

GUIDELINES FOR  
**IMPORTATION &  
INSPECTION OF  
WASTE PLASTIC**



**MAY 2025**  
EDITION 1

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MINISTRY OF  
INVESTMENT, TRADE AND INDUSTRY



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## 1 INTRODUCTION

- 1.1 The importation of waste plastic into Malaysia is regulated by the Ministry of Investment, Trade and Industry (MITI) and is subject to the issuance of a Certificate of Approval (COA) by SIRIM, in accordance with the Customs (Prohibition of Imports) (Amendment) Order 2025 ("the Order").
- 1.2 To facilitate compliance with the Order, the Guidelines for the Importation and Inspection of Waste Plastic ("the Guidelines") have been established. SIRIM implements the inspection process and issues the COA as per the Guidelines.
- 1.3 The purpose of the Guidelines is to provide a structured framework for the importation and inspection of waste plastic into Malaysia.
- 1.4 The Guidelines outline the requirements for the issuance of the COA and the acceptance criteria for waste plastic.
- 1.5 The Guidelines was prepared based on numerous consultations and discussions with representatives from the Ministry of Investment, Trade and Industry (MITI), Ministry of Natural Resources and Environmental Sustainability (NRES), National Solid Waste Management Department (JPSPN), Department of Environment (DOE), Malaysian Investment Development Authority (MIDA), Department of Atomic Energy Malaysia (Atom Malaysia), Royal Malaysian Customs Department (RMCD), port authorities / port operators, academia, associations and industry players.
- 1.6 This Guidelines shall be reviewed to accommodate changes in policies, laws or regulations involving the importation of waste plastic. The latest edition shall take precedence and be applied accordingly.
- 1.7 All applicants and relevant parties referenced in the Guidelines must adhere to the stipulated requirements and processes.

## 2 SCOPE OF APPLICATION

- 2.1 The Guidelines cover the regulatory framework of the importation of waste plastic into Malaysia for manufacturing purposes, where the waste is used to produce finished products or goods across various industries.
- 2.2 Applicable Tariff code

The importation of waste plastic falls under tariff code **39.15: Waste, parings and scrap of plastics**. For further details, refer to the **Amendment of Fourth Schedule, in Part 1** of the Customs (Prohibition of Imports) (Amendment) Order 2025.

- 2.3 Waste plastic can be imported into Malaysia via sea or land transport at all designated points of entry.

### 3 ELIGIBILITY CRITERIA FOR COA APPLICATION

The following outlines the eligibility criteria to be fulfilled **BEFORE** applying for COA:

- 3.1 Parties qualified to apply for the importation of waste plastic are as follows:
- (i) Manufacturers holding a valid Manufacturing License ("ML") approved by MITI; or
  - (ii) Manufacturers issued with a Confirmation Letter for a Company Exempted from the Manufacturing License (ICA 10) ("ICA 10") issued by MIDA.
- 3.2 The scope of the ML or ICA 10 shall include the target material intended for importation, and the manufacturer must have the in-house capability to process the specified imported target material, whether as a single material or in combination with other target materials. Certificate of Approval (COA) is only issued to manufacturers who meet both conditions.
- 3.3 Importation of waste plastic is **ONLY** allowed from:
- (i) Parties that have ratified the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal; or
  - (ii) Countries that have entered bilateral, multilateral, or regional agreements or arrangements regarding transboundary movement of waste plastic with Malaysia, that such agreements or arrangements do not derogate from the environmentally sound management of waste plastic as required by the Basel Convention.
- 3.4 Manufacturers who do not meet the eligibility criteria in clauses 3.1, 3.2, and 3.3 are not permitted to import waste plastic into Malaysia.

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3.5 The imported waste plastic shall comply with the criteria outlined in **TABLE 1** below.

**TABLE 1: ACCEPTANCE CRITERIA FOR WASTE PLASTIC**

<b>Criteria Grouping</b>	<b>Requirements</b>
<b>Waste</b>	<ul style="list-style-type: none"> <li>• Must be recyclable</li> <li>• Not directly from landfill</li> <li>• Packed/secured in recyclable container or packaging (e.g., jumbo bag, carton box) or baled with a recyclable wrapper</li> </ul>
<b>Target Material Purity</b>	<ul style="list-style-type: none"> <li>• Clean</li> <li>• Homogenous (single polymer type):               <ul style="list-style-type: none"> <li>▪ Homogeneity of target material = 99.5% min</li> <li>▪ Mixed target material can be accepted ONLY for a mixture of Polyethylene (PE), Polyethylene Terephthalate (PET), and Polypropylene (PP) from single product<sup>1</sup></li> <li>▪ Not applicable for Y48<sup>2</sup></li> </ul> </li> <li>• Importation of Y46<sup>3</sup> and Y48 categories are allowed subjected to Prior Informed Consent (PIC) procedure approval from DOE.</li> </ul>
<b>Allowable Contaminants</b>	<ul style="list-style-type: none"> <li>• Other materials such as stone/dirt/sand/paper/glass/wood/metal and other = 2% max</li> <li>• Residual liquid from moisture/condensation/water = Negligible amounts that will not lead to dripping</li> </ul>
<b>Prohibited Contaminants</b>	<ul style="list-style-type: none"> <li>• Clean and free from:           <ol style="list-style-type: none"> <li>i. Oil</li> <li>ii. Leachate</li> <li>iii. Mould</li> <li>iv. Bugs</li> <li>v. Scheduled / Hazardous waste</li> <li>vi. E-waste</li> <li>vii. Radioactive material</li> <li>viii. Food waste</li> <li>ix. Used Personal hygiene items</li> </ol> </li> </ul>

**Notes:**

- 1- Provided they are destined for separate recycling of each material in an environmentally sound manner.
- 2- Y48 is a waste plastic, including mixtures of such waste, with the exception listed in Annex II, Basel Convention on The Control of Transboundary Movements of Hazardous Wastes and Their Disposal. Refer to Annex 1 for the list of Y48.
- 3- Y46 is a waste plastic collected from households.

### 3.6 Requirements for Importing Waste Plastic

To import waste plastic into Malaysia, manufacturers must meet the following requirements:

(i) Valid License or Exemption

Hold a valid Manufacturing License (ML) or a Confirmation Letter for a Company Exempted from the Manufacturing License (ICA 10).

(ii) Waste Management or Recycling Facility

Manufacturers shall have waste management facilities or standard recycling processes capable of handling recoverable materials, to ensure the waste is processed in compliance with applicable local acts and regulations and in an environmentally sound manner.

(iii) SIRIM Inspection

Manufacturers shall obtain a Management of Imported Scrap and Waste (MISW) license, and having the following SIRIM Certification is encouraged:

- Product Certification License
- Eco-Labeling License
- MS ISO 9001 Certificate
- MS ISO 14001 Certificate

(iv) Volume Compliance

Ensure the imported waste plastic volume does not exceed the maximum quota determined based on SIRIM's inspection report and the annual national quota.

