

**Regulations for Initial Environmental Examination – IEE or Environmental Impact Assessment – EIA requirement as per Type and Size of Projects**

**Special Investment Projects**

Sr.	Types of Investment Project	Required size for Initial Environmental Examination (IEE)	Required size for Environmental Impact Assessment (EIA)
1	Investment Projects done by the approval of Union Parliament or Union Government or President of the Union		All sizes of the projects

**Energy Sector Development Projects**

14	Drilling of onshore oil and gas exploration and production, transportation businesses including connecting of Pipeline, Exhalation Station, Inhalation Station and storage businesses, supply chain and suspension of activities		All sizes of the projects
15	Offshore oil and gas exploration by shocking and vibration	All sizes of the projects	

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17	Drilling and production of offshore oil and gas businesses, transportation including pipeline connection, exhalation station, inhalation station, storage, supply chain and suspension of the activities.		All sizes of the Project
21	Construction of Oil and Gas Handling Station		All sizes of the Project
22	Construction of Oil Storage Station or and Gas Storage Station	Storage capacity for Oil for lower than 10,000 tons and lower than 2,500 tons of storage capacity for Gas	Storage capacity for Oil for 10,000 tons and above and Storage capacity for Gas for 2,500 tons and above.
23	Establishment of Distribution or connection of Pipeline for Oil or Gas	Less than 10 Kilometer	10 Kilometer and above
24	Fuel Station Business including LPG and CNG	Storage capacity 10 cubic meter (10,000 Litre and above)	All projects designated by the Ministry to carry out Environmental Impact Assessment

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26	Electric Cable installation for above 115 KV and below 230 KV	50 Kilometer and above	All projects designated by the Ministry to carry out Environmental Impact Assessment
27	Electric Cable (Electrical Grids) connection business for above 230 KV.	All sizes of the projects	All projects designated by the Ministry to carry out Environmental Impact Assessment
28	Construction of High Voltage Power Station for 230 KV and 500 KV	4 Hectare and above	All projects designated by the Ministry to carry out Environmental Impact Assessment
<b>Agriculture, Livestock Breeding and Forest related Development Projects</b>			
35	Fish hatching and breeding at sea and coastal areas	Above 1 Hectare and less than 100 Hectare of water surface area	100 Hectare and above
37	Nursing and breeding of wildlife animal	All sizes of the Projects	All projects designated by the Ministry to carry out Environmental Impact Assessment
40	Forest Maintenance Business with limited period	Below 10,000 Hector	10,000 Hectare and above

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41	Irrigation System Establishment Business	Above 100 Hectare and below 5,000 Hectare	5,000 Hectare and above
<b>Garment, Textile and Leather Products Business</b>			
59	Business for Washing, bleaching, weaving or garment and dyeing of textiles	Above 1 Ton and less than 10 Tons per day	Above 10 Tons per day
<b>Production Business of Wood-based Products</b>			
65	Printing and Decoration Business (Decoration using by organic solvents, printing, covering, bleaching, water proofing, cutting, painting, cleaning or filling)	Usage of Organic solvents – above 6 Kilogram and less than 150 Kilogram per hour	Usage of Organic solvents –150 Kilogram and above or 200 Tons and above per year
72	Drug Formulatory and Bio-Technology Business	Below 50 Tons per year	Above 50 Tons per year
<b>Metal, Machinery and Electronics Production Business</b>			
88	Metal (not iron) casting, Blacksmith and jewelry casting business	Above 5 Tons and less than 20 Tons per day	20 Tons and above per day

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89	Shipyards and Ship Building Business	Less than 1 Hectare of Business Area and Less than 20,000 Tonnage of the Ship	More than 1 Hectare of Business Area and above 20,000 Tonnage of the Ship
90	Building, repairing and installation of Trains and other railways supporting products	-	100 locomotives and above per year
100	Workshop for Motor Vehicles for repair, maintenance and installation.	Usage area 5,000 square meter and above	All projects designated by the Ministry to carry out Environmental Impact Assessment
101	Demolishing of Old Motor Vehicles Business	Less than 10 Motor vehicles and 50 Motorcycles per day	10 Motor vehicles and above and 50 Motorcycles and above per day
	<b>Waste Management Business</b>		
103	Non-hazardous Waste Management Business	Land filling of less than 10 Tons and less than 25,000 tons of waste per day; Less than 50 Tons per day for other waste	Land filling of 10 Tons and above and 25,000 tons and above of waste per day; 50 Tons and above per day for other waste
104	Waste Fireworks Business	Below 3 Tons per hour	3 Tons and above per hour

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106	Hazardous Waste Management Business	-	All sizes of the Projects
108	Waste water treatment plant – centralized system	-	All sizes of the Projects
109	Establishment of Wastewater Collection System	1 Kilometer and above and less than 10 Kilometer for length of drainage	10 Kilometer and above for length of drainage
110	Underground water development business for industrial business, agricultural business or urban water distribution	Below 4,500 cubic meter per day	Cubic Meter 4,500 and above per day
<b>Infrastructure and Services Development Projects</b>			
111	Construction of Dam or Reservoir	Height of the wall of reservoir is less than 15 meter and water storage area is less than 400 hectare	Height of the wall of reservoir is 15 meter and above and water storage area is 400 hectare and above.
112	Land filling business for dangerous lake, river, stream, canals	Area is less than 50 Hectare	Area is 50 Hectare and above
113	Huge projects for other urban development business (construction of retaining wall for river water and sea water, prevention for offshore flooding)	Less than 2 Kilometer length and below 25 Hectare area	2 Kilometer length and above or 25 Hectare area and above

