

Application for Investee Company Certification Classification of Technology-based Business Activities

For the purpose of complying with the requirement of the qualifying activities approved by the Ministry of Finance on the involvement in technology-based business activities, the venture company should be involved in design, development and manufacture/production/application in any of the areas under sections I to X.

I. Advanced electronics and information technology

(a) Components

- (i) Input/output technologies
- (ii) Storage and batteries
- (iii) Smart cards
- (iv) Integrated circuits
- (v) Micro-processors

(b) Systems and architectures

- (i) Operating systems environments
- (ii) Software component architectures
- (iii) Computing platforms



(iv) Micro-processor based products

(v) Security

(vi) Neural networks

(vii) Fuzzy logic systems

(viii) Display systems

(ix) Pattern recognition system and image processing

(x) Machine vision

(c) Software

(i) Fuzzy logic systems

(ii) Application development environments

(iii) Database management systems

(iv) Groupware, workflow, document and knowledge management

(v) Systems and network management

(vi) Animation, graphics, visualisation, image solutions, computer aided design (CAD), shrink-wrap software

(d) Applications

(i) Electronic commerce

(ii) Data warehousing



(iii) Corporate applications

(e) Communications

(i) Transmission media

(ii) Networking systems and protocols

(iii) Internet and intranet

(f) Supporting products and services

(i) Uninterrupted power supply

(ii) Network equipment/modem, server, etc.

II. Telecommunications

(a) Telecommunication network

(b) Cellular/fixed lines services

(c) International gateway facilities

(d) Value-added interactive voice and data services

(e) Value-added network data services

(f) Radio paging

(g) Satellite-based communications

(h) Maritime and broad band communication



(i) Equipment, components and parts

III. Equipment/instrumentation, automation and flexible manufacturing systems

- (a) Scientific, laboratory and medical equipment
- (b) Medical implants, devices and prostheses
- (c) Computer process control systems/equipment
- (d) Wireless technology and wireless processes
- (e) Process instrumentation
- (f) Robotics
- (g) Computer numerical control (CNC) machine tools
- (h) High precision cutting/measurement/calibration machines
- (i) Precision moulding
- (j) Powder metallurgy
- (k) Advanced factory machine operations
- (l) Rapid tooling and prototyping

IV. Healthcare

- (a) Pharmaceuticals
- (b) Medical products



- (c) Diagnostic and imaging
- (d) Telemedicine
- (e) Healthcare management organisations

V. Electro-optics, non-linear optics and optoelectronics

- (a) Optical lenses
- (b) Laser application equipment and peripherals
- (c) Photonics, including fibre-optics communication equipment and peripherals
- (d) Optoelectronics systems components
- (e) Optical systems components
- (f) Semiconductor lasers

VI. Advanced materials

- (a) Polymers, biopolymers and other biomaterials
- (b) Superconductors
- (c) Fine ceramics and advanced ceramics
- (d) High strength composites
- (e) Specialty materials, rare earth elements, smart materials and new alloys
- (f) Magnetic and permanent magnetic materials

VII. Transportation



- (a) Split engines
- (b) High performing engines
- (c) Micro engines
- (d) Transport navigation and tracking systems

VIII. Value-add services

- (a) Education and training relating to application of smart technologies
- (b) System developers, system integrators, content or solution providers

IX. Emerging technologies

- (a) Emerging technologies as may be added from time-to-time or considered on a case – by - case basis