

SIRIM QAS INTERNATIONAL

GUIDELINES FOR IMPORTATION AND INSPECTION OF METAL SCRAP – EDITION 2

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1. INTRODUCTION

1.1 The importation of all metal scraps to Malaysia comes under the purview of the Ministry of Investment, Trade and Industry (MITI) and is subject to the issuance of a Certificate of Approval (COA) by SIRIM as per the Customs (Prohibition of Imports) Order 2023 and Customs (Prohibition of Imports) (Amendment) Order 2024.

1.2 For the purpose of this Order, the Guidelines for the Importation and Inspection of Metal Scrap ("Guidelines") is established and SIRIM as the scheme owner undertakes full responsibilities to exercise and execute its duty of conducting inspections and issuing COA.

1.3 The purpose of the Guidelines is to provide guidance in relation to the importation and inspection of metal scrap into Malaysia.

1.4 The Guidelines also lays down the requirements for the issuance of the COA and the allowed criteria of metal scrap including scheduled waste.

1.5 This Guidelines is prepared based on numerous consultation and series of discussion within committee members consist of representatives from Ministry of Investment, Trade and Industry (MITI), Malaysian Investment Development Authority (MIDA), Department of Environment (DOE), Ministry of Natural Resources And Environmental Sustainability (NRES), National Solid Waste Management Department (JPSPN), Royal Malaysian Customs Department (RMCD), Port Authorities/ Port Operators and SIRIM.

1.6 This Guidelines shall be reviewed from time to time to accommodate changes in policies, laws or regulations involving the importation of metal scrap. The latest edition of this Guidelines shall be applied whenever it is available.

1.7 All Applicants and related parties being referred in this Guidelines shall adhere to the requirements and processes as specified in this Guidelines.

2 SCOPE OF APPLICATION

2.1 This Guidelines covers regulations on all importation of metal scrap which include iron, steel, aluminium, copper, nickel, lead, zinc, tin, tungsten (wolfram), molybdenum, tantalum, magnesium, cobalt, bismuth, titanium, zirconium, antimony, manganese, beryllium, chromium, hafnium, rhenium, thallium, cadmium, and other metal waste & scrap into Malaysia intended for manufacturing purposes to produce finished products or goods in various fields.

2.2 The list of tariff codes for metal scrap affected by this Order is provided in **Annex 1**. The complete details shall be referred to the Fourth Schedule of Customs (Prohibition of Imports) Order 2023 and Customs (Prohibition of Imports) (Amendment) Order 2024.

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2.3 The imported metal scrap shall not contain trace elements or be contaminated by materials that are classified or defined as:

(i) scheduled waste under First Schedule of the Environmental Quality Act (Scheduled Waste) Regulations 2005; or/and

(ii) hazardous waste or other waste specified in the Basel Convention.

2.4 Parties qualified to apply for metal scrap imports are as follows:

(i) Manufacturers with a Manufacturing Licence ("ML") approved by MITI; or

(ii) Manufacturers who have been issued with a *Confirmation Letter for a Company Exempted from the Manufacturing License* (ICA 10) ("ICA 10 Manufacturers");

(iii) Third party importer ("Third Party Importer") or Trading Arm Company. The Third Party Importer or the Trading Arm Company shall produce the following documents for the application process:

a) Approved invoices from ML holders or ICA 10 Manufacturers; and

b) Memorandum of Agreement (MoA) with Manufacturing Licence holders or ICA 10 Manufacturers.

2.5 The following parties are not allowed to import metal scrap into Malaysia:

(i) Manufactures that do not fulfill the requirements specified under Clause 2.4 (i) and (ii); and

(ii) Third Party Importer or Trading Arm Company that does not fulfill the requirements under Clause 2.4 (iii).

2.6 The importation of metal scrap into Malaysia is permitted via sea and land transport at all ports of entry in Malaysia.

3 PRE-CONDITIONS/PRE-QUALIFIERS FOR COA APPLICATION

3.1 The following outlines the pre-conditions to be fulfilled before applying for COA.

3.2 **For manufacturers:**

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

(ii) Hold a License under SIRIM Certification or undergo annual inspection or verification services at manufacturing premises to ensure that manufacturers consistently process metal scrap and waste that meets the standard requirements including the requirements under this

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Guidelines. Refer to SIRIM relevant Guidelines/ Scheme Certification information on the process and requirements to obtain a License/Certificate under SIRIM Certification i.e.: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco- Labelling Scheme or ISO 9001 or ISO 14001.

(iii) Ensure that the applied imported metal scrap volume is based on the quota of raw material required and does not exceed the maximum annual production capacity of the ML holder or ICA 10 manufacturer. SIRIM shall conduct an audit or inspection to verify and confirm the quota of raw materials and the maximum production capacity.