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114	Dredging Business	Below 500,000 Tons in total	Above 500,000 Tons in total
115	River way staffing business (controlling water surface and water volume)		All sizes of the projects
116	Shipping Business (Vessels used for transportation of cargos and passengers, maintenance)	All sizes of the projects	All projects designated by the Ministry to carry out Environmental Impact Assessment
117	Port Construction Business (Port side for landing of vessels for cargos and passengers transportation, side bridge of the port and warehouse)	Area below 25 Hectare	Area 25 Hectare and above
118	Establishment of Industrial Zone and development business		All sizes of the projects
119	Construction of the Hospital	All sizes of the projects	All projects designated by the Ministry to carry out Environmental Impact Assessment
120	Construction of Cemetery (to bury, 1 to cremate and other forms)	All sizes of the projects	

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121	Hotels and Tourism development business	80 Hotel Rooms and above, less than 200 rooms or usage area 200,000 square meter and above and below 500,000 square meter	200 rooms and above or usage area 500,000 square meter and above
122	Construction of Golf Course	9-hole golf course	18-hole gold course
	<b>Transportation Related Businesses</b>		
123	Trains and Electric Trains Transportation (infrastructure for railways business, such as, railways construction, maintenance and rail transport businesses)	Length of below 5 Kilometer	Length of above 5 Kilometer
124	Cable Car Transportation Business	Length of below 0.5 Kilometer	Length of above 0.5 Kilometer
125	Airport and Runway construction business	Length of runway is below 2,100 meter	Length of runway is 2,100 meter and above
126	Bridge, Cross River Bridge, overhead bridge construction business	200 Meter and below, less than 2 Kilometer	2 Kilometer and above

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127	Bridge, Cross River Bridge, overhead bridge upgrading business	300 Meter and above	All projects designated by the Ministry to carry out Environmental Impact Assessment
128	Tunnel construction business	Below 1 Kilometer length	Length of 1 Kilometer and above
129	Construction of New Highway Road (new road construction or expansion of road in accordance with the ASEAN Highway Classifications)	2 Kilometer length and above, below 50 Kilometer	50 Kilometer and above
130	Other Road construction business (Region/ State/District and Urban Road construction or road widening)	Length of 50 Kilometer and above, below 100 Kilometer	100 Kilometer and above
131	Road upgrading business (upgrading from seasonal road to all season road, expansion of pavement of the road)	Length of 50 Kilometer and above	All projects designated by the Ministry to carry out Environmental Impact Assessment
<b>Mining Business</b>			
132	Extraction of stones, gravels and sand from the river or sea	Cubic Meter 1,000 and above and below 50,000 Cubic Meter per year	50,000 Cubic Meter and above per year

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133	Construction, Building construction and raw material production for ceramic industry (aggregates, lime stones, slate, mud, marble, moon stones, sand stones, granite, kaolin, bentonite, quartz and quartzite production)	Production Area is below 200 acre and less than 100,000 Tons per year	Production Area is 200 acre and above or 100,000 Tons and above per year
136	Purification business for raw minerals without using of hazardous chemicals	Below 50,000 Tons production per year	Production of 50,000 Tons and above per year
137	Purification business for raw minerals by using of hazardous chemicals	Below 25,000 Tons production per year	Production of 25,000 Tons and above per year
142	Housing development, Urban development and new city development with regard to the replacement	50 Hectare (123.5 Acre) and above and below 100 Hectare (247 acre)	100 Hectare (247 acre) and above
143	Rooms, Condominium construction business	-	A building with Height 28 meters, floor area 10,000 square meter and above
144	Construction business for multi-purpose playground		All sizes of the Projects
145	Establishment of Special Economic Zone and development business	-	All sizes of the Projects

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146	Construction of Departmental Stores, Trade Centre, modernized markets	-	Square Meter 3,000 and above
147	Basement construction	-	12 Meter and above of underground
148	Other services businesses (infrastructure business)	-	Cubic Meter 100 and above for waste water drainage
149	Construction business for Highway Bus Terminal	-	4 Hectare (9.88 acre) and above
150	Restaurant Business	-	500 seats and above
151	Construction of buildings near or within Ponds, rivers, beaches, national park, historical park, cultural heritage area, archaeological site which severely impact for environmental quality	-	Building with height 10 meters, floor area of 2,000 square meter and above
152	Construction of Amusement Park near river, beach	-	80 Rooms and above

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153	Construction of Resort on the mountain	-	80 Rooms and above, usage area of 4,000 square meter and above
154	Tourism and recreation development business within the protected area of Nation or Region	-	50 Hectare (123.5 acre) and above
155	Tourism and recreation development business on the island surrounded by the water which is designated as National Marine Park	-	All sizes of the Projects
156	Construction business for Broadcasting Station, Telecommunications factories	(within 1-3 Kilo Watt)	Above 3 Kilo Watt
157	Network construction business (telecommunications lines installation and wireless telecommunications infrastructure including installation of internet, under water cable installation, installation of equipment for radio and television transmission)	(Between 100 – 450 Kilometer)	Above (450) Kilometer