SIRIM will conduct audit and inspection to verify raw material quotas, maximum production capacity, and actual production capacity.

(v) Bank Guarantee

- a) Provide SIRIM with a Bank Guarantee as security for conformity with the Guidelines.
- b) The guaranteed amount must cover the highest shipping cost, including incidental costs, for returning non-conformant materials to their country of origin.

(vi) Insurance Policy

Insurance policy covering all risks is encouraged.

(vii) Operational and Environmental Compliance

- a) Ensure that the manufacturer's premises are operational and in compliance with the Environmental Quality Act 1974 and its related regulations applicable to the manufacturer, including but not limited to the Environmental Quality (Clean Air) Regulations 2014, Environmental Quality (Industrial Effluent) Regulations 2009, and Environmental Quality (Scheduled Wastes) Regulations 2005.
- b) Ensure that the storage space/capacity of imported waste plastic materials is adequate and handled appropriately.

3.7 Non-conformance

In the event of non-conformance with the Guidelines, the following actions will be taken:

(i) Notification and Suspension

- a) SIRIM shall issue a notification of non-conformance to the related parties and may be followed by a suspension letter.
- b) SIRIM shall notify the Department of Environment (DOE) if the return of non-conformant materials to the country of origin is required.

(ii) Required Actions by the Manufacturer

The manufacturer shall take the following steps based on the type of non-conformance:

a) Non-conformance involving scheduled or hazardous waste:

- Return the non-conformant materials to the country of origin in accordance with Article 9 of the Basel Convention (Control of Transboundary Movements of Hazardous Wastes).
- The manufacturer bears all costs associated with the return.

Note: Such cases of non-conformance may constitute non-compliance with the Environmental Quality Act 1974 and may result in enforcement action under Section 34B.

b) Non-conformance unrelated to scheduled or hazardous waste:

- Return the non-conformant materials to the country of origin.
- The manufacturer bears all costs associated with the return.

c) Rejection of Pre-shipment Inspection Report:

- Return the non-conformant materials to the country of origin.
- The manufacturer bears all costs associated with the return.

(iii) Forfeiture of Bank Guarantee

- The Bank Guarantee provided during the COA application will be forfeited under the following circumstances:
  - a) The manufacturer fails to take necessary actions as stipulated in clause 3.7(ii).
  - b) The shipment is abandoned at the points of entry.
  - c) A false declaration is made.
- The forfeited amount will cover the administration, transportation and incidental costs for returning the shipment to its country of origin.

(iv) Withdrawal of Suspension Letter

The Suspension Letter will be withdrawn if the manufacturer fully complies with the actions required under clause 3.7(ii).

(v) Prohibition on Future COA Applications

Manufacturers who fail to take necessary actions as stipulated in clause 3.7(ii) shall be prohibited from submitting any future COA applications under the Guidelines.

(vi) Disqualification for Repetitive Non-conformant

SIRIM reserves the right to disqualify any manufacturer with repetitive non-conformances exceeding two (2) occurrences from submitting future applications for a COA.

3.8 Responsibilities of Shipping/Logistics Agents, Cargo Transport, and Carrier/Shipping Liners

(i) Verify Consignee Details

Ensure the declared consignee is a valid manufacturer with a legitimate premise and hold necessary licenses.

(ii) Accurate Declaration

Ensure all declarations related to imported goods are complete, true, and correct.

(iii) Handling Non-conformant Shipments

Take responsibility for returning non-conformant waste plastic shipments to the country of origin.

### 3.9 Undeclared/Abandoned/Uncustomed Goods or False Declaration

In cases involving, including but not limited to, undeclared, abandoned, uncustomed goods, or false declarations, the materials which fall under the scope of the Basel Convention (Control of Transboundary Movements of Hazardous Wastes), shall be returned to the country of origin. If the materials unsuccessfully returned to the country of origin, further action may be taken in accordance with the relevant offences under the Customs Act 1967 (Act 235), Port Authorities Act 1963 (Act 488), or Free Zones Regulations 1991.

## 4 **PROCEDURE FOR IMPORTATION AND INSPECTION OF WASTE PLASTIC INTO MALAYSIA**

### 4.1 Methods for Importation and Inspection of Waste Plastic

4.1.1 There are two (2) available methods for Importation and Inspection of waste plastic into Malaysia with different inspection requirements as outlined in **TABLE 2** below.

**TABLE 2: METHODS FOR IMPORTATION OF WASTE PLASTIC INTO MALAYSIA**

No	Method	Description
1	Type 1	Pre-shipment Inspection Report by SIRIM or SIRIM Approved Foreign Inspection Body (FIB)
2	Type 2	Pre-shipment Inspection Report by SIRIM Approved Materials Recovery Facility (MRF)

Notes:

- Refer to **TABLE 3** for details of each method.
- Requirements to become a SIRIM approved MRF:
  - a) Applicant shall apply through SIRIM.
  - b) SIRIM shall conduct an evaluation and inspection at the MRF's premises for approval.
  - c) Applicant may refer to the *Guidelines for Material Recovery Facility Scheme* for the detailed processes and requirements.

4.1.2 Applicants are required to choose **one (1)** of the methods and undertake all requirements and processes including an inspection process for the issuance of COA by SIRIM.

4.1.3 SIRIM reserves the right to conduct random inspections at the points of entry and factory storage yard, regardless of the Method of Importation chosen by the Applicant.

- All inspection costs will be borne by the Applicant.
- Inspections may also be conducted upon request by relevant authorities, such as RMCD.

4.1.4 The overview of the procedure for importation and inspection of waste plastic into Malaysia is outlined in **FLOWCHART 1**.

