



INLAND REVENUE BOARD OF MALAYSIA

INVESTMENT TAX ALLOWANCE – PROMOTED PRODUCT UNDER THE MANUFACTURING SECTOR

PUBLIC RULING NO. 1/2024

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PUBLIC RULING OF THE DIRECTOR GENERAL

Section 138A of the Income Tax Act 1967 (ITA) provides that the Director General is empowered to make a Public Ruling in relation to the application of any provisions of the ITA.

The Public Ruling is published as a guide for the public and officers of the Inland Revenue Board of Malaysia. It outlines the interpretation of the Director General in relation to the particular provisions of the tax law and the policy as well as the procedures applicable thereto.

The Director General may withdraw this Public Ruling entirely or partly through a notice of withdrawal or by publishing a new Public Ruling.

**Director General of Inland Revenue,
Inland Revenue Board of Malaysia.**

1. Objective

This Public Ruling (PR) provides an explanation regarding the investment tax allowance that can be applied for by a company which participates or intends to participate in a business in the manufacturing sector in relation to the production of a promoted product that is listed in Malaysia, reinvestment in particular industries and selected industries, as well as for high technology companies and small scale companies.

Explanations in this PR do not cover the production of promoted products under the provisions of sections 4A, 4B, and 4E of the Promotion of Investments Act 1986 (PIA).

2. Relevant Provisions of the Law

- 2.1. This PR takes into account laws which are in force as at the date this PR is published.
- 2.2. The provisions of the Income Tax Act 1967 (ITA) that are related to this PR are sections 2, 8, 42, and Schedule 3.
- 2.3. The provisions of the PIA related to this PR are sections 2, 4, 4D, 4F, 26, 26F, 26I, 26K, 27, 27F, 27I, 27K, 27P, 28, 28A, 29, 29A, 29AA, 29G, 29J, 29L, 29Q, 29R, 30A, and 43A.
- 2.4. Relevant subsidiary legislations are –
 - (a) Promotion of Investments (Declaration of Shareholders' Funds in Relation to a Small Scale Company under Section 2) Order 1989 *P.U. (A) 83/1989*];
 - (b) Promotion of Investments (Promoted Activities and Promoted Products for High Technology Companies) Order 2012 [*P.U. (A) 59/2012*];
 - (c) Promotion of Investments (Promoted Activities and Promoted Products for Selected Industries) Order 2012 [*P.U. (A) 60/2012*];
 - (d) Promotion of Investments (Promoted Activities and Promoted Products for Reinvestment) Order 2012 [*P.U. (A) 61/2012*];
 - (e) Promotion of Investments (Promoted Activities and Promoted Products) Order 2012 [*P.U. (A) 62/2012*];

- (f) Promotion of Investments (Promoted Activities and Promoted Products for Small Scale Companies) Order 2012 [*P.U. (A) 63/2012*];
- (g) Promotion of Investments (Declaration of Shareholders' Funds in Relation to a Small Scale Company under Section 2) (Amendment) Order 2013 [*P.U. (A) 140/2013*]; and
- (h) Promotion of Investments (Promoted Activities and Promoted Products for High Technology Companies) (Amendment) Order 2018 [*P.U. (A) 336/2018*].

3. Interpretation

The terms used in this PR have the following meanings:

- 3.1 “Promoted activity” means a manufacturing, agricultural, integrated agricultural, hotel, tourist, or other industrial or commercial activity determined by the Minister in accordance with section 4 and includes activities that are referred to in sections 4A, 4B, 4D, 4E, 4F, or subsection 5(1A) of the PIA.
- 3.2 “Integrated agricultural activity” means an activity that comprises the production of agricultural produce and the manufacturing of such produce and includes any activity which is related and incidental to such activity.
- 3.3 “Incurred” has the same meaning assigned to it in paragraphs 46 and 55 of Schedule 3 of the ITA.
- 3.4 “Promoted product” means any product determined by the Minister in accordance with section 4 and includes products referred to in sections 4A, 4B, 4D, 4E, 4F, or subsection 5(1A) of the PIA.
- 3.5 “Minister”, except where there is a specific reference to the Minister of Finance, means the Minister of International Trade and Industry.
- 3.6 “Statutory income” in relation to a person, a source, and a year of assessment (YA), means statutory income ascertained in accordance with section 42 of the ITA.
- 3.7 “Company” means a company—
 - (a) incorporated in Malaysia under the Companies Act 2016 [*Act 777*]; and
 - (b) resident in Malaysia in the basis year for a YA.
- 3.8 “Related company” has the same meaning assigned to it under subsection

2(1) of the PIA.