(iv) Provide SIRIM with a Bank Guarantee. This Bank Guarantee is required as a security for the compliance of the Guidelines. The Bank Guarantee amount shall be projected based on the highest shipping cost including all incidental costs for returning the non-compliance materials to its country of origin (per shipment).

(v) Ensure that the manufacturer's premises are in operation and comply with the Environmental Quality Act 1974 and its related Regulations.

(vi) Ensure that the storage space/capacity of imported metal scrap materials is adequate and handled appropriately.

(vii) Criteria imposed as per the table below:

	Criteria Grouping				
	Target solid metal scrap (minimum)	**Other solid metal scrap (maximum)**	**Other recoverable materials including plastic (maximum)**	**Scheduled waste including e-waste**	**Total**
Requirement (percentage by weight)	94.75%	5.0%	0.25%	0%	100%

- The expected total shipment weight of metal scrap (target solid metal scrap & other solid metal scrap) shall be minimum of 99.75%.
- The metal scrap shall not contain or be contaminated with hazardous wastes that allow it to be subjected to hazardous wastes or any waste under the Basel Convention and does not contain other impurities.
- Crushed or shredded form of metal scrap of sizes less than 5 mm is not allowed for importation.
- Manufacturers shall have waste management facilities or standard recycling processes for the recoverable materials including plastic.
- Unintentional traces of scheduled waste including e-waste aiming at 0% should not be penalized.

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3.2.1 In the event of non-compliance:

(i) SIRIM shall issue a Notification Letter and followed by a Suspension Letter.

(ii) Manufacturer is required to take the following actions:

a) For non-compliance due to the presence of scheduled or hazardous waste

To return the non-compliant metal scrap to the country of origin, as per Article 9 of the Control of Transboundary Movements of Hazardous Wastes under the Basel Convention. All costs of return to be borne by the manufacturer.

Note:
Any non-compliance may be subject to enforcement under Section 34B of the Environmental Quality Act 1974.

b) Other non-compliance apart from the scheduled waste and hazardous waste

To return to the country of origin or appropriately dispose of in an environmentally sound manner. All costs of return to be borne by the manufacturer.

c) Rejection of the Pre-shipment Inspection report issued by FIB

COA will not be issued and the Applicant needs to return the non-compliant materials to its country of origin (per shipment).

(iii) The Bank Guarantee provided for COA application shall be forfeited in the event of non-compliance or any false declaration and actions required as per clause 3.2.1(ii) are not taken or the shipment is abandoned at the Port of Entry. The Bank Guarantee amount shall be used to cover transportation and incidental costs for the return shipment to its country of origin and/or its disposal.

3.2.2 The Suspension letter shall be withdrawn if all actions under clause 3.2.1(ii) are complied with.

3.2.3 The manufacturer is prohibited from any future applications for a COA pursuant to this Guidelines if it fails to take actions under clause 3.2.1(ii).

3.2.4 SIRIM reserves the right to disqualify any manufacturer from future applications of a COA in the case of repetitive non-compliance of more than two (2) times by the same manufacturer.

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3.3 **For Trading Arm Company or Third Party Importer:**

(i) Shall fulfill the requirements under clause 2.4 (iii).

(ii) Ensure that the imported metal scrap volume is proportionate to the quota of raw materials required and not exceeding the maximum annual production capacity of the ML Holders or ICA 10 manufacturers.

(iii) Ensure the ML Holders / ICA 10 manufacturers hold a License under SIRIM Certification i.e.: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco- Labelling Scheme or ISO 9001 or ISO 14001 or undergo annual inspection or verification services at manufacturing premises to ensure that manufacturers consistently process metal scrap and waste that meets the standard requirements including the requirements under this Guidelines.

(iv) Provide SIRIM with a Bank Guarantee. This Bank Guarantee is required as a security for the compliance of the Guidelines. The Bank Guarantee amount shall be projected based on the maximum shipping cost including all incidental costs for returning the non-compliance materials to its country of origin (per shipment).

Criteria imposed on the respective HS Code are based on Clause 3.2.

3.3.1 In the event of non-compliance:

(i) SIRIM shall issue a Notification Letter and followed by a Suspension Letter.

(ii) The Third Party Importer or the Trading Arm Company shall take the following actions:

a) <u>For non-compliance due to the presence of scheduled or hazardous waste</u>

To return the non-compliant metal scrap to the country of origin, as per Article 9 of the Control of Transboundary Movements of Hazardous Wastes under the Basel Convention. All costs of return to be borne by the Trading Arm Company or the Third Party Importer.

Note:
Any non-compliance may be subject to enforcement under Section 34B of the Environmental Quality Act 1974.

b) <u>Other non-compliance apart from the scheduled waste and hazardous waste</u>

To return to the country of origin or appropriately dispose of in an environmentally sound manner. All cost of return to be borne by the by the Trading Arm Company or the Third Party Importer.