**TABLE 3: DETAILS FOR METHODS OF IMPORTATION AND INSPECTION OF WASTE PLASTIC INTO MALAYSIA**

Requirements/ Processes	Methods	
	Type 1	Type 2
<b>1. Mode of Transport</b>	Sea Mode & Land Mode	Sea Mode & Land Mode
<b>2. Manufacturer with valid ML or ICA 10</b>	√	√
<b>3. SIRIM Inspection</b> Manufacturers shall obtain a Management of Imported Scrap and Waste (MISW) license, and having the following SIRIM Certification is encouraged: <ul style="list-style-type: none"> <li>• Product Certification License</li> <li>• Eco-Labeling License</li> <li>• MS ISO 9001 Certificate</li> <li>• MS ISO 14001 Certificate</li> </ul>	√	√
<b>4. Pre-shipment Inspection (at country of origin)</b>	√ (By SIRIM or SIRIM Approved FIB)	√ (By MRF with SIRIM Approval)
<b>5. Issuance of Certificate of Approval (COA)</b>	√	√
<b>6. Inspection at Factory Storage Yard in Malaysia</b>	May be conducted if necessary or upon request by authorities	√ (By SIRIM)

## 4.2 Pre-Shipment Inspection Process - Applicable for Method Type 1

- 4.2.1 Applicant shall undergo pre-shipment inspection, which will be conducted at the storage or loading yard of the country of origin by:
- (i) SIRIM; or
  - (ii) Foreign Inspection Body (FIB) that is approved by SIRIM.
- 4.2.2 SIRIM shall not accept the Pre-shipment Inspection report issued by any FIB that is not approved by SIRIM.
- 4.2.3 Applicant may proceed with application and arrangement for Pre-shipment Inspection with SIRIM. Applicant shall:
- (i) Notify SIRIM of the time and date of inspection at least five (5) working days in advance.
  - (ii) Provide Shipping Documents and ML or ICA 10.
  - (iii) Arrange the Pre-shipment Inspection activity.
- 4.2.4 The authorised inspector shall conduct the Pre-shipment Inspection on selected samples based on the sampling method under clause 4.5.
- 4.2.5 The Pre-shipment Inspection shall cover the following activities:
- (i) Visual inspection.
  - (ii) Segregation.
- All costs of waste segregation including the manpower shall be borne by the Applicant. The segregation work shall be witnessed by the authorised inspector.
- 4.2.6 Upon completion of the inspection, the Pre-shipment Inspection report shall be issued to the Applicant.

4.2.7 The Pre-shipment Inspection report shall contain a report and evidence of the following:

- (i) Visual inspection for importation by:
  - a) Bulk/Open Vessel: Vessel transporting the waste plastic and its related cargo and the final condition of the vessel;
  - b) Container: The container and seal number, the loading of ALL the waste plastic, and the final condition inside the container.
- (ii) Verification and evidence of Shipping Documents and Manufacturing License (ML) approved by MITI or Confirmation Letter for a Company Exempted from a Manufacturing License (ICA 10) issued by MIDA.
- (iii) Segregation, calculation, interpolation, and weighing.
- (iv) Verification of test report on waste plastic classification, scheduled wastes, other impurities, and hazardous elements (if applicable).
- (v) Visual evidence:
  - a) Vessel transporting waste plastic (for bulk/open vessel), container and waste plastic,
  - b) Start and end of segregation and grouping process,
  - c) Any findings from the visual inspection,
  - d) Loading of the waste plastic into the vessel or container, and
  - e) Final condition inside the vessel or container after loading.
- (vi) All visual evidence shall follow SIRIM's Pre-shipment Inspection report template and contain (but not limited to):
  - a) Original timestamp and date from device,
  - b) Location of inspection,
  - c) Inspector conducting the inspection at the site (a selfie shall be taken on site and is permitted as evidence).
- (vii) The Pre-shipment Inspection report shall be signed and approved by qualified inspector/approved signatory by SIRIM.

4.2.8 If the Pre-shipment Inspection results do not comply with the criteria in the Guidelines, importation of the waste plastic to Malaysia shall be denied and COA will not be issued.

- 4.2.9 If the Pre-shipment Inspection results comply with the Guidelines, the waste plastic is allowed to be imported into Malaysia and the Applicant may proceed to apply for COA from SIRIM. Refer to clause 4.4.
- 4.2.10 The Pre-shipment Inspection report is only valid for the wastes inspected during that specific inspection.
- 4.2.11 The complete process flow for Pre-shipment Inspection is outlined in **FLOWCHART 2**.

### 4.3 Inspection at Factory Storage Yard – Applicable for Method Type 2

- 4.3.1 Applicant shall undergo inspection for all imported waste plastic into Malaysia, which will be conducted at designated local factory storage yard.
- 4.3.2 The inspection shall be performed by SIRIM's authorised inspector.
- 4.3.3 Applicant shall notify SIRIM of the time and date for inspection at least three (3) days in advance.
- 4.3.4 Applicant shall provide the ORIGINAL copy of Shipping Documents upon request during the inspection.
- 4.3.5 Inspection at factory storage yard shall cover the following activities:
- (i) Visual inspection.
  - (ii) Segregation (applicable only if any discrepancies are identified during visual inspection and all costs of waste segregation including the manpower are to be borne by the Applicant).
    - a) The segregation works shall be witnessed by an authorised inspector.
    - b) Waste plastic shall be segregated as follows (if imports contain all these elements in its shipment):
      - Target materials purity
      - Allowable contaminants
      - Prohibited contaminants
    - c) Authorised inspector shall select samples from each grouping based on clause 4.5.

#### Example:

Imported waste plastic using containers = 50 containers  
Sampling based on clause 4.5 = 8 containers

From each 8 containers, samples shall be taken for:

- (i) Visual inspection,
- (ii) Segregation, weighing, and measuring (applicable only if any discrepancies are identified during visual inspection).

4.3.6 Upon completion of the inspection, the Factory Storage Yard Inspection report shall be issued to the Applicant.

4.3.7 The Factory Storage Yard Inspection report shall contain report and evidence on the following:

- (i) Verification and evidence of Shipping Documents and Manufacturing License (ML) approved by MITI or Confirmation Letter for a Company Exempted from a Manufacturing License (ICA 10) issued by MIDA.
- (ii) Verification and evidence of SIRIM Approved MRF.
- (iii) Visual inspection for importation by container; the container number, seal number, and the cargo.
- (iv) Segregation, calculation, interpolation, and weighing (applicable only if any discrepancies are identified during visual inspection).
- (v) Verification of testing report on waste plastic classification, scheduled waste, other impurities, and hazardous elements (if applicable).
- (vi) Visual evidence:
  - a) Start and end of segregation and grouping process (applicable only if any discrepancies are identified during visual inspection), and
  - b) Any findings from the visual inspection.
- (vii) All visual evidence shall follow SIRIM's Factory Storage Yard Inspection report and contain:
  - a) Original timestamp and date from device,
  - b) Location of inspection,
  - c) Inspector conducting the inspection at the inspection site (a selfie shall be taken on site and is permitted as evidence).

(viii) The Factory Storage Yard Inspection report shall be signed and approved by qualified inspector/approved signatory by SIRIM.

4.3.8 If the inspection results do not comply with the requirements under the Guidelines:

(i) SIRIM shall suspend the SIRIM Approved MRF Certificate.

(ii) Applicant shall manage the waste and scheduled waste disposal (if applicable).

(iii) Applicant is not approved to continue importing waste plastic under Method Type 2.

4.3.9 SIRIM shall undertake inspection of the manufacturer's premises under SIRIM's Management of Imported Scrap and Waste (MISW) scheme.

