

Section 4: Metal Products, Machinery and Transport Equipment

Activities	Conditions	Incentives
4.1 Manufacture of metal products including metal parts		
4.1.1 Products from metal or alloy powder	Project must have sintering process	A3
4.1.2 Metal products or metal parts	Project must have metal forming process continuing from iron/steel casting process (using induction furnace) or iron/steel forging process i.e. machining and stamping within the same project	A3
4.1.3 Other metal products including other metal parts	1. Continuous forming process from pressing, pulling casting or forging of non-ferrous metal within the same project 2. Forming process i.e. Machining and Stamping	A4 B1
4.2 Surface treatment or anodized surface treatment (except coating or coloring treatment for decoration purpose)	For anodized surface treatment, project must have the following process, e.g. anodizing, etching and engraving	B1
4.3 Heat Treatment	Cyanide is prohibited in the process of heat treatment	A4
4.4 Manufacture of multi-purpose engines and equipment	1. Project must have forming process of main engine parts, e.g. cylinder head, crank case, crankshaft, camshaft, connecting rod, piston and flywheel 2. Assembling of multipurpose engine or equipment	A4 B1
4.5 Manufacture of machinery, equipment and parts		
4.5.1 Automation machinery and/or automation equipment with engineering design	Projects must design control system using an embedded system.	A2
4.5.2 Machinery, equipment and parts and/or repair of mould and die	Projects must have part forming process and/or with engineering design	A3
4.5.3 Assembling of Machinery and machinery equipment	Projects must have assembling process as approved by the Board.	A4
4.6 Manufacture of general automobile	Not eligible for merit-based incentives	B1

Activities	Conditions	Incentives
<p>4.9 Building or repair of ships</p> <p>4.9.1 Building or repair of ships not less than 500 tons gross</p> <p>4.9.2 Building or repair of ships less than 500 tons gross (only steel or fiber glass ships with installed engine and equipment)</p>	<p>Projects must obtain ISO 14000 within 2 years from start of operation date</p>	<p>A2</p> <p>A2</p>
<p>4.10 Manufacture of trains or electric trains or equipment or parts (only rail system)</p>		<p>A2</p>
<p>4.11 Manufacture or repair of aircraft, including aircraft parts and equipment or onboard equipment</p> <p>4.11.1 airframe, airframe parts, major aircraft appliances, e.g. engine, aircraft parts, propeller, and avionics</p> <p>4.11.2 other aircraft parts , and onboard devices and equipment (except disposable and reusable aircraft utilities and supplies)</p> <p>4.11.3 repair of aircraft, parts and equipment</p>		<p>A1</p> <p>A3</p> <p>A2</p>
<p>4.12 Manufacture of motorcycles (except less than 248 cc engine displacement)</p>	<ol style="list-style-type: none"> 1. Project must have forming process of engine parts, as follows: Cylinder Head, Cylinder Block, Crankshaft, Camshaft and Connecting Rod <ol style="list-style-type: none"> 1.1 For manufacturing motorcycles with more than 248 cc engine displacement but less than 500 cc, project must have forming of not less than 4 out of 6 parts. 1.2 For manufacturing of motorcycles with more than 500 cc engine displacement, project must have forming of 2 out of 6 parts. 2. Project must have structural welding process and spray painting process. 3. Investment plan for manufacturing and utilization of parts must be submitted and approved by the Board of Investment 	<p>A3 (must follow conditions 1-3)</p> <p>B1 (must follow conditions 2-3)</p>

Activities	Conditions	Incentives
4.13 Manufacture of Fuel Cells		A2
4.14 Fabrication industry or platform repair for petroleum industry 4.14.1 Fabrication industry or platform repair with engineering design 4.14.2 Fabrication industry or platform repair for petroleum industry		A3 A4
4.15 Manufacture of science equipment 4.15.1 Scientific equipment using high technology 4.15.2 Other scientific equipment	The scientific equipment must be able to measure parameter value, process data and self-report the result or automatically measure and control the parameter	A2 A3