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c) Rejection of the Pre-shipment Inspection report issued by FIB

COA will not be issued and the Applicant needs to return the non-compliant materials to its country of origin (per shipment).

(iii) The Bank Guarantee provided for COA application shall be forfeited in the event of non-compliance or any false declaration and actions required as per clause 3.3.1(ii) are not taken or the shipment is abandoned at the Port of Entry. The Bank Guarantee amount shall be used to cover transportation and incidental costs for the return shipment to its country of origin and/or its disposal.

3.3.2 The Suspension letter shall be withdrawn if all actions under clause 3.3.1(ii) are complied with.

3.3.3 The Third Party Importer or the Trading Arm Company is prohibited from any future applications for a COA pursuant to this Guidelines if it fails to take actions under clause 3.3.1(ii).

3.3.4 SIRIM reserves the right to disqualify any Third Party Importer or Trading Arm Company from future applications of a COA in the case of repetitive non-compliance of more than two (2) times by the same Third Party Importer or Trading Arm Company.

3.3.5 Manufacturers may also be prohibited and disqualified under clause 3.3.3 and clause 3.3.4 in the event that their appointed Third Party Importer or Trading Arm Company is found to be in non-compliance with this Guidelines.

3.4 **For Shipping/Logistics Agents, Cargo Transport and Carrier/Shipping Liners:**

(i) Ensure that the declared consignee is a manufacturer, Trading Arm Company or Third Party Importer that possesses a valid premise and relevant licenses.

(ii) The declaration made in connection to imported goods are complete, true and correct.

(iii) Responsible for the return of the non-compliant metal scrap to the country of origin or appropriately disposed of in an environmentally sound manner.

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4 PROCEDURE FOR IMPORTATION AND INSPECTION OF METAL SCRAP INTO MALAYSIA

4.1 Methods for Importation and Inspection of Metal Scrap

4.1.1 There are four (4) available Methods for Importation and Inspection of Metal Scrap into Malaysia with different inspection requirements. The Methods are as follows:

	NO.	METHODS
WITHOUT SIRIM Approved Materials Recovery Facility (MRF)	(i)	Type 1A
	(ii)	Type 1B
	(iii)	Type 1C
WITH SIRIM Approved Materials Recovery Facility (MRF)	(iv)	Type 2

Note:

- Refer to **TABLE 1** for details of each method.
- To be a SIRIM-approved MRF: Applicant shall apply through SIRIM. SIRIM shall conduct an evaluation and inspection at the MRF's premises for approval. 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 port of entry notwithstanding any selected Method of Importation by the Applicant. All costs of inspection are to be borne by the Applicant. This may include the inspection to be conducted upon requests by relevant authorities like the Royal Malaysian Customs Department (RMCD).

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TABLE 1: METHODS FOR IMPORTATION AND INSPECTION OF METAL SCRAP INTO MALAYSIA

REQUIREMENTS/PROCESSES	METHODS			
	WITHOUT SIRIM Approved MRF			WITH SIRIM Approved MRF
	TYPE 1A	TYPE 1B	TYPE 1C	TYPE 2
1. Mode of Transport	Sea Mode & Land Mode	Sea Mode & Land Mode	Sea Mode only (Not applicable to Land Mode)	Sea Mode & Land Mode
2. Manufacturer – has ML/ICA10 Trading arm company – has MoA and approved invoices with ML/ICA 10 manufacturing companies	√	√	√	√
	(Required)	(Required)	(Required)	(Required)
3. SIRIM Certification i.e.: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco- Labelling Scheme or ISO 9001 or ISO 14001	√	√	√	√
	(Required)	(Required)	(Required)	(Required)
4. Pre-shipment Inspection (at country of origin)	√	√	√	X
	(Done by SIRIM)	(Done by FIB that has signed MoA with SIRIM)	(Done by FIB without MoA with SIRIM)	(Not required to be done by SIRIM or FIB) However, an Inspection report issued by SIRIM Approved MRF is required
5. Post-shipment Inspection (Off-Board – Inside Port of Entry)	X	X	√	X
	(Not required)	(Not required)	(Required. Done by SIRIM)	(Not required)
6. Issuance of Certificate of Approval (COA)	√	√	√	√
	(Require compliance of Pre-shipment Inspection)	(Require compliance of Pre-shipment Inspection)	(Require compliance of Pre-shipment & Post-Shipment Inspection)	(Does not require Pre-shipment or Post-shipment Inspection, but requires Inspection report issued by SIRIM Approved MRF)
7. Inspection at Factory Storage Yard	X	X	X	√
	(Not required)	(Not required)	(Not required)	(Required. Done by SIRIM)

Refer to **FLOWCHART 1** - Overview of the Procedure for Importation and Inspection of Metal Scrap into Malaysia.