3.9 “Basis year” for a YA means the calendar year that coincides with the YA.

3.10 “Year of assessment” means a calendar year.

3.11 “Basis period” in relation to a person, a source of his, and a YA means the basis period, if any, as determined under section 21 or section 21A of the ITA.

4. Introduction

Companies in the manufacturing sector that participate or intend to participate in producing a promoted product in Malaysia may apply to the Minister to enjoy investment tax allowance. Investment tax allowance is a tax incentive given in the form of a tax deduction (allowance) on the qualifying expenditure (QE) incurred by a manufacturing company in the basis period for a YA for the purpose of producing a promoted product. Typically, the company will spend a substantial amount of capital in preparation for the production/manufacturing of such promoted products. Accordingly, the greater the capital expenditure incurred, the greater the amount of investment tax allowance that the company can claim, subject to the conditions set for each category of approved investment tax allowance.

5. Promoted Product Under the Manufacturing Sector

The Minister, with the concurrence in writing of the Minister of Finance, will determine the promoted products from time to time for the purpose of the investment tax allowance incentive. The list of promoted products under the manufacturing sector has been published through the gazetting of several subsidiary legislatives. Products that have national and strategic importance can also be determined on a case-by-case basis as promoted products.

5.1. Promoted Products under the General List

The list of promoted activities and promoted products under the general list has been gazetted in the Promotion of Investments (Promoted Activities and Promoted Products) Order 2012 [*P.U.(A) 62/2012*]. Promoted products for the manufacturing sector are shown in Appendix 1 (Promoted Products under the General List for the Manufacturing Sector).

5.2. Promoted Products for High Technology Companies

5.2.1. The Promotion of Investments (Promoted Activities and Promoted Products for High Technology Companies) Order 2012 [*P.U.(A) 59/2012*] lists promoted activities and promoted

products for high technology companies. The list in Appendix 2 (Promoted Products for High Technology Companies under the Manufacturing Sector) is promoted products that can be applied for by high technology companies in the manufacturing sector.

- 5.2.2. A “high technology company” that is eligible to apply for this investment tax allowance is a company that is involved in promoted activities or in the production of promoted products in the field of emerging and new technologies.
- 5.2.3. Royalties and other income derived from intellectual property (IP) rights cannot be included in the incentive scope of investment tax allowance for high technology companies in compliance with the requirements of the Forum on Harmful Tax Practices (FHTP). The Promotion of Investments (Promoted Activities and Promoted Products for High Technology Companies) (Amendment) Order 2018 [P.U.(A) 336/2018], which amended P.U.(A) 59/2012, has been gazetted for this purpose. This measure is adopted to fulfil Malaysia's commitment as an associate member of the Base Erosion and Profit Shifting (BEPS) under the Organisation for Economic Co-operation and Development (OECD).
- 5.2.4. High technology companies that have been granted investment tax allowance are required to exclude IP rights income in the computation of the investment tax allowance claimed. Separate accounts are to be kept for such IP rights income. The effective commencement date on which IP rights income was removed from the incentive scope of investment tax allowance for high technology companies are as follows:

- (a) Effective from 1 July 2018 until 30 June 2021

Royalties and other income that are derived from new IP rights (which are not from existing IP rights) owned by the high technology company or where the high technology company is the licensee of the IP rights, are excluded.

- (b) Effective on or after 1 July 2021

Royalties and other income that are derived from all IP rights owned by the high technology company or where the high technology company is a licensee of the IP rights, are excluded.

5.2.5. Explanations of terms used in paragraph 5.2.4 are as follows:

- (a) “Royalties or other income derived from IP rights”, are royalties or other income received in return for the commercial exploitation of such IP rights.
- (b) “Intellectual property right” means a right arising from any patent, utility innovation and discovery, copyright, trade mark and service mark, industrial design, layout-design of integrated circuit, secret processes or formulae and know-how, geographical indication and the grant of protection of a plant variety, or other like rights, whether or not registered or registrable.
- (c) “Existing intellectual property right” means an IP right in relation to the promoted activities and promoted products listed in the First Schedule of P.U.(A) 59/2012, of which a high technology company became the owner or licensee before 1 July 2018, and it is not a new IP right.
- (d) “New intellectual property right” means an IP right related to promoted activities and promoted products for a High technology company –
 - (i) where the high technology company became the owner or licensee of the right on or after 1 July 2018; or
 - (ii) where the high technology company became the owner or licensee of the right after 16 October 2017 but before 1 July 2018 as a result of an acquisition by the high technology company, directly or indirectly, from a related company, with the main purpose or one of the main purposes of the acquisition being to avoid income tax in Malaysia or elsewhere.