4.3.10 The complete process flow for inspection at factory storage yard is outlined in **FLOWCHART 3**.

#### 4.4 COA Application

##### 4.4.1 Importation for Industry Usage

4.4.1.1 Application for COA is **ONLY ALLOWED** for Applicant who fulfills the eligibility criteria listed under clause 3, the Pre-shipment Inspection requirements for Method Type 1 under clause 4.2, and inspection report issued by SIRIM Approved MRF for Method Type 2.

4.4.1.2 Documents to be submitted for application of COA are listed in **TABLE 4** below:

**TABLE 4: DOCUMENTS REQUIRED FOR COA APPLICATION SUBMISSION**

No	Documents required
1.	Shipping Documents
2.	Valid Pre-shipment Inspection report (For Method Type 1)
3.	Inspection reports issued by SIRIM Approved MRF (For Method Type 2)
4.	SIRIM Approved MRF Certificate (For Method Type 2)

5.	Manufacturing License (ML) approved by MITI or Confirmation Letter for a Company Exempted from a Manufacturing License (ICA 10) issued by MIDA
6.	Bank Guarantee
7.	SIRIM Inspection i.e.: Management of Imported Scrap and Waste (MISW)
8.	Tariff Code Classification Letter issued by RMCD
9.	Prior Informed Consent (PIC) procedure approval from the Department of Environment (DOE) (if required)

- 4.4.1.3 SIRIM shall evaluate applications with complete documents submitted by the Applicant for COA. Non-satisfactory information or incomplete applications shall be rejected. New application is allowed if the COA eligibility criteria and the Pre-shipment Inspection Process for Method Type 1 are fulfilled, and the required documents are complete.
- 4.4.1.4 Upon acceptance of the COA application, SIRIM shall notify and issue an invoice to the Applicant. The Applicant is required to make payment for the following fees:
- (i) COA; and
  - (ii) Inspection at factory storage yard fee (Method Type 2) depending on the Applicant's chosen method.
- 4.4.1.5 Upon receipt of payment, SIRIM shall issue the COA to the Applicant. The validity of COA is **sixty (60)** days.
- 4.4.1.6 Upon receiving the COA from SIRIM, the Applicant may proceed to obtain clearance at the points of entry from RMCD and the Port Authority/Port Operator to deliver the imported waste plastic to designated/manufacturer premises. Manufacturers may then proceed with manufacturing processes.
- 4.4.1.7 SIRIM shall conduct inspection at the factory storage yard to ensure compliance of the incoming imported waste plastic based on the requirements and criteria of the Guidelines for importation using Method Type 2.
- 4.4.1.8 SIRIM shall undertake inspection of the manufacturer's premises under SIRIM's Management of Imported Scrap and Waste (MISW) scheme.
- 4.4.1.9 The complete process flow for COA Application is outlined in **FLOWCHART 4.**

#### 4.4.2 For the Purpose of Transport Between Free Zones

4.4.2.1 Application for COA under this category is **ONLY ALLOWED** if the following conditions are met:

- (i) Transport of wastes from free zone to free zone (transit) for the purpose of shipment out of Malaysia;
- (ii) Full Container Load (FCL);
- (iii) Containers and their seals are maintained and intact.

4.4.2.2 Notwithstanding item 4.4.2.1 (iii), broken containers and seals may be accepted under the following circumstances:

- (i) Container is unintentionally damaged;
- (ii) Shipping liner request to change to new container;
- (iii) Container subject to inspection by authorities.

4.4.2.3 Documents to be submitted for application of COA are listed in **TABLE 5** below:

**TABLE 5: DOCUMENTS REQUIRED FOR COA APPLICATION SUBMISSION (TRANSPORT BETWEEN FREE ZONES)**

No	Documents required
1.	Shipping Documents
2.	Manifest Declaration
3.	Evidence to Support Item 4.4.2.2

4.4.2.4 SIRIM shall conduct inspection during change of container and seal of the imported waste plastic under conditions specified in item 4.4.2.2.

4.4.2.5 SIRIM shall evaluate the application with complete documents submitted by the Applicant for COA. Non-satisfactory information or incomplete applications shall be rejected.

4.4.2.6 Upon acceptance of the COA application, SIRIM shall notify and issue an invoice to the Applicant. The Applicant is required to make payment.

4.4.2.7 Upon receipt of payment, SIRIM shall issue the COA to the Applicant. The validity of COA is **ten (10)** days.

4.4.2.8 Upon receiving the COA from SIRIM, the Applicant may proceed to obtain clearance at the points of entry from RMCD and the Port Authority/Port Operator to deliver the waste plastic for transit.

4.4.3 For the following purposes, COA is NOT applicable if the following conditions are met:

(i) Transshipment:

- No transferring/movement from Zone to Zone;
- Full Container Load (FCL);
- Containers and their seals are maintained and intact.

(ii) Disposal:

- Transport of waste plastic generated within free zone from industrial, maintenance and disposal activities from free zones to Principal Customs Area (PCA).

(iii) Trade Sample:

Waste plastic imported solely as sample and is not intended for sale, distribution, or commercial use.

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## 4.5 Sampling Plan for Inspection

4.5.1 Authorised inspector shall select samples from each grouping based on **TABLE 6**. For each sample, a sub-sample of a minimum of 100 kg, taken randomly from 2 bales or jumbo bags, shall be taken for segregation and measurement.

**TABLE 6: MS ISO 2859-1, SAMPLING PLAN ACCORDING TO GENERAL INSPECTION LEVEL II AND ACCEPTANCE QUALITY LIMIT (AQL) 6.5.**

Lot Size	General Inspection Levels			Special Inspection Levels			
	I	II	III	S1	S2	S3	S4
2 to 8	A	A	B	A	A	A	A
9 to 15	A	B	C	A	A	A	A
16 to 25	B	C	D	A	A	B	B
26 to 50	C	D	E	A	B	B	C
51 to 90	C	E	F	B	B	C	C
91 to 150	D	F	G	B	B	C	D
151 to 280	E	G	H	B	C	D	E
281 to 500	F	H	J	B	C	D	E
501 to 1,200	G	J	K	C	C	E	F
1,201 to 3,200	H	K	L	C	D	E	G
3,201 to 10,000	J	L	M	C	D	F	G
10,001 to 35,000	K	M	N	C	D	F	H
35,001 to 150,000	L	N	P	D	E	G	J
150,001 to 500,000	M	P	Q	D	E	G	J
500,001 and over	N	Q	R	D	E	H	K