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4.2 Pre-Shipment Inspection Process - Applicable only for Method Type 1A, Type 1B & Type 1C.

4.2.1 Applicant shall undergo Pre-shipment Inspection to be conducted at the factory storage yard of the country of origin by:

(i) SIRIM (Type 1A); or
(ii) Foreign Inspection Body (FIB) (Type 1B and Type 1C) of preference that is available in SIRIM's "Approved Foreign Inspection Body (FIB)" list

4.2.2 Applicant may also use other accredited FIB but ensure it is successfully registered with SIRIM beforehand.

4.2.3 SIRIM shall not accept the inspection report issued by any unregistered FIB.

4.2.4 Applicant to proceed with application and arrangement for Pre-shipment Inspection with SIRIM or FIB. Applicant shall notify SIRIM of the time and date of inspection at least five (5) working days in advance.

4.2.5 Applicant shall provide shipping documents (Import documents, Invoice and Packing List) and ML or ICA 10.

4.2.6 Applicant to arrange the Pre-shipment Inspection activity.

4.2.7 The authorised inspector shall conduct the Pre-shipment Inspection on selected samples based on the sampling method according to ISO 2859- 1.

4.2.8 The Pre-shipment Inspection shall cover the following activities:

(i) Visual inspection;
(ii) Segregation and measurement;
    a) All costs of waste segregation including the manpower shall be borne by the Applicant. The segregation work shall be witnessed by the authorised inspector.
(iii) Radiation measurement (scan and measure= +0.25 μSv/h max.).

4.2.9 Upon completion of inspection, the Pre-shipment Inspection report shall be issued to the Applicant.

4.2.10 The Pre-shipment Inspection report (issued by SIRIM or FIB) shall

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contain a report and evidence on the following:

(i) Visual inspection for importation by:
   a) Bulk/Open Vessel: Vessel transporting the metal scrap and its related cargo and the final condition of the vessel;
   b) Container: The container and seal number, the loading of ALL the metal scrap, and the final condition inside the container.

(ii) Segregation, calculation, interpolation, and weighing;

(iii) Verification of shipping documents and ML or ICA 10;

(iv) Verification of test report on metal scrap classification, scheduled wastes, other impurities, and hazardous elements (if applicable);

(v) Visual evidence:
   a) Vessel transporting metal scrap (for bulk/open vessel), container and metal scrap,
   b) Start and end of segregation and grouping process,
   c) Any findings from the visual inspection,
   d) Loading of the metal scrap 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:
   a) Original timestamp and date from device,
   b) Location of inspection,
   c) Inspector conducting the inspection at the inspection site (selfie is acceptable).

(vii) The Pre-shipment Inspection report shall be signed and approved by qualified inspector/Approved Signatory by SIRIM.

4.2.11 If the Pre-shipment Inspection results do not comply with the criteria in this Guidelines, importation of the metal scrap to Malaysia shall be denied and COA will not be issued.

4.2.12 If the Pre-shipment Inspection results comply with this Guidelines, the metal scrap is allowed to be imported into Malaysia and the Applicant may proceed to apply for COA from SIRIM. Refer to clause 4.3.

4.2.13 The Pre-shipment Inspection report is only valid for the scrap inspected during that specific inspection.

4.2.14 The complete process flow for Pre-shipment Inspection as per **FLOWCHART 2**.

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4.3 **COA Application:**

4.3.1 Application for COA is **ONLY ALLOWED** for Applicant who fulfilled the pre-conditions/pre-qualifiers listed under clause 3.

4.3.2 For manufacturers, documents to be submitted for application of COA are as follows:

NO.	DOCUMENTS REQUIRED
1.	Shipping documents (Invoice, Packing List & Import Documents)
2.	Valid Pre-shipment Inspection report (For Method Type 1A, 1B, and 1C)
3.	Inspection reports issued by SIRIM Approved MRF (For Method Type 2 only)
4.	Proof of SIRIM Approved MRF Certificate (For Method Type 2 only)
5.	Proof of Manufacturing License (ML) or Confirmation Letter for a Company Exempted from a Manufacturing License (ICA 10) issued by MIDA
6.	Bank Guarantee
7.	SIRIM Certificate i.e.: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco-Labelling Scheme or ISO 9001 or ISO 14001
8.	Shipping Insurance Policy
9.	Tariff Code Classification Letter issued by RMCD

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4.3.3 For Trading Arm Companies, documents to be submitted for application of COA are as follows:

NO	DOCUMENTS REQUIRED
1.	Shipping documents (Invoice, Packing List, and Import Documents)
2.	Valid Pre-shipment Inspection report (For Method Type 1A, 1B, and 1C)
3.	Inspection reports issued by SIRIM Approved MRF (For Method Type 2 only)
4.	Proof of SIRIM Approved MRF Certificate (For Method Type 2 only)
5.	Proof of manufacturing license (ML) or Confirmation Letter for a Company Exempted from a Manufacturing License (ICA 10) issued by MIDA
6.	Verified invoices from ML holders or ICA 10 manufacturers and Memorandum of Agreement (MoA) with ML holders or ICA 10 manufacturers
7.	Bank Guarantee
8.	SIRIM Certificate of the ML holders or ICA 10 manufacturers i.e.: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco-Labelling Scheme or ISO 9001 or ISO 14001
9.	Shipping Insurance Policy
10.	Tariff Code Classification Letter issued by RMCD

4.3.4 SIRIM shall evaluate the application 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 pre-conditions/pre-qualifiers are fulfilled and the required documents are complete.

4.3.5 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) Either Post-shipment Inspection Fee (Method Type 1C only) or Inspection at factory storage yard Fee (Method Type 2 only) depending on the Applicant's chosen method.

4.3.6 Upon receipt of payment, SIRIM shall issue the COA to the Applicant of Method Type 1A, Type 1B, and Type 2. The validity of COA is forty-five (45) days. Applicants of Type 1C may proceed with the Post-shipment Inspection process before COA can be issued. Refer to clause 4.4.

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4.3.7 Upon receiving the COA from SIRIM, the Applicant may proceed to obtain clearance at the port of entry from RMCD and the Port Authority/Port Operator to deliver the imported metal scrap to designated/manufacturer premises. Manufacturers may then proceed with manufacturing processes.

4.3.8 SIRIM shall conduct inspection at the factory storage yard to ensure compliance of the incoming imported metal scrap based on the requirements and criteria of this Guidelines for importation using Method Type 2.

4.3.9 SIRIM shall undertake audit checks of the manufacturer's premises under SIRIM Certification i.e: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco-Labelling Scheme or ISO 9001 or ISO 14001 or conduct annual inspection/verification services at manufacturing premises to ensure the manufacturers consistently process waste meeting standard requirements and requirements under this Guidelines.

4.3.10 The complete process flow for COA Application as per **FLOWCHART 3**.

4.4 Post-shipment Inspection for COA Issuance - for Method Type 1C only

4.4.1 Applicant shall undergo the Post-shipment Inspection process by SIRIM for all imported metal scrap into Malaysia via sea mode using Method Type 1C at the port of entry before COA can be issued.

4.4.2 Post-shipment Inspection shall be carried out by a SIRIM authorised inspector.

4.4.3 Applicant shall notify SIRIM of the time and date for inspection at least three (3) days in advance.

4.4.4 Applicant shall provide the original copy of the shipping documents which include the Pre-shipment Inspection report, Invoice, Packing List & Bill of Lading during the inspection.

4.4.5 Applicant shall arrange for Post-shipment Inspection activity as follows:

(i) on-board if shipment is via bulk/open vessel; or
(ii) off-board at a designated area at the port of entry prepared by the Port Authority/Port Operator if the shipment is via containers.

4.4.6 Post-shipment Inspection shall cover the following activities:

(i) Visual Inspection;
(ii) Radiation measurement (scan and measure= +0.25 μSv/h max.);

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(iii) Segregation (applicable only if any discrepancies are identified during visual inspection).

a) All costs of waste segregation including the manpower are to be borne by the Applicant. The segregation works shall be witnessed by an authorised inspector.

b) Metal scrap shall be segregated as follows (if imports contain all these elements in its shipment):
   i. Target solid metal scrap
   ii. Other solid metal scrap
   iii. Other recoverable material including plastic
   iv. Scheduled waste including electrical and electronic waste
   v. Other Impurities

c) Authorised inspector shall select samples from each grouping based on ISO 2859-1, Sampling Plan according to General Inspection Level II and Acceptance Quality Limit (AQL) 6.5. Samples shall be weighed and calculated based on the percentage of the incoming scrap.

Example for shipment via containers:

Imported metal scrap using containers = 50 containers Sampling using AQL (General Inspection Level II, 6.5) = 8 containers

From each 8 containers, samples shall be taken for:

1) Visual inspection
2) Segregation, weighing and measuring (applicable only if any discrepancies are identified during visual inspection).
3) Radiation (scan and measure)

The external exposure of the radiation rate for the material including the packaging shall not exceed +0.25 μSv/h than the normal natural background radiation level.

Example: Natural background level = 0.1
Radiation reading = 0.1 + 0.25 μSv/h
= 0.35 μSv/h max.

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4.4.7 Upon completion of Post-shipment Inspection, SIRIM shall issue an Inspection report to the Applicant containing information on:

(i) Verification of Pre-shipment Inspection report.

