

**ENVIRONMENTAL QUALITY (PRESCRIBED ACTIVITIES)  
(ENVIRONMENTAL IMPACT ASSESSMENT) ORDER, 1987\***

In exercise of the powers conferred by section 34A of the Environmental Quality Act, 1974, the Minister, after consultation with the Environmental Quality Council, makes the following order:

**1. Citation and commencement.**

This Order may be cited as the **Environmental Quality (Prescribed Activities) (Environmental Impact Assessment) Order, 1987** and shall come into force on the 1st April 1988.

**2. Prescribed activities.**

The activities specified in the Schedule are prescribed to be prescribed activities.

**SCHEDULE**

**1. AGRICULTURE:**

- (a) Land development schemes covering an area of 500 hectares or more to bring forest land into agricultural production.
- (b) Agricultural programmes necessitating the resettlement of 100 families or more.
- (c) Development of agricultural estates covering an area of 500 hectares or more involving changes in types of agricultural use.

**2. AIRPORT:**

- (a) Construction of airports (having an airstrip of 2,500 metres or longer).
- (b) Airstrip development in state and national parks.

**3. DRAINAGE AND IRRIGATION:**

- (a) Construction of dams and man-made lakes and artificial enlargement of lakes with surface areas of 200 hectares or more.
- (b) Drainage of wetland, wild-life habitat or of virgin forest covering an area of 100 hectares or more.
- (c) Irrigation schemes covering an area of 5,000 hectares or more.

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4. **LAND RECLAMATION:**

Coastal reclamation involving an area of 50 hectares or more.

5. **FISHERIES:**

- (a) Construction of fishing harbours.
- (b) Harbour expansion involving an increase of 50 percent or more in fish landing capacity per annum.
- (c) Land based aquaculture projects accompanied by clearing of mangrove swamp forests covering an area of 50 hectares or more.

6. **FORESTRY:**

- (a) Conversion of hill forest land to other land use covering an area of 50 hectares or more.
- (b) Logging or conversion of forest land to other land use within the catchment area of reservoirs used for municipal water supply, irrigation or hydro-power generation or in areas adjacent to state and national parks and national marine parks.
- (c) Logging covering an area of 500 hectares or more.
- (d) Conversion of mangrove swamps for industrial, housing or agricultural use covering an area of 50 hectares or more.
- (e) Clearing of mangrove swamps on islands adjacent to national marine parks.

7. **HOUSING:**

Housing development covering an area of 50 hectares or more.

8. **INDUSTRY:**

- (a) Chemical – Where production capacity of each product or of combined products is greater than 100 tonnes/day.
- (b) Petrochemicals – All sizes.
- (c) Non-ferrous – Primary smelting:
  - Aluminium – all sizes.
  - Copper – all sizes.
  - Others – producing 50 tonnes/day and above of product.
- (d) Non-metallic – Cement – for clinker throughput of 30 tonnes/hour and above.
  - Lime – 100 tonnes/day and above burnt lime rotary kiln or 50 tonnes/day and above vertical kiln.
- (e) Iron and steel – Require iron ore as raw materials for production greater than 100 tonnes/day; or
  - Using scrap iron as raw materials for production greater than 200 tonnes/day.

- (f) Shipyards – Dead Weight Tonnage greater than 5,000 tonnes.
- (g) Pulp and paper industry – Production capacity greater than 50 tonnes/day.

9. **INFRASTRUCTURE:**

- (a) Construction of hospitals with outfall into beachfronts used for recreational purposes.
- (b) Industrial estate development for medium and heavy industries covering an area of 50 hectares or more.
- (c) Construction of expressways.
- (d) Construction of national highways.
- (e) Construction of new townships.

10. **PORTS:**

- (a) Construction of ports.
- (b) Port expansion involving an increase of 50 percent or more in handling capacity per annum.

11. **MINING:**

- (a) Mining of minerals in new areas where the mining lease covers a total area in excess of 250 hectares.
- (b) Ore processing, including concentrating for aluminium, copper, gold or tantalum.
- (c) Sand dredging involving an area of 50 hectares or more.

12. **PETROLEUM:**

- (a) Oil and gas fields development.
- (b) Construction of off-shore and on-shore pipelines in excess of 50 kilometres in length.
- (c) Construction of oil and gas separation, processing, handling, and storage facilities.
- (d) Construction of oil refineries.
- (e) Construction of product depots for the storage of petrol, gas or diesel (excluding service stations) which are located within 3 kilometres of any commercial, industrial or residential areas and which have a combined storage capacity of 60,000 barrels or more.

13. **POWER GENERATION AND TRANSMISSION:**

- (a) Construction of steam generated power stations burning fossil fuels and having a capacity of more than 10 megawatts.

- (b) Dams and hydro-electric power schemes with either or both of the following:
  - (i) dams over 15 metres high and ancillary structures covering a total area in excess of 40 hectares;
  - (ii) reservoirs with a surface area in excess of 400 hectares.
- (c) Construction of combined cycle power stations.
- (d) Construction of nuclear-fueled power stations.

**14. QUARRIES:**

Proposed quarrying of aggregate, limestone, silica, quartzite, sandstone, marble and decorative building stone within 3 kilometres of any existing residential, commercial or industrial areas, or any area for which a licence, permit or approval has been granted for residential, commercial or industrial development.

**15. RAILWAYS:**

- (a) Construction of new routes.
- (b) Construction of branch lines.

**16. TRANSPORTATION:**

Construction of Mass Rapid Transport projects.

**17. RESORT AND RECREATIONAL DEVELOPMENT:**

- (a) Construction of coastal resort facilities or hotels with more than 80 rooms.
- (b) Hill station resort or hotel development covering an area of 50 hectares or more.
- (c) Development of tourist or recreational facilities in national parks.
- (d) Development of tourist or recreational facilities on islands in surrounding waters which are gazetted as national marine parks.

**18. WASTE TREATMENT AND DISPOSAL:**

- (a) Toxic and Hazardous Waste--
  - (i) Construction of incineration plant.
  - (ii) Construction of recovery plant (off-site).
  - (iii) Construction of wastewater treatment plant (off-site).
  - (iv) Construction of secure landfill facility.
  - (v) Construction of storage facility (off-site).
- (b) Municipal Solid Waste--
  - (i) Construction of incineration plant.
  - (ii) Construction of composting plant.

- (iii) Construction of recovery/recycling plant.
- (iv) Construction of municipal solid waste landfill facility.
- (c) Municipal Sewage—
  - (i) Construction of wastewater treatment plant.
  - (ii) Construction of marine outfall.

**19. WATER SUPPLY:**

- (a) Construction of dams or impounding reservoirs with a surface area of 200 hectares or more.
- (b) Groundwater development for industrial, agricultural or urban water supply of greater than 4,500 cubic metres per day.

Made the 30th September 1987.

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