Sample Size Code Letter	Sample Size	Acceptance Quality Limits, AQL (Normal Inspection)										
		0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5
		Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A	2											0 1
B	3											0 1
C	5									0 1		1 2
D	8								0 1			1 2
E	13							0 1				2 3
F	20						0 1			1 2		3 4
G	32					0 1			1 2			5 6
H	50				0 1			1 2	2 3	3 4		7 8
J	80			0 1			1 2	2 3	3 4	5 6	7 8	10 11
K	125		0 1			1 2	2 3	3 4	5 6	7 8	10 11	14 15
L	200	0 1			1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22
M	315			1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	
N	500		1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22		
P	800	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22			
Q	1250	2 3	3 4	5 6	7 8	10 11	14 15	21 22				
R	2000	3 4	5 6	7 8	10 11	14 15	21 22					

↑ = Use the first sampling above the arrow  
↓ = Use the first sampling below the arrow. If sample size equals, or exceeds lot size, carry out 100% inspection

Ac = Acceptance number  
Re = Rejection number

## 5 SCHEDULE OF FEES

### (i) Pre-shipment Inspection (Method Type 1) Fee

No	Descriptions	Fees (RM)
1.	<b>Inspection</b>	1000/half day (4hrs) 1500/full day (8hrs)
2.	<b>Subsequent hours</b>	125/hour
3.	<b>Incidental</b>	As charged where applicable for accommodation, living allowances, and transportation/mileage

### (ii) Inspection at Factory Storage Yard (Method Type 2) Fee

No	Descriptions	Fees (RM)
1.	<b>First 3 containers</b>	300
2.	<b>Subsequent containers</b>	100
3.	<b>Inspection report</b>	500/shipment
4.	<b>Testing (If applicable)</b>	As charged
5.	<b>Incidental</b>	As per SIRIM's standard rate

#### Example for Fee calculation:

Imported waste plastic using container = 10 containers

Sampling based on clause 4.5 = 2 containers

Total fee for 2 containers = RM 300

Inspection report = RM 500

Total = RM 800 (excluding Incidental)

#### Note:

1. The number of man-days for Pre-shipment Inspection (Method Type 1) shall increase if the time taken for loading and unloading activities exceeds normal working hours.
2. Applicants will be charged the full-day fee regardless of the chosen method if they fail to attend, postpone, or cancel with less than 24 hours' notice. This includes:
  - (i) **No-show:** No prior notice, no containers available and failure to attend.
  - (ii) **Late cancellation:** Cancellation less than 24 hours before the session.
  - (iii) **Last-minute postponement:** Rescheduling requests made within 24 hours of the session.

(iii) Certificate of Approval (COA) Fee

No	Description	Fee (RM)
1.	<b>New application &amp; Issuance of COA / Shipment</b> <i>(Payable upon application &amp; strictly non-refundable)</i>	350/shipment

## 6 CLIENT CHARTER

(i) Pre-shipment Inspection (Method Type 1)

Issuance of quotation	1-2 working days
Assignment of FIB	1-2 working days
Inspection at Country of Origin (excluding travel time)	2-5 working days
Issuance of Pre-shipment Inspection report	2-3 working days
<b>Total</b>	<b>6-12 working days</b>

(ii) Inspection at Factory Storage Yard (Method Type 2)

Scheduling of inspection	1-2 working days
Inspection process	1-2 working days
Issuance of Factory Storage Yard Inspection report and Approval	1-2 working days
<b>Total</b>	<b>3-6 working days</b>

(iii) COA Application

Evaluation of submitted Shipping Documents and Issuance of invoice	2 working days
COA Approval	1 working day
<b>Total</b>	<b>3 working days</b>

(iv) COA Issuance

COA issuance upon payment and Customs acknowledgement	1 working day
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## 7 GLOSSARY OF TERMS

- 7.1 **Applicant(s)** – Importer (Manufacturer) who applies for the importation of waste plastic into Malaysia.
- 7.2 **Approved signatory** – Any individual approved by SIRIM responsible for the issuance and authorisation of the Inspection report and certificate. The Approved Signatory must be a permanent resident of the inspection body.
- 7.3 **Authorised inspector** – Any individual who is a permanent staff of the specific inspection body that is approved by SIRIM to conduct inspections.
- 7.4 **Certificate of Approval (COA)** – A permit to import waste plastic after successfully complying with the various standards and meeting all the requirements under the Guidelines.
- 7.5 **Foreign Inspection Body (FIB)** – An inspection body which is accredited to ISO/IEC 17020 by a National Accreditation Body and operates in the country of origin with authorised inspectors and approved signatories. This Foreign Inspection Body shall be registered with SIRIM and adhere to its requirements.
- 7.6 **Hazardous waste** – Refers to wastes that belong to any category contained in Annex I and considered to be hazardous wastes by the domestic legislation of the Party of export, import or transit as defined under the Basel Convention on The Control of Transboundary Movements of Hazardous Wastes and Their Disposal.
- 7.7 **ICA 10** – Exemption from application of Manufacturing License which is obtained from Malaysian Investment Development Authority (MIDA).
- 7.8 **ICA 10 manufacturers** - Manufacturers who are exempted from applying Manufacturing License and granted with ICA 10.
- 7.9 **Inspection** – The examination or assessment of goods, processes, services, installation, or design to determine its conformity with specific requirements and professional judgment.
- 7.10 **Inspection report** – A complete report from SIRIM or Foreign Inspection Body for the waste plastic inspection.
- 7.11 **Manufacturer** – Companies registered under Companies Commission of Malaysia (SSM) and has obtained a manufacturing License from MITI.

- 7.12 **Manufacturing activities** – The Industrial Co-ordination Act, 1975 defines manufacturing as the process of making, modifying, blending, decorating, finishing, or treating materials for use, sale, transport, delivery, or disposal. It also includes assembling parts and ship repairing but excludes activities related to retail or wholesale trade.
- 7.13 **Manufacturing License (ML)** – License granted by MITI to manufacturing company to undertake Manufacturing Activities.
- 7.14 **Manufacturing License (ML) holder** – Manufacturer who has obtained Manufacturing License (ML) from MITI.
- 7.15 **Waste plastic** – Waste plastic refers to any discarded, rejected, or surplus plastic material or products, including but not limited to scrap, parings, and other unwanted substances, arising from industrial, commercial, or other processes. This includes waste plastic that is intended to be disposed of or is required to be disposed of under national laws, or that is considered waste due to being broken, worn out, contaminated, or otherwise spoiled.
- 7.16 **Pre-shipment Inspection** – Inspection of waste plastic conducted at the country of origin by SIRIM or any SIRIM approved Foreign Inspection Body (FIB).
- 7.17 **Recyclable** - A characteristic of a product, packaging, or associated component that can be diverted from the waste stream through available processes and programs and can be collected, processed, and returned to use in the form of raw materials or products (ISO 14021).
- 7.18 **Scheduled waste** – Refers to waste classified under the Environmental Quality (Scheduled Wastes) Regulations 2005.
- 7.19 **Shipping Documents** – A set of documents which include Invoice, Packing List, and Bill of Lading from the various incoming scrap shipment.
- 7.20 **SIRIM** – SIRIM QAS International Sdn. Bhd. who is acting on behalf of SIRIM Berhad pursuant to the Customs (Prohibition of Imports) (Amendment) Order 2025.
- 7.21 **Target material** – Target material refers to the type of polymer intended to be imported.
- 7.22 **Transshipment** - The Customs (Amendment) Act 2019 defines transshipment as transferring of goods from one vessel to another vessel, unloading of goods from a vessel and depositing such goods in a customs or licensed warehouse

or in a warehouse or other place approved by RMCD.

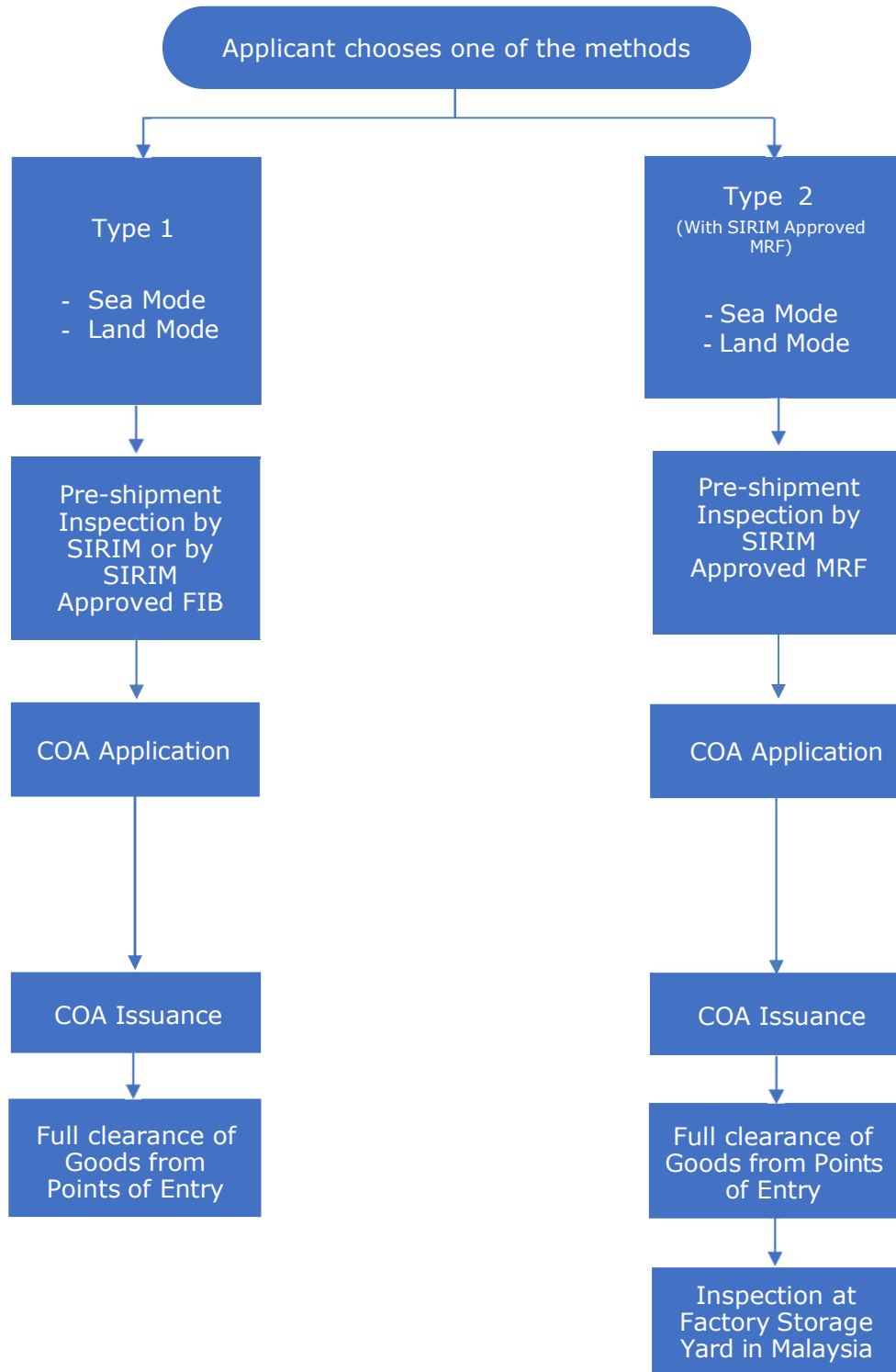
## 8 REFERENCES

The following reference documents are used for establishing the Guidelines for Importation and Inspection of Waste Plastic. For undated references, the latest edition of the reference document (including any amendment) applies.