(ii) Verification and evidence of shipping documents (Invoice, Packing List & Bill of Lading) and Manufacturing License (ML) or Confirmation Letter for a Company Exempted from a Manufacturing License (ICA 10) issued by MIDA.

(iii) Visual inspection for importation by:
   a) Bulk/Open Vessel: Vessel transporting the metal scrap and its related cargo and the final condition of the vessel;
   b) 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 metal scrap classification, scheduled waste, other impurities, and hazardous elements (if applicable).

(vi) Visual evidence:
   a) Vessel transporting metal scrap (for bulk/open vessel), container and metal scrap;
   b) Start and end of segregation and grouping process (applicable only if any discrepancies are identified during visual inspection); and
   c) Any findings from the visual inspection.

(vii) All visual evidence shall follow SIRIM's Post-shipment Inspection report and contain:
   a) Original timestamp and date from device;
   b) Location of inspection;
   c) Inspector conducting the inspection at the inspection site (selfie is acceptable).

(viii) The Post-shipment Inspection report shall be signed and approved by qualified inspector/Approved Signatory by SIRIM.

4.4.8 If Post-shipment Inspection results do not comply with the requirements under this Guidelines, COA will not be issued and the Applicant shall return the imported metal scrap to the country of origin or appropriately dispose of it in an environmentally sound manner at their own cost, as per clause 3.2.1 (ii) or clause 3.3.1 (ii).

4.4.9 If Post-shipment Inspection results comply with the requirements under this Guidelines, SIRIM shall issue the COA.

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4.4.10 Upon issuance of the COA, the Applicant can proceed to obtain clearance approval from RMCD and Port Authority/Port Operator to unload and deliver the imported metal scrap to designated/manufacturer premises for the manufacturing process.

4.4.11 SIRIM shall undertake audit checks of the manufacturer's premises under SIRIM Certification i.e: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco-Labelling Scheme or ISO 9001 or ISO 14001 or conduct annual inspection/verification services at manufacturing premises to ensure the manufacturers consistently process the waste that meets the standard requirements and requirements under this Guidelines.

4.4.12 The complete process flow for Post-shipment Inspection for COA issuance for Method Type 1C only as per **FLOWCHART 4**.

4.5 Inspection at Factory Storage Yard - For Method Type 2 Only

4.5.1 Applicant shall undergo an inspection process for all imported metal scrap into Malaysia by each shipment using Method Type 2 at a designated factory storage yard.

4.5.2 The inspection shall be performed by SIRIM's authorised inspector.

4.5.3 Applicant shall notify SIRIM of the time and date for inspection at least three (3) days in advance.

4.5.4 Applicant shall provide the ORIGINAL copy of Shipping Documents which include K1 Form, Invoice, Packing List, and Bill of Lading during the inspection.

4.5.5 Post-shipment Inspection shall cover the following activities:

(i) Visual Inspection;
(ii) Radiation measurement (scan and measure= +0.25 μSv/h max.);
(iii) Segregation (applicable only if any discrepancies are identified during visual inspection).

a) All costs of waste segregation including the manpower are to be borne by the Applicant. The segregation works shall be witnessed by an authorised inspector.

b) Metal scrap shall be segregated as follows (if imports contain all these elements in its shipment):
   i. Target solid metal scrap;
   ii. Other solid metal scrap;

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iii. Other recoverable material including plastic;
iv. Scheduled waste including electrical and electronic waste;
v. Other Impurities.

c) Authorised inspector shall select samples from each grouping based on ISO 2859-1, Sampling Plan according to General Inspection Level II and Acceptance Quality Limit (AQL) 6.5. Samples shall be weighed and calculated based on the percentage of the incoming scrap.

Example:

Imported metal scrap using containers = 50 containers
Sampling using AQL (General Inspection Level II, 6.5) = 8 containers

From each 8 containers, samples shall be taken for:

1) Visual inspection.
2) Segregation, weighing, and measuring (applicable only if any discrepancies are identified during visual inspection).
3) Radiation (scan and measure).
   The external exposure of the radiation rate for the materials including packaging shall not exceed +0.25 μSv/h than the normal natural background radiation level.

- Example: Natural background level = 0.1
  Radiation reading = 0.1 + 0.25 μSv/h
  = 0.35 μSv/h maximum

4.5.6 Upon completion of the inspection, SIRIM shall issue an inspection report to the Applicant with the following information:

(i) Verification and evidence of shipping documents (K1 form, Invoice, Packing List & Bill of Lading) and Manufacturing License (ML) 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 metal scrap classification, scheduled waste, other impurities, and hazardous elements (if applicable).

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(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 Post-shipment Inspection report and contain:
   a) Original timestamp and date from device,
   b) Location of inspection,
   c) Inspector conducting the inspection at the inspection site (selfie is acceptable).

