

PROMOTED ACTIVITIES & PRODUCTS FOR HIGH TECHNOLOGY COMPANIES

The following is the list of promoted activities and products for high technology companies which are eligible for consideration of Pioneer Status or Investment Tax Allowance under the Promotion of Investment Act 1986.

ADVANCED ELECTRONICS

1. Design, development and manufacture of:
 - a. Computer or peripheral
 - b. Microprocessor application
2. Development and production of communication equipment
3. Design and production of integrated circuits (ICs)
4. Development and production of cathode ray tubes and advance displays
5. Design, development and manufacturer of printer heads, head gimbals/head carriages, headstacks, magnetic heads, voice coils motors and actuators
6. Development and production of advanced connectors
7. Development and manufacturing of high density interconnect printed circuit boards (PCB) excluding rigid single-sided PCB
8. Design, development and manufacture of printer mechanism
9. Development and production of surface mount components
10. Design, development and manufacture of electro-magnetic interference (EMI) shielding products
11. Design, development and manufacture of contra rotator washing machines
12. Development and production of digital audio/video products

EQUIPMENT / INSTRUMENTATION

1. Design, development and manufacture of:
 - a. Medical equipment
 - b. Medical implant or devices
 - c. Scientific equipment
 - d. Cyclonic separation equipment
2. Development and production of high pressure water cutting equipment
3. Design, development and manufacture of air flow equipment and related products
4. Development and production of high voltage busbars, auto transfer switches and dry type distribution transformers

BIOTECHNOLOGY

1. Development, testing and production of:
 - a. Pharmaceuticals
 - b. Fine chemicals
 - c. Food or food ingredients
 - d. Feed or feed supplements
 - e. Biodiagnostics
 - f. Horticultural products
2. Development and production of:
 - a. Cell cultures
 - b. Biopolymers
 - c. Biomaterials
3. Development and production of biotechnology processes for waste treatment

LIST OF PROMOTED ACTIVITIES AND PRODUCTS – HIGH TECHNOLOGY COMPANIES

AUTOMATION AND FLEXIBLE MANUFACTURING SYSTEMS

1. Development and production of:
 - a. Computer process control systems / equipment
 - b. Process instrumentation
 - c. Robotic equipment
 - d. Computer numerical control (CNC) machine tools

ELECTRO-OPTICS AND NON-LINEAR OPTICS

1. Development and production of:
 - a. Optical lenses
 - b. Laser application equipment
 - c. Fibre-optic communication equipment
2. Design, development and production of cameras including lens units, lens barrel units and view finder units

ADVANCED MATERIALS

1. Development and production of:
 - a. Polymers or biopolymers
 - b. Superconductors
 - c. Fine ceramics or advanced ceramics
 - d. High strength composites
 - e. Pigments
2. Nano particles and their formulation thereof

OPTOELECTRONICS

1. Development and production of:
 - a. Optoelectronics systems components
 - b. Optical systems components
 - c. Photo-couplers
 - d. Semiconductors lasers

SOFTWARE ENGINEERING

1. Development and production of:
 - a. Neural networks
 - b. Pattern recognition systems
 - c. Machine vision
 - d. Fuzzy logic systems

ALTERNATIVE ENERGY SOURCE

1. Development and production of:
 - a. Fuel cells
 - b. Polymer batteries
 - c. Solar cells
 - d. Renewable energy
 - e. Floating energy power system

AEROSPACE

1. Design or development and production or assembly of:
 - a. Aircraft
 - b. Aircraft equipment, components or accessories or parts of aircraft
2. Modification and/or conversion of aircraft
3. Refurbishment or re-manufacture of aircraft equipment, components or accessories or parts of aircraft

ENGINEERING SUPPORT INDUSTRIES / SERVICES

1. Development or development and manufacture of:
 - a. Trim and form dies
 - b. Semiconductor cavity / encapsulation moulds
 - c. Suspension tooling for hard disk drive parts
 - d. Progressive tooling for lead frames
 - e. Fibre-optic connection tooling
 - f. Moulds, tools and dies for automotive industry
2. Design, development and manufacture of advanced toolings and equipment for the production of precision components / parts for industrial applications
3. Development and production of precision machined and die cast parts using advanced manufacturing systems
4. Design and development including prototyping

LIST OF PROMOTED ACTIVITIES AND PRODUCTS – HIGH TECHNOLOGY COMPANIES

FOOD PRODUCTION AND

FOOD PROCESSING

1. Food production using emerging technologies and advanced farming systems
2. Development, testing and manufacturing of food products using emerging technologies and advanced manufacturing systems

WOOD PROCESSING

1. Development, testing and processing of engineered wood products

IRON AND STEEL

1. Super fine spring wire of diameter 2.0mm and below

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