5.3. Promoted Products for Small Scale Companies

5.3.1. The list of promoted activities and promoted products for small scale companies has been gazetted under the Promotion of Investments (Promoted Activities and Promoted Products for Small Scale Companies) Order 2012 [P.U.(A) 63/2012]. The list of promoted products for small scale companies that are involved in the manufacturing sector can be referred to in Appendix 3 (Promoted Products for Small Scale Companies Under the Manufacturing Sector).

5.3.2. A small scale company that is eligible to apply for this incentive must fulfil the meaning of a “small company” as defined under subsection 2(1) of the PIA, which, unless otherwise specified, means a company—

(a) which is incorporated in Malaysia pursuant to the Companies Act 2016 [Act 777]; and

(b) which is a resident in Malaysia during the basis year for a YA,

whose shareholders’ funds on the date of the grant of pioneer status and issuance of a pioneer certificate does not exceed an amount declared in the Promotion of Investments (Declaration of Shareholders’ Funds in Relation to a Small Scale Company under Section 2) (Amendment) Order 2013 [P.U. (A) 140/2013].

5.4. Promoted Products Under Selected Industries

The list of promoted activities and promoted products for companies that are involved in selected industries has been gazetted under the Promotion of Investments (Promoted Activities and Promoted Products for Selected Industries) Order 2012 [P.U.(A) 60/2012]. Promoted products for the manufacturing sector are shown in Appendix 4 (Promoted Products for Selected Industries Under the Manufacturing Sector).

5.5. Promoted Products for Reinvestment

5.5.1. The list of promoted activities and promoted products for companies that carry out reinvestment activities has been gazetted under the Promotion of Investments (Promoted Activities and Promoted Products for Reinvestment) Order 2012 [P.U.(A) 61/2012], and can be referred to in Appendix 5 (Promoted Products for Reinvestment Under the Manufacturing Sector).

5.5.2. “Reinvestment” means, in relation to manufacturing activities, the capital expenditure incurred in Malaysia as stipulated under paragraph 29(7)(a) and subsection 29(8) of the PIA for the purpose of expansion, modernisation or automation of production facilities for the same promoted activities or promoted products.

6. Investment Tax Allowance

6.1. Application and Approval of the Investment Tax Allowance

6.1.1. Any manufacturing company that participates in or intend to participate in Malaysia in the production of promoted products may submit a written application to obtain investment tax allowance approval from the Minister, with the concurrence in writing of the Minister of Finance. An investment tax allowance approval letter is issued to a successful applicant, stating the terms and conditions that the company must comply with throughout the incentive period.

6.1.2. An explanation regarding the application and approval of investment tax allowance can be referred to in Public Ruling No. 4/2023, titled Investment Tax Allowance – Overview, which can be found on the official portal of the Inland Revenue Board of Malaysia (IRBM) at www.hasil.gov.my.

6.2. Terms and Conditions of Approval of the Investment Tax Allowance

The investment tax allowance approved by the Minister is subject to terms and conditions, including the condition to keep a separate account, with the concurrence in writing of the Minister of Finance. These terms and conditions are stated in the approval letter for investment tax allowance, and the company must abide by the terms and conditions throughout the incentive period. The claim for investment tax allowance can only be made after a confirmation letter of compliance with the terms and conditions of investment tax allowance approval has been issued by Malaysian Investment Development Authority (MIDA).

6.3. Investment Tax Allowance Rate, Exempt Statutory Income Rate, and Incentive Period Based on the List of Promoted Products

6.3.1. The approved investment tax allowance incentive will state the investment tax allowance rate on QE, the business statutory income rate regarding the promoted products that can be set off against the investment tax allowance, and the incentive period for approved companies to incur QE.

6.3.2. The given investment tax allowance rate on the QE incurred, the exempt statutory income rate and the incentive period based on the list of promoted products, are summarised in the table below.

Investment Tax Allowance Rate and Exempt Statutory Income Rate

Promoted Products	Investment Tax Allowance		
	Investment Tax Allowance Rate on QE (%)	Exempt Statutory Income Rate (%)	Incentive Period (Number of Years)
General list	60	70	5 + 5 ¹
High technology company	60	100	5
Small scale company	60	100	5
Selected industry	100	100	5
Reinvestment			
Oil palm biomass	100	100	5
Resource-based	60	70	5

Note:

¹An additional period of five (5) years from the effective date determined by the Minister, which is a date within or after five (5) years, is given to manufacturing companies in Malaysia that have been granted investment tax allowance related to integrated agricultural activities.

6.4. Withdrawal and Surrender of Investment Tax Allowance Approval

6.4.1. The Minister, with the concurrence in writing of the Minister of Finance, may withdraw the investment tax allowance approval of any company found to have failed to comply with any of the conditions set out in the approval letter.