(viii) The Post-shipment Inspection report shall be signed and approved by qualified inspector/Approved Signatory by SIRIM.

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

(i) SIRIM shall suspend the SIRIM Approved MRF Certificate.
(ii) Applicant to manage the waste and scheduled waste disposal (if applicable).
(iii) Applicant is not approved to continue importing metal scrap via Method Type 2.

4.5.8 SIRIM shall undertake audit checks of the manufacturer's premises under SIRIM Certification i.e: Management of Imported Scrap and Waste (MISW) or Product Certification Scheme or Eco-Labelling Scheme or ISO 9001 or ISO 14001 or conduct annual inspection/verification services at manufacturing premises to ensure the manufacturers consistently process the waste that meets the standard requirements and requirements under this Guidelines.

4.5.9 The complete process flow for Inspection at Factory Storage Yard as per **FLOWCHART 5.**

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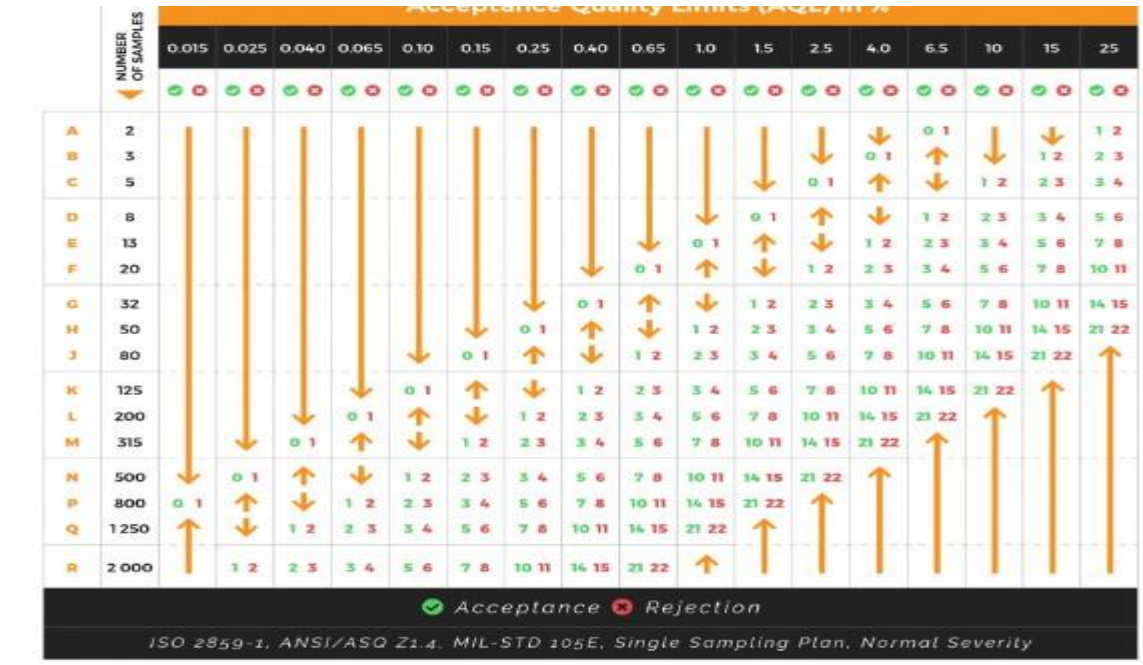
4.6 Sampling Plan for Inspection

4.6.1 Authorised inspector shall select samples from each grouping based on ISO 2859- 1, Sampling Plan according to General Inspection Level II and Acceptance Quality Limit (AQL) 6.5. Refer to **TABLE 2**. For each sample, a sub-sample size of 10% (by weight) or 500 kg from each sample, whichever is less, shall be taken for segregation and measurement.

TABLE 2: ISO 2859-1, SAMPLING PLAN ACCORDING TO GENERAL INSPECTION LEVEL II AND ACCEPTANCE QUALITY LIMIT (AQL) 6.5.

	General Inspection Levels			Special Inspection Levels			
Lot size (Number of ordered products)	I	II	III	S-1	S-2	S-3	S-4
2 → 8	A	A	B	A	A	A	A
9 → 15	A	B	C	A	A	A	A
16 → 25	B	C	D	A	A	B	B
26 → 50	C	D	E	A	B	B	C
51 → 90	C	E	F	B	B	C	C
91 → 150	D	F	G	B	B	C	D
151 → 280	E	G	H	B	C	D	E
281 → 500	F	H	J	B	C	D	E
501 → 1 200	G	J	K	C	C	E	F
1 201 → 3 200	H	K	L	C	D	E	G
3 201 → 10 000	J	L	M	C	D	F	G
10 001 → 35 000	K	M	N	C	D	F	H
35 001 → 150 000	L	N	P	D	E	G	J
150 001 → 500 000	M	P	Q	D	E	G	J
500 001 → 10000000	N	Q	R	D	E	H	K

