

Appendix C
Project Requiring EIA Study in Thailand

Project requiring EIA Study

According to Section 46-47, under the National Environmental Quality Act (NEQA1992), the Minister of Science Technology and Environment with the approval of the National Environmental Board (NEB) will have the power to issue a notification prescribing categories and the magnitude of 22 projects of activities of government agency state enterprises or private organizations, which are required to submit Environmental Impact Assessment (EIA) report to the Office of the Natural Resources and Environmental Policy and Planning (ONEPP) and the Expert Review Committee for consider and approval before further proceedings.

Type and sizes of projects or activities require an EIA report. The projects or activities can be categorized 7 groups:

- Industry
- Residential Building and service Community
- Transportation
- Energy
- Water Resource
- Watershed Area
- Mine

Industry

Types Projects or Activities	Size
Industrial Estate as defined by the Industrial Estate Authority of Thailand Act or projects with similar feature	All sizes
Industries <ul style="list-style-type: none"> • Petrochemical Industry 	Use of raw materials which are produced from oil refinery and/or natural gas separation with a production capacity of 100 ton/day or more
<ul style="list-style-type: none"> • Oil Refinery 	All sizes
<ul style="list-style-type: none"> • Natural Gas Separation or Processing Industry 	All sizes
<ul style="list-style-type: none"> • Chlor-Alkaline Industry requiring Sodium Chloride (NaCl) as raw material for production of Sodium Carbonate (Na_2CO_3), Sodium Hydroxide (NaOH), Hydro Chloric Acid (HCl), Chlorine (Cl_2), Sodium hipo-chloride (NaOCl) and Bleaching Powder 	Production capacity of each or combined Products of 100 tons/day or more

Industry (continued)

Types Projects or Activities	Size
<ul style="list-style-type: none"> • Iron and/or Steel Industry 	Production capacity of 100 tons/day or more (production capacity shall be calculated by using furnaces capacity of ton/day multiply by 24 hours)
<ul style="list-style-type: none"> • Cement Industry 	All sizes
<ul style="list-style-type: none"> • Smelting industry other than Iron and Steel 	Production capacity 50 tons/day or more
<ul style="list-style-type: none"> • Pulp Industry 	Production capacity 50 tons/day or more
Sugar type industry	
<ul style="list-style-type: none"> • Cane sugar, pure cane sugar 	All size
<ul style="list-style-type: none"> • Glucose or other product similar 	Power produce chemical substance each type more than 20 ton per day
Pesticide Industry or Industry producing Active Ingredient by chemical process	All sizes
Chemical Fertilizes Industry using chemical process in production	All sizes
Adjust quality waste industry	All sizes

Residential Building and Service Community

Types Projects or Activities	Size
Building in areas adjacent to rivers, coastal areas, lakes or beaches or in the vicinity of National Parks or Historical Parks	<ul style="list-style-type: none"> • Height of 23 meters or more • Total floor area or any floor area in the building is 10,000 square meters or more
Residential Building as defined by the Building Control Act	80 Rooms or more
Land allocation for residential or commercial purpose	<ul style="list-style-type: none"> • 500 land plots or more • Total developed area exceed 100 rais (16 hectares)
Hotel or Resort facility	80 rooms or more
Hospital which located	
<ul style="list-style-type: none"> • (a) in area adjacent to rivers, coastal areas, lakes or beaches 	In-patient's bed of 30 bed or more
<ul style="list-style-type: none"> • (b) in area other than (a) 	In-patient's bed of 60 bed or more

Transportation

Types Projects or Activities	Size
Commercial Airport	All sizes
Commercial Port	With capacity for vessels of 500 gross tons or more
Mass Transit System under the Mass Transit System and Expressway Act or project as the same characteristic or Mass Transit which use rail	All sizes
High way or road as defined by the Highway Act, passing through following areas <ul style="list-style-type: none"> • Wildlife Sanctuaries and Wildlife Non-Hunting Areas as defined by Wildlife Conservation and Projection Act • National park as defined by the National park Act • Watershed area classified as class 2 by the Cabinet Resolution • Mangrove Forests Designated as the National Forest Reserve • Coastal Area within 50 meters from the Maximum Sea Level 	All sized projects equivalent to, or above, the minimum standard of rural highways including road expansion
Coastal reclamation	All sizes

Energy

Types Projects or Activities	Size
Thermal Power Plant	Capacity 10 MW. or more
Development Petroleum <ul style="list-style-type: none"> • Survey or produce petroleum 	All size
<ul style="list-style-type: none"> • Transport petroleum and fuel oil pipe way 	All size

Water Resource

Types Projects or Activities	Size
Dam or Reservoir	Storage volume 100,000,000 cubic meters or more or storage surface area 15 square kilometers or more
Irrigation	Irrigated area of 80,000 rais (12,800 hectares) or more

Watershed Area

Types Projects or Activities	Size
All types of projects located in the areas where it has been approved by the Cabinet to be watershed area as class I B	All sizes

Mine

Types Projects or Activities	Size
Mining as defined by the Mineral Act	All sizes