(e)</b>	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) <sup>2</sup> .	Located out side the notified industrial area/ estate	Located in a notified industrial area/ estate	<sup>1</sup> General as well as specific conditions shall apply.  Note: Manufacturing of products from polymer granules is exempt <sup>2</sup> .
<b>5(f)<sup>2</sup></b>	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 except small units as defined in column (5)	(i) Located in a notified industrial area/ estate.  (ii) Small units as defined in column (5)	<sup>1</sup> General as well as specific conditions shall apply.  Small units: with water consumption <25 cu mt per day, fuel consumption <25 TPD and not covered in the category of MAH units as per the Management, Storage and Import of Hazardous Chemical Rules, 1989.
<b>5(g)<sup>2</sup></b>	Distilleries	(i) All Molasses based distilleries  (ii) Non-molasses based distilleries $\geq 60$ KLD	Non-molasses based distilleries – <60 KLD	General Condition shall apply
<b>5(h)</b>	Integrated paint industry	-	All projects	General Condition shall apply
<b>5(i)<sup>2</sup></b>	Pulp & paper industry	Pulp manufacturing and Pulp & Paper manufacturing industry except from waste paper	Pulp manufacturing from waste paper and paper manufacturing from waste paper pulp and other ready pulp	General Condition shall apply. Note: Paper manufacturing from waste paper pulp and ready pulp without deinking, bleaching and colouring is exempt.
<b>5(j)</b>	Sugar Industry	- -	$\geq 5000$ tcd cane crushing capacity	General Condition shall apply

<sup>1</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>2</sup> Substituted vide notification S.O. 1599(E) dated 25<sup>th</sup> January, 2014

5(k) Entry omitted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<b>6</b>		<b>Service Sectors</b>		
<b>6(a)</b>	Oil & gas transportation pipeline (crude and refinery/ petrochemical products), passing through national parks /sanctuaries/coral reefs /ecologically sensitive areas including LNG Terminal	All projects		-
<b>6(b)</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
<b>7</b>		<b>Physical Infrastructure including Environmental Services</b>		
<b>7(a)</b>	Air ports	All projects including airstrips, which are for commercial use <sup>1</sup>	-	Note <sup>1</sup> : Air strips which do not involve bunkering / refueling facility and or Air Traffic Control, are exempted.
<b>7(b)</b>	All ship breaking yards including ship breaking units	All projects	-	-

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<sup>1</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<b>7(c)</b>	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.	<sup>1</sup> 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 > 20000 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.
<b>7(d)</b>	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	All integrated facilities having incineration & landfill or incineration alone	All facilities having land fill only	General Condition shall apply
<b>7(da)<sup>2</sup></b>	Bio-Medical Waste Treatment Facilities	-	All projects	-
<b>7(e)</b>	<sup>1</sup> Ports, harbors, 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 <sup>1</sup> 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.
<b>7(f)</b>	Highways	i) New National Highways <sup>3</sup> ; and  ii) Expansion of National Highways greater than 100 km involving additional right of way or land acquisition greater than 40m on existing alignment and 60 m on re-alignment or by-passes <sup>5</sup>	i) All New State Highway Projects <sup>1,4</sup> ;  ii) State Highway expansion projects in hilly terrain (above 1000 m AMSL) and or ecologically sensitive areas <sup>1</sup> .	General Condition shall apply <sup>3</sup>  Note: Highways include expressways.

<sup>1</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>2</sup> Inserted vide notification S.O. 1142(E) dated 17<sup>th</sup> April, 2015

<sup>3</sup> Substituted vide notification S.O. 1737(E) dated 11<sup>th</sup> October, 2007

<sup>4</sup> Substituted vide notification S.O. 695(E) dated 4<sup>th</sup> April, 2011

<sup>5</sup> Substituted vide notification S.O. 2559 (E) dated 22<sup>nd</sup> August, 2013

<b>7(g)</b>	Aerial ropeways	(i)All projects located at altitude of 1000 mtr. and above; (ii)All projects located in notified ecologically sensitive areas. <sup>1</sup>	All projects except those covered in column (3). <sup>1</sup>	General Condition shall apply
<b>7(h)</b>	Common Effluent Treatment Plants (CETPs)		All projects	General Condition shall apply
<b>7(i)</b>	Common Municipal Solid Waste Management Facility (CMSWMF)		All projects	General Condition shall apply
<b>8<sup>3</sup></b>		<b>Building or Construction projects or Area Development projects and Townships</b>		
<b>8(a)</b>	Building and Construction projects		≥20000 sq.mtrs and <1,50,000 sq.mtrs. of built up area	The term <sup>2</sup> “built up area” for the purpose of this Notification the built up or covered area on all the floors put together including its basement and other service areas, which are proposed in the building or construction projects.  <b>Note 1.-</b> The projects or activities shall not include industrial shed, school, college, hostel for educational institution, but such buildings shall ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and may use recycled materials such as fly ash bricks.  <b>Note-2.-</b> “General Conditions” shall not apply.
<b>8(b)</b>	Townships and Area Development projects.		Covering an area of > 50 ha and or built up area > 1,50,000 sq.mtrs	A project of Township and Area Development Projects covered under this item shall require an Environment Assessment report and be appraised as Category ‘B1’ Project.  <b>Note.-</b> “General Conditions” shall not apply.

<sup>1</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>2</sup> Substituted vide notification S.O. 695(E) dated 4<sup>th</sup> April, 2011

<sup>3</sup> Substituted vide notification S.O. 3252 (E) dated 22<sup>nd</sup> December, 2014



## **Note:-**

### **<sup>1,2</sup>General Condition (GC):**

Any project or activity specified in Category 'B' will be appraised at the Central Level as Category 'A', 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 (53 of 1972); (ii) Critically Polluted areas as notified 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 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 Condition (SC):**

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).

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<sup>1</sup> Substituted vide notification S.O. 3067(E) dated 1<sup>st</sup> December, 2009

<sup>2</sup> Substituted vide notification S.O. 3252 (E) dated 22<sup>nd</sup> December, 2014