

SECOND SCHEDULE

[Order 2]

1. AGRICULTURE:

- (a) *Land development schemes covering an area of 500 hectares or more to bring forest land into agricultural production.*
- (b) *New pig farming area of 2,000 SPP (Standing Pig Population) or more.*

2. AERODROME:

- (a) *Any aerodrome development in or adjacent to State or National Parks or National Marine Parks or island surrounding Marine Parks or any gazetted protected areas.*
- (b) *Upgrading of aerodrome which involves land reclamation or coastal reclamation of more than 50 hectares.*

3. CONSTRUCTION OF DAM:

- (a) Construction of *all* dams or impounding reservoirs for the purpose of irrigation, *flood mitigation, siltation, recreational* or water supply with a surface area of *100 hectares* or more.
- (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 100 hectares.

4. DRAINAGE AND IRRIGATION:

- (a) *Construction of man-made lakes and artificial enlargement of lakes with surface areas of 100 hectares or more in or adjacent to Environmental Sensitive Area.*
- (b) Any drainage of wetland, wild-life habitat or of virgin forest covering an area of 100 hectares or more.

5. FISHERIES

Land based aquaculture projects accompanied by clearing of mangrove swamp forest or fresh water swamp covering an area of 50 hectares or more.

6. FORESTRY

- (a) *Conversion of forest land more than 300 m asl (above sea level) to other land use covering an area of more than 50 hectares.*
- (b) *Logging or removal or extraction of timber within:*
 - (i) *the catchment area of reservoirs used for municipal water supply, irrigation or hydro-power generation; or*
 - (ii) *in areas adjacent to state parks, national parks or national marine parks;*
 - or (iii) *areas in state parks, national parks or national marine parks.*
- (c) *Logging or removal or extraction of timber of forest land of more than 300 m asl (above sea level).*
- (d) *Logging or removal or extraction of timber covering an area of 500 hectares or more.*
- (e) *Conversion of mangrove swamps for industrial, housing or agricultural use covering an area of 50 hectares or more.*
- (f) *Clearing of mangrove swamps on islands adjacent to national marine parks.*

7. SLOPE DEVELOPMENT

- (a) *Any development involving land clearing where 50% of the area or more in Class III (area with $\geq 25^\circ$ to $<35^\circ$) or having slope of 25° or more.*
- (b) *Construction of road infrastructure, tunnel or bridge traversing Class IV areas (area with $\geq 35^\circ$).*

8. INDUSTRY

- (a) Non-ferrous:
 - Primary smelting:
 - Aluminium-all sizes.
 - Copper-all sizes.
 - Other-producing 50 tonnes/day or more of product.
- (b) Non-metallic; Cement:- Cement: with clinker production capacity of 30 tonnes/hour and above.
- (c) 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.

- (d) Petrochemicals: *-In area not designated for industry where production capacity of each product or of combined products is 50 tonnes/day or more*
- (e) Pulp; or pulp and paper: *- Production capacity greater than 50 tonnes/day.*
- (f) Recycle Paper Industry: *- Production capacity greater than 50 tonnes/day.*

9. LAND RECLAMATION

- (a) Coastal reclamation *or land reclamation along river banks* involving area of 50 hectares or more.
- (b) *Reclamation for man-made island*

10. MINING

Mining of minerals in new areas for application of the mining lease.

11. PETROLEUM:

Construction of oil refineries.

12. PORTS:

Construction of ports *or fishing harbours.*

13. POWER GENERATION AND TRANSMISSION:

- (a) Construction of coal fired power plant.
- (b) Construction of nuclear-fuel power stations.

14. RESORT, RECREATIONAL AND INSTITUTIONAL DEVELOPMENT

- (a) Development of tourist or recreational facilities *or institutions* in national *and state* parks.
- (b) Development of tourist or recreational facilities *or institutions* on islands in surrounding waters which are gazetted as national marine park.
- (c) *Development of tourist or recreational facilities or institutions on islands in surrounding waters which are gazetted as turtle nesting beaches.*

15. WASTE TREATMENT & DISPOSAL

(a) *Scheduled Waste:-*

- (i) Construction of *Thermal Treatment Plant*.
- (ii) Construction of *off-site recovery plant for lead acid battery wastes*.
- (iii) Construction of *off-site recovery plant or treatment facility that generates significant amount of wastewater which is located upstream of public water supply intake*.
- (iv) Construction of secure landfill facility.

(b) *Solid Waste:-*

- (i) Construction of *Thermal Treatment Plant*
- (ii) Construction of sanitary landfill facility.
- (iii) Construction of *transfer station*.

16. RADIOACTIVE MATERIALS AND RADIOACTIVE WASTE

Any prescribed activities that using radioactive materials and generating radioactive wastes.