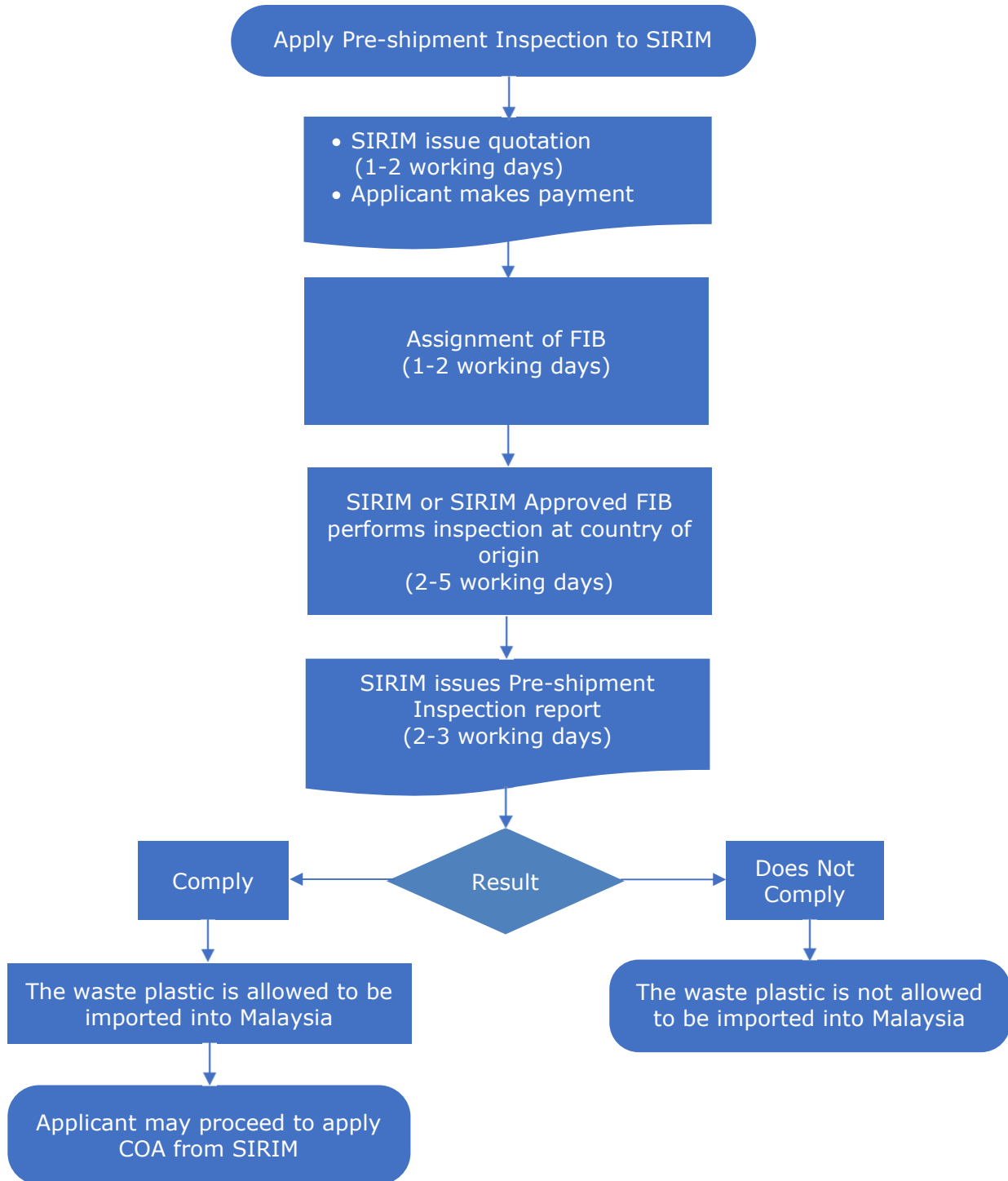
<b>No.</b>	<b>REFERENCES</b>
1.	Customs Duties Order 2022, P.U. (A) 114
2.	Customs (Prohibition of Imports) (Amendment) Order 2025
3.	Act 672 - Solid Waste and Public Cleansing Management Act 2007
4.	Environmental Quality Act 1974
5.	Environmental Quality (Scheduled Wastes) Regulations 2005 – P.U. (A) 294/2005
6.	Garis Panduan Pengimportan Sisa Pepejal Import Plastik di bawah HS Kod 39.15, Edisi Pertama 2022
7.	MS ISO 2859-1: Sampling procedures for inspection by attributes – Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
8.	Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal  Protocol on Liability and Compensation for Damage Resulting From Transboundary Movements of Hazardous Wastes and Their Disposal  Texts and Annexes  Revised in 2023

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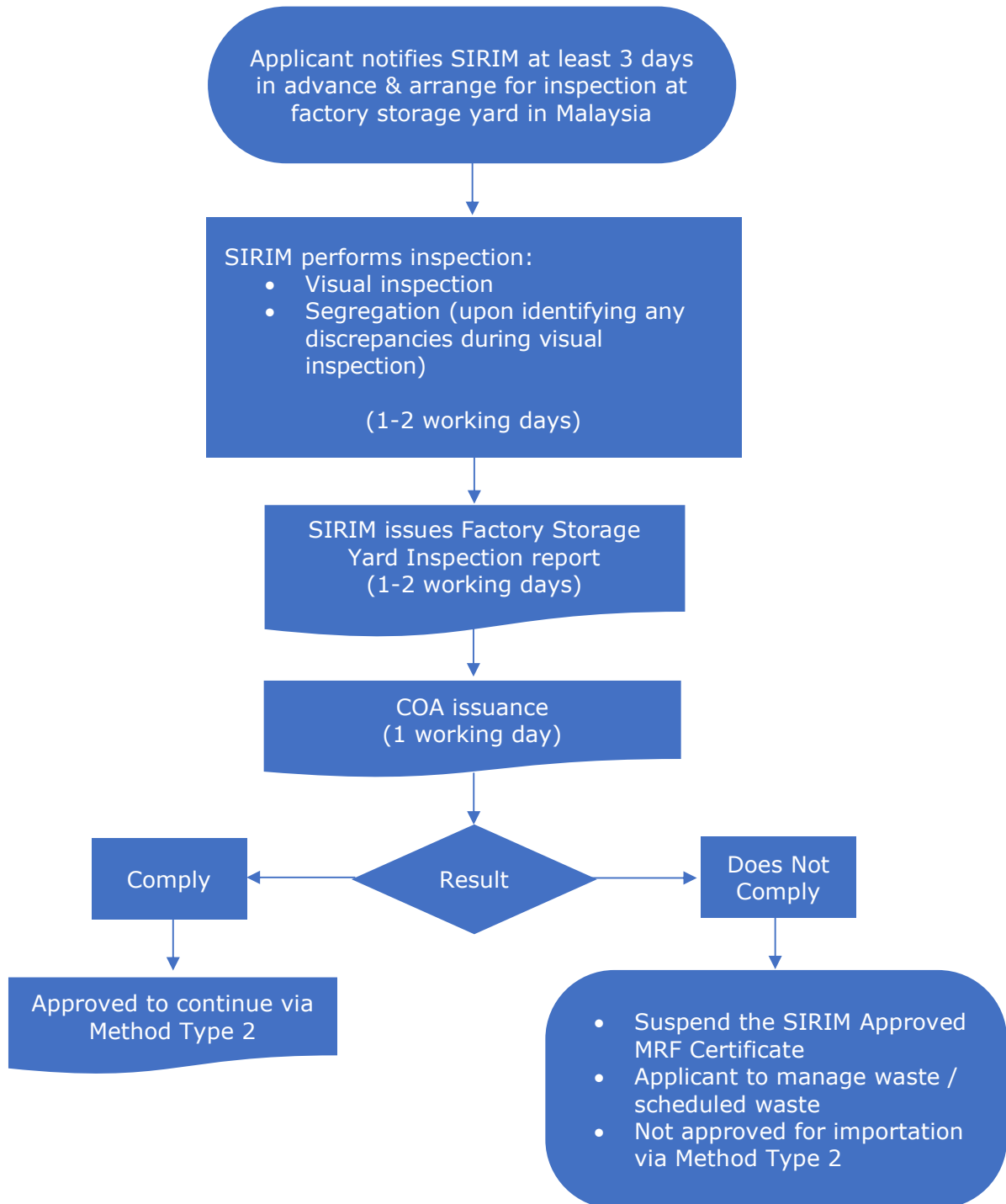
**FLOWCHART 1:  
OVERVIEW OF THE PROCEDURE FOR IMPORTATION AND  
INSPECTION OF WASTE PLASTIC INTO MALAYSIA.**



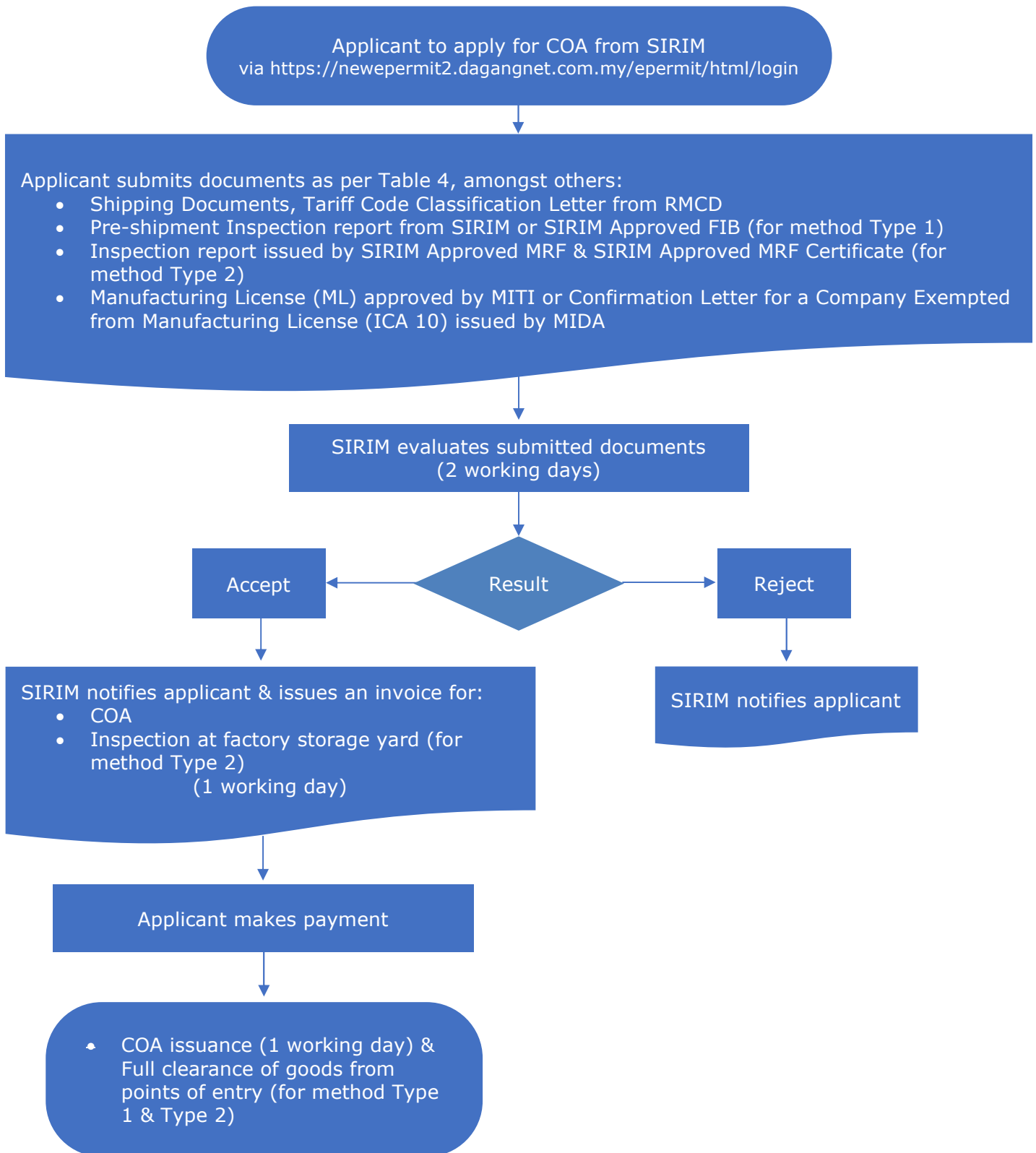
**FLOWCHART 2:  
PRE-SHIPMENT INSPECTION FOR METHOD TYPE 1**



**FLOWCHART 3:  
INSPECTION AT FACTORY STORAGE YARD FOR METHOD TYPE 2**



## FLOWCHART 4: COA APPLICATION



## ANNEX 1: LIST OF Y48

Y48 <sup>6,7</sup>	<p>Plastic waste, including mixtures of such waste, with the exception of the following:</p> <ul style="list-style-type: none"><li>• Plastic waste that is hazardous waste pursuant to paragraph 1 (a) of Article 1<sup>8</sup></li><li>• Plastic waste listed below, provided it is destined for recycling<sup>9</sup> in an environmentally sound manner and almost free from contamination and other types of wastes:<sup>10</sup><ul style="list-style-type: none"><li>- Plastic waste almost exclusively<sup>11</sup> consisting of one non-halogenated polymer, including but not limited to the following polymers:<ul style="list-style-type: none"><li>▪ Polyethylene (PE)</li><li>▪ Polypropylene (PP)</li><li>▪ Polystyrene (PS)</li><li>▪ Acrylonitrile butadiene styrene (ABS)</li><li>▪ Polyethylene terephthalate (PET)</li><li>▪ Polycarbonates (PC)</li><li>▪ Polyethers</li></ul></li><li>- Plastic waste almost exclusively<sup>11</sup> consisting of one cured resin or condensation product, including but not limited to the following resins:<ul style="list-style-type: none"><li>▪ Urea formaldehyde resins</li><li>▪ Phenol formaldehyde resins</li><li>▪ Melamine formaldehyde resins</li><li>▪ Epoxy resins</li><li>▪ Alkyd resins</li></ul></li><li>- Plastic waste almost exclusively<sup>11</sup> consisting of one of the following fluorinated polymers:<sup>12</sup><ul style="list-style-type: none"><li>▪ Perfluoroethylene/propylene (FEP)</li><li>▪ Perfluoroalkoxy alkanes:<ul style="list-style-type: none"><li>▪ Tetrafluoroethylene/perfluoroalkyl vinyl ether (PFA)</li><li>▪ Tetrafluoroethylene/perfluoromethyl vinyl ether (MFA)</li></ul></li><li>▪ Polyvinylfluoride (PVF)</li><li>▪ Polyvinylidene fluoride (PVDF)</li></ul></li></ul></li><li>• Mixtures of plastic waste, consisting of polyethylene (PE), polypropylene (PP) and/or polyethylene terephthalate (PET), provided they are destined for separate recycling<sup>13</sup> of each material and in an environmentally sound manner and almost free from contamination and other types of wastes.<sup>10</sup></li></ul>
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Source: Basel Convention on The Control of Transboundary Movements of Hazardous Wastes and Their Disposal, Annex II, pg 37-38



# GUIDELINES FOR **IMPORTATION & INSPECTION OF WASTE PLASTIC**

**MAY 2025**  
EDITION 1

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