6.4.2. Any company that has been approved with investment tax allowance may surrender such investment tax allowance approval at any time for any reason, except for the purpose of making an application for pioneer status incentive for the same promoted products, subject to the Minister’s approval, with the concurrence in writing of the Minister of Finance.

6.4.3. Explanations regarding withdrawal and surrender of the investment tax allowance approval can be referred to in Public Ruling No. 4/2023, titled Investment Tax Allowance – Overview, which can be found on the official portal of IRBM at www.hasil.gov.my.

7. Qualifying Expenditure for Investment Tax Allowance

- 7.1. QE for the purpose of investment tax allowance for promoted products under the manufacturing sector is the capital expenditure incurred on factories or any plant and machinery used in Malaysia in relation to and for the purpose of promoted products.
- 7.2. QE does not include the capital expenditure incurred on buildings used as dwellings, plant or machinery where the building, plant or machinery is provided in its entirety or partially for the use of directors or individuals who are members of the management, administration or clerical staff.
- 7.3. The amount of investment tax allowance granted in any YA will depend on the QE incurred by the company in relation to the promoted products. Under Section 2 of the PIA, the term "incurred" has the same meaning assigned to it in paragraphs 46 and 55 of Schedule 3 of the ITA.
- 7.4. Public Ruling No. 4/2023, titled Investment Tax Allowance – Overview, can be referred to for detailed explanations related to QE and non-qualifying capital expenditure for the purpose of investment tax allowance. This PR can be found on the official portal of IRBM at www.hasil.gov.my.

8. Tax Treatment for Investment Tax Allowance

- 8.1. A company that has been granted investment tax allowance approval is qualified to claim investment tax allowance at the approved rate of 60% or 100% of the QE incurred in the basis period for a YA for the business of a promoted product.
- 8.2. Such investment tax allowance is the QE incurred by the company during the five (5)-year incentive period commencing from the effective date of the approved incentive. The effective date of the incentive refers to the date of the QE incurred by the company for the purpose of the approved investment tax allowance and cannot exceed three (3) years earlier than the date of the investment tax allowance application is made.
- 8.3. Companies may claim income tax exemption by utilising the investment tax allowance granted to set-off up to 70% or 100% of the statutory income from the business of a promoted product.
- 8.4. In a circumstance where the investment tax allowance is not fully utilised to set-off against the statutory income, such unutilised investment tax allowance amount may be carried forward to the next YA to be deducted from the statutory income of the business of the same promoted product until the entire investment tax allowance claim is fully utilised.

- 8.5. Further explanations regarding tax treatment for investment tax allowance may be referred to in Public Ruling No. 4/2023, titled Investment Tax Allowance – Overview, which can be found on the official portal of IRBM at www.hasil.gov.my.

Example 1

Kayu Kayan Sdn Bhd (KKSB) is a timber manufacturing company and closes its financial account on 31 December every year. KKSB was granted investment tax allowance for a five (5) year-period to produce product A, a wood-based product that is a promoted product under the general list. The investment tax allowance rate under the general list is 60% and may be set-off against 70% of statutory income. The effective date of the investment tax allowance was determined to commence on 15 February 2020.

The capital expenditure incurred by KKSB for Product A were as follows:

Details	Date of Purchase	Purchase Cost
Machine P	15 February 2020	1,000,000 ²
Machine Q	1 November 2021	4,000,000 ³
Machine R	1 June 2022	2,000,000 ⁴

KKSB embarked on the production of Product A on 7 January 2023. MIDA confirmed in a letter dated 1 October 2023, that KKSB has complied with all the investment tax allowance approval conditions on 1 September 2023. The details of statutory income for Product A were as follows:

YA	Statutory Income for Product A (RM)
2023	600,000 ⁵
2024	2,500,000 ⁶

The rate of investment tax allowance granted is 60% of the QE incurred by KKSB in respect of Product A within five (5)-year period commencing from 15 February 2020 to 14 February 2025. The investment tax allowance computation at the rate of 60% of the incurred QE is as follows:

Computation of Investment Tax Allowance for Product A

YA	Qualifying Expenditure (RM) A	Investment Tax Allowance (RM) (A x 60%)
2023	7,000,000 (1,000,000 ² + 4,000,000 ³ + 2,000,000 ⁴)	4,200,000 ⁷

Note:

²Capital expenditure for Machines P, Q and R amounting to RM7,000,000, were QE even though they were incurred before KKSB embarked on production. QE for Machine P, Q and R were deemed incurred on **7 January 2023**, when the machines were ready to be used for business purpose of the approved promoted product.

Investment tax allowance will be set-off against 70% of the statutory income of KKSB related to Product A commencing from YA 2023. The computation of taxable income for Product A is as follows –

Computation of Chargeable Income for Product A for the YA 2023

Details	RM	RM
Statutory income of Product A		600,000 ⁵
Less : Investment tax allowance		
Current year investment tax allowance	4,200,000 ⁷	
Utilised investment tax allowance (limited to 70% of statutory income)	(420,000)	(420,000)
Unutilised Investment tax allowance carried forward	3,780,000 ⁸	
Chargeable income		180,000

**Computation of Taxable Income for Product A for the YA 2024
Assessment**

Details	RM	RM
Statutory income of Product A		2,500,000 ⁶
Less: Investment tax allowance		
Unutilised investment tax allowance brought forward	3,780,000 ⁸	
Utilised investment tax allowance (limited to 70% statutory income)	(1,750,000)	(1,750,000)
Unutilised investment tax allowance carried forward	2,030,000 ⁹	
Chargeable income		750,000

Note:

⁹Unutilised investment tax allowance of RM2,030,000 can be carried forward to the following years of assessment, to be deducted up to 70% of the statutory income of Product A until such investment tax allowance is fully utilised.

Example 2

The fact is the same as in Example 1.

KKSB planned to increase Product A's production capacity to meet the increase in demand. KKSB applied for investment tax allowance for reinvestment on 20 February 2025, that is, after the expiration of the period for the previous investment tax allowance. The investment tax allowance approval was received on 10 April 2025. The incentive period of the investment tax allowance for reinvestment was five (5) years and was determined to be effective from 15 March 2025 to 14 March 2030.

KKSB was confirmed to have complied with the conditions of the investment tax allowance approval for reinvestment on 30 September 2025 by MIDA, as stated in a letter dated 1 December 2025.

The statutory income for Product A for YA 2025 was RM 2,700,000¹⁰. Unutilised investment tax allowance to be carried forward from the YA 2024 was RM2,030,000⁹.

The capital expenditure incurred by KKS B for Product A's reinvestment were as follows:

Details	Date of Purchase	Purchase Cost
Machine S	15 March 2025	500,000
Machine T	10 May 2025	1,600,000

The computation of investment tax allowance for reinvestment at a rate of 60% on the QE incurred is as follows:

Computation of Investment Tax Allowance (Reinvestment) for Product A

YA	Qualifying Expenditure Incurred (RM) A	Investment Tax Allowance (RM) (A x 60%)
2025	2,100,000	1,260,000 ¹¹

The investment tax allowance for reinvestment is to be set-off up to 70% of the statutory income of KKS B's Product A commencing from YA 2025. The computation of chargeable income for Product A is as follows:

Computation of Chargeable Income for Product A for the YA 2025

Particulars	RM	RM
Statutory income of Product A		2,700,000 ¹⁰
Less: Investment tax allowance		
Unutilised investment tax allowance brought forward	2,030,000 ⁹	
Current year investment tax allowance	1,260,000 ¹¹	
	3,290,000	
Utilised investment tax allowance in YA 2025 (limited to 70% of statutory income)	(1,890,000)	(1,890,000)
Unutilised investment tax allowance carried forward	1,400,000 ¹²	
Taxable Income		810,000

Note:

¹²Unutilised investment tax allowance of RM1,400,000 can be carried forward to the following years of assessment, to be set-off up to 70% of the statutory income of Product A until such investment tax allowance is fully utilised.



9. Disclaimer

The examples in this PR are for illustration only and are not exhaustive.

**Director General of Inland Revenue,
Inland Revenue Board of Malaysia.**

APPENDIX 1

**PROMOTED PRODUCTS UNDER THE
GENERAL LIST FOR THE MANUFACTURING SECTOR**

Industries	Products
(A) Processing of agricultural produce	(1) Chocolate and chocolate confectionery (2) Vegetables, tubers or roots and fruits (3) Livestock products (4) Agricultural waste or agricultural by-products (5) Aquatic products (6) Aquaculture feed (7) Plant extracts for pharmaceutical, perfumery, cosmetic, or food industries and essential oils (8) Food supplements (9) Additives, flavours, colourings, and functional ingredients
(B) Manufacture of rubber products	(1) Tyres for earthmover, agricultural vehicles, industry vehicles, commercial vehicles, motorcycle and aircraft (2) Latex products: Safety or special function gloves (3) Dry rubber products: (a) Beltings (b) Hoses, pipes, and tubings (c) Rubber profiles (d) Seals, gaskets, washers, packings, rings, and rubber linings (e) Anti-vibration, damping and sound insulation products
(C) Manufacture of palm oil products and their derivatives	(1) Oleochemicals or oleochemical derivatives or preparations (2) Palm based nutraceuticals, constituents of palm oil or palm kernel oil

APPENDIX 1

**PROMOTED PRODUCTS UNDER THE
GENERAL LIST FOR THE MANUFACTURING SECTOR**

Industries	Products
	<ul style="list-style-type: none"> (3) Palm based food products and ingredients: <ul style="list-style-type: none"> (a) Special animal fat replacer (b) Palm-based mayonnaise and salad dressing (c) Milk or coconut powder substitute (d) Red palm oil and related products (e) Palm-based food ingredient (f) Modified palm oil and palm kernel oil products (g) Margarine, vanaspati, shortening or other manufactured fat products (h) Cocoa butter replacers, cocoa butter substitutes, cocoa butter equivalent, palm mid fraction or special olein (4) Processed products from: <ul style="list-style-type: none"> (a) Palm kernel cake (b) Palm oil mill effluent (c) Palm biomass
(D) Manufacture of chemicals and petrochemicals	<ul style="list-style-type: none"> (1) Chemical derivatives or preparations from organic or inorganic sources (2) Petrochemical products
(E) Manufacture of pharmaceutical and related products	<ul style="list-style-type: none"> (1) Pharmaceutical or Biopharmaceuticals (2) Nutraceuticals (3) Microbials and probiotics
(F) Manufacture of wood-based products	<ul style="list-style-type: none"> (1) Design, development and production of wooden furniture (2) Engineered wood products excluding plywood

APPENDIX 1

**PROMOTED PRODUCTS UNDER THE
GENERAL LIST FOR MANUFACTURING SECTOR**

Industries	Products
(G) Manufacture of pulp, paper and paperboard	Corrugated medium paper, testliner or kraftliner or kraft paper and paperboard
(H) Manufacture of kenaf-based products	Kenaf based products such as animal feed, kenaf particle or fibre, reconstituted panel board or products (such as particleboard, medium density fibreboard) and moulded products
(I) Manufacture of textiles and textile products	<ol style="list-style-type: none"> (1) Natural or man-made fibres (2) Yarn of natural or man-made fibres (3) Woven fabrics (4) Knitted fabrics (5) Non-woven fabrics (6) Finishing of fabrics such as bleaching, dyeing, and printing (7) Specialized apparel (8) Technical or functional textile and textile products
(J) Manufacture of clay-based, sand-based and other non-metallic mineral products	<ol style="list-style-type: none"> (1) High alumina or basic refractories (2) Laboratory, chemical or industrial wares (3) Synthetic diamonds (4) Crystallized or moulded glass such as bricks, tiles, slabs, pellets, paving blocks and squares (5) Absorbent mineral clay (6) Marble and granite products (7) Panels, boards, tiles, blocks or similar articles of natural and synthetic fibre agglomerated with cement, plaster or other mineral binding substance
(K) Manufacture of iron and steel	<ol style="list-style-type: none"> (1) Blooms or slabs of steel (2) Shapes or sections of steel of height more than 200mm

APPENDIX 1

**PROMOTED PRODUCTS UNDER THE
GENERAL LIST FOR THE MANUFACTURING SECTOR**

Industries	Products
	<ul style="list-style-type: none"> (3) Plates, sheets, coils, hoops or strips of steel: <ul style="list-style-type: none"> (a) Hot rolled (b) Cold rolled or cold reduced (4) Seamless steel pipes (5) Ferromanganese, silicon manganese or ferrosilicon (6) Electrolytic galvanised steel sheet in coil
(L) Manufacture of non-ferrous metal and its products	<ul style="list-style-type: none"> (1) Primary ingots, billets or slabs of non-ferrous metals other than tin metals (2) Bars, rods, shapes or sections of non-ferrous metals except EC copper rods (3) Plates, sheets, coils, hoops or strips of non-ferrous metals (4) Pipes or tubes of non-ferrous metal (5) Aluminum composite panel
(M) Manufacture of machinery and machinery components	<ul style="list-style-type: none"> (1) Specialised machinery or equipment for specific industry (2) Power generating machinery or equipment (3) General industrial machinery or equipment (4) Modules for machinery or equipment and industrial parts or components (5) Metalworking machinery or equipment (6) Upgrading or reconditioning machinery or equipment including heavy machinery
(N) Supporting products or services	<ul style="list-style-type: none"> (1) Metal castings (2) Metal forgings (3) Surface engineering (4) Machining, jigs, and fixtures (5) Moulds, tools, and dies
(O) Manufacture of electrical and electronic products,	<ul style="list-style-type: none"> (1) Semiconductor: <ul style="list-style-type: none"> (a) Wafer fabrication (b) Semiconductor assembly

APPENDIX 1

**PROMOTED PRODUCTS UNDER THE
GENERAL LIST FOR THE MANUFACTURING SECTOR**

Industries	Products
<p>and components and parts thereof and related services</p>	<ul style="list-style-type: none"> (c) Semiconductor components and parts: <ul style="list-style-type: none"> (i) Advanced substrates (ii) Solder materials (iii) Bond pads (d) Semiconductor tools: <ul style="list-style-type: none"> (i) Wafer carriers (ii) Integrated Circuit (IC) carriers (iii) Photomask and mask blank (2) Advanced display products and parts: <ul style="list-style-type: none"> (a) Advanced display products (b) Advanced display modules (c) Backlighting systems (3) Information and Communication Technology (ICT) products, systems, or devices: <ul style="list-style-type: none"> (a) Digital convergence products or devices (b) Data storage systems or devices (4) Digital entertainment or Infotainment products: <ul style="list-style-type: none"> (a) Digital TV (b) Digital home theatre systems or products thereof (c) Digital audio or video or image recorders or players (5) Optoelectronic equipment, systems, devices or components: <ul style="list-style-type: none"> (a) Photonics devices or components (b) Optoelectronics equipment, systems, devices or components (c) Optical fibres or optical fibre products (6) Electronic tracking or security systems or devices: <ul style="list-style-type: none"> (a) Voice or pattern or vision recognition or synthesis equipments or systems or devices

APPENDIX 1

**PROMOTED PRODUCTS UNDER THE
GENERAL LIST FOR THE MANUFACTURING SECTOR**

Industries	Products
	<ul style="list-style-type: none"> (b) Electronic navigational and tracking equipment or systems or devices (c) Radio frequency identification (RFID) systems or devices (7) Electronic components <ul style="list-style-type: none"> (a) Multilayer or flexible printed circuit boards (b) Advanced connectors (8) Alternative energy equipment, products, systems, devices or components <ul style="list-style-type: none"> (a) Solar cells or panels or module or systems (b) Rechargeable batteries or storage system (c) Fuel cells (9) Energy saving lighting (10) Electrical products: <ul style="list-style-type: none"> (a) Uninterruptible power supplies (b) Inverters or converters
(P) Manufacture of professional, medical, scientific and measuring devices or parts	<ul style="list-style-type: none"> (1) Medical, surgical, dental or veterinary devices or equipment and parts or components or accessories thereof (2) Testing, measuring or laboratory equipment or apparatus
(Q) Manufacture of plastic products	<ul style="list-style-type: none"> (1) Specialised plastic films or sheets (2) Geosystems products (3) Engineering plastic products (4) Products moulded under clean room conditions (5) Biopolymers or products thereof
(R) Protective equipment and devices	<ul style="list-style-type: none"> (1) Coated or knitted safety gloves (2) Advanced ballistic protection glass

APPENDIX 1

**PROMOTED PRODUCTS UNDER THE
GENERAL LIST FOR THE MANUFACTURING SECTOR**

Industries	Products
	(3) Fall protection equipment
(S) Miscellaneous	(1) Sports goods or equipment (2) Jewellery of precious metals (3) Costume jewellery (4) Biodegradable disposable packaging products and household wares

APPENDIX 2

**PROMOTED PRODUCTS FOR
HIGH TECHNOLOGY COMPANIES UNDER THE MANUFACTURING SECTOR**

Industries	Products
(A) Design, development and manufacture of advanced electronics and computing	Design, development and manufacture of: <ul style="list-style-type: none"> (a) high-density modules or systems (b) advanced display (c) advanced semiconductor devices (d) advanced connectors (e) data storage devices or systems (f) advanced substrates (g) information and telecommunication products, systems or devices (h) digital entertainment or infotainment products (i) optoelectronic equipment, systems or devices (j) electronic security and surveillance systems or devices (k) electronic machines and equipment systems or devices (l) advanced electronic components
(B) Professional, medical, scientific and measuring devices or their parts	Design, development and manufacture of: <ul style="list-style-type: none"> (a) medical equipment, parts, or components (b) medical implant, medical devices, parts or components (c) testing, measuring or laboratory equipment or apparatus
(C) Biotechnology	Development, testing and manufacture of: <ul style="list-style-type: none"> (a) pharmaceuticals (b) fine chemicals (c) biodiagnostics
(D) Advanced materials	<ul style="list-style-type: none"> (1) Development and manufacture of: <ul style="list-style-type: none"> (a) polymers or biopolymers (b) fine ceramics or advanced ceramics (c) high strength composites (2) Nano particles and their formulations

APPENDIX 2

**PROMOTED PRODUCTS FOR THE
HIGH TECHNOLOGY COMPANIES UNDER MANUFACTURING SECTOR**

Industries	Products
(E) Alternative energy technology	Design, development and manufacture of products, equipment, systems, devices or components for use in alternative energy sector
(F) Iron and steel	Super fine wire of diameter 2.0mm and below

APPENDIX 3

**PROMOTED PRODUCTS FOR
SMALL SCALE COMPANIES UNDER THE MANUFACTURING SECTOR**

Industries	Products
(A) Processing of agricultural produce	(1) Coffee (2) Tea (3) Fruits (4) Vegetables (5) Herbs or spices (6) Cocoa and cocoa products (7) Coconut products except copra and crude coconut oil (8) Starch and starch products (9) Cereal products (10) Sugar and confectionary products (11) Plant extracts (12) Apiculture products (13) Animal feed ingredients (14) Agricultural waste and by-products
(B) Forestry products	(1) Rattan products (excluding pole, peel and split) (2) Bamboo products (3) Other forestry products
(C) Manufacture of rubber products	(1) Moulded rubber products (2) Extruded rubber products (3) General rubber goods
(D) Manufacture of oil palm products and their derivatives	(1) Processed products from palm oil (2) Processed products from palm biomass or waste or by-products
(E) Manufacture of chemicals and pharmaceuticals	(1) Pigment preparation, dispersions and specialty coatings (2) Desiccant (3) Bio-resin (biopolymer) (4) Inkjet inks

APPENDIX 3

**PROMOTED PRODUCTS FOR
SMALL SCALE COMPANIES UNDER THE MANUFACTURING SECTOR**

Industries	Products
(F) Manufacture of wood and wood products	(1) Decorative panel boards (excluding plain plywood) (2) Timber mouldings (3) Builders' carpentry and joinery (4) Products derived from utilisation of wood waste (example: activated charcoal, wooden briquettes and wood wool) (5) Wooden household and office articles
(G) Manufacture of paper and paperboard products	Moulded paper products
(H) Manufacture of textiles and textile products	(1) <i>Batik or songket or pua</i> (2) Accessories for textile industry
(I) Manufacture of clay-based and sand-based products and other non-metallic mineral products	(1) Artware, ornaments and articles of ceramic or glass (2) Abrasive products for grinding, polishing, and sharpening
(J) Manufacture of iron and steel products, non-ferrous metals and their products	(1) Wire and wire products (2) Fabricated products
(K) Supporting products and services	(1) Metal stamping (2) Industrial seals or sealing materials
(L) Manufacture of transport components, parts, and accessories	Transport components, parts and accessories
(M) Manufacture of parts and components for machinery and equipment	Parts and components for machinery and equipment

APPENDIX 3

**PROMOTED PRODUCTS FOR
SMALL SCALE COMPANIES UNDER THE MANUFACTURING SECTOR**

Industries	Products
(N) Manufacture of electrical and electronic products, components and parts thereof	(1) Consumer electrical products, parts and components (2) Consumer electronic products, parts and components (3) Industrial electrical products, parts and components (4) Industrial electronic products, parts and components
(O) Manufacture of furniture, parts and components	Furniture, parts and components
(P) Manufacture of games and accessories	Games and accessories
(Q) Manufacture of souvenirs	Souvenirs, giftwares and decorative wares
(R) Manufacture of plastic products	(1) Decorative panels and ornaments (2) Epoxy encapsulation moulding compound

APPENDIX 4

**PROMOTED PRODUCTS FOR
SELECTED INDUSTRIES UNDER THE MANUFACTURING SECTOR**

Industries	Products/Activities
(A) Machinery and equipment	(1) Machine tools (2) Material handling equipment (3) Robotics and factory automation equipment (4) Modules and components for machine tools, material handling equipment and robotic and factory automation equipment
(B) Specialized machinery and equipment	(1) Specialised process machinery or equipment for specific industries (2) Packaging machinery (3) Modules and components for specialised process machinery or equipment for specific industries and packaging machinery
(C) Oil palm biomass	Utilisation of oil palm biomass to produce value added products

APPENDIX 5

**PROMOTED PRODUCTS FOR
REINVESTMENT UNDER THE MANUFACTURING SECTOR**

Industries	Products/Activities
(A) Resource-based	(1) Rubber (2) Oil Palm (3) Wood
(B) Food processing	Food processing activity
(C) Oil palm biomass	Utilisation of oil palm biomass to produce value added products