ISO 2859-1, ANSI/ASQ Z1.4, MIL-STD 105E, Single Sampling Plan



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5 SCHEDULE OF FEES

a. Pre-shipment Inspection for Method Type 1A (Sea Mode/Land Mode of Transport)

No	Descriptions	Fees (RM)
1.	**≤ 50 MT**	500
2.	**51 to 100 MT**	800
3.	**101 to 200 MT**	1,000
4.	**201 to 375 MT**	1,500
5.	**376 to 625 MT**	2,000
6.	**626 to 1,250 MT**	3,500
7.	**1251 to 3000 MT**	6,000
8.	**Subsequent weight (>3000 MT)**	1.80/tonne
9.	**Inspection report (≤375 MT)**	400/shipment
10.	**Inspection report (>376 MT)**	500/shipment
11.	**Incidental**	As charged where applicable for accommodation, living allowances, and transportation/mileage

Example for Fee calculation:
Imported metal scrap using bulk vessel/open vessel = 50 MT

Fee for 50 MT = RM 500
Inspection report = RM 400
Total = RM 900 (not including Incidental fee)

b. COA Fee

No	Description	Fee (RM)
1.	**New application fee & Issuance of Certificate of Approval (COA) / Shipment** *(Payable upon application & strictly non-refundable)*	350/shipment

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c. Post-shipment Inspection Fee for Method Type 1C

(i) On-board (Shipment via Bulk/Open Vessel)

No	Descriptions	Fees (RM)
1.	**≤ 1500 MT**	1,350/shipment
2.	**1501 to 3000 MT**	2,700/shipment
3.	**Subsequent weight (>3000 MT)**	0.70/MT
4.	**Inspection report**	500/shipment
5.	**Testing fee (If applicable)**	1,500/day/shipment
6.	**Incidental** SIRIM at its discretion shall assign an authorized inspector from the SIRIM branch nearest to the Port of Entry	Refer **TABLE 3**: Incidental cost for Post-shipment Inspection (For Method Type 1C)

Example for Fee calculation:
Imported metal scrap using bulk vessel/open vessel = 1500 MT

Fee for 1500 MT = RM 1350
Inspection report = RM 500
Total = RM 1850 (not including Incidental fee)

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(ii) Off-board (Shipment via container)

No	Descriptions	Fees (RM)
1.	**First 3 containers**	300
2.	**Subsequent containers**	100
3.	**Inspection report**	500/shipment
4.	**Testing fee (If applicable)**	1,500/day/shipment
5.	**Incidental cost for Post-shipment Inspection:** SIRIM at its discretion shall assign an authorised inspector from the SIRIM branch nearest to the Port of Entry.	Refer **TABLE 3:** Incidental cost for Post-shipment Inspection

Example for Fee calculation:
Imported metal scrap using container = 10 containers
Sampling using AQL (General Inspection Level II, 6.5) = 3 containers

Total fee for 3 containers = RM 300
Inspection report = RM 500
Total = RM 800 (not including Incidental fee)

Note:
From each 3 containers, samples will be taken for:
1) Visual inspection
2) Segregation, weighing, and measuring (applicable only if any discrepancies are identified during visual inspection)
3) Radiation measurement (scan and measure)

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TABLE 3: INCIDENTAL COST FOR POST-SHIPMENT INSPECTION (FOR METHOD TYPE 1C)

SIRIM HQ to Port (Central Region)

No	Port	Incidental Cost (RM)/Round Trip
1.	West Port, Klang	72
2.	North Port, Klang	48
3.	Lumut Port, Perak	336

SIRIM Johor to Port

No	Port	Incidental Cost (RM) /Round Trip
1.	Johor Port, Pasir Gudang	72
2.	Tanjung Langsat Port, Pasir Gudang	96
3.	Tanjung Pelepas Port, Gelang Patah	72

SIRIM Penang to Port

No	Port	Incidental Cost (RM) /Round Trip
1.	NBCT Port	24
2.	BWCT Port	24

SIRIM Pahang to Port

No	Port	Incidental Cost (RM) /Round Trip
1.	Kuantan Port, Pahang	24
2.	Kertih Port, Terengganu	160
3.	Kemaman Port, Terengganu	160

SIRIM Sarawak to Port

No	Port	Incidental (RM) /Round Trip
1.	Kuching Port	16
2.	Miri Port	Flight Ticket + other cost (0.80/km)
3.	Bintulu Port	Flight Ticket + other cost (0.80/km)
4.	Sibu Port	Flight Ticket + other cost (0.80/km)

SIRIM Sabah to Port

No	Port	Incidental Cost (RM) /Round Trip
1.	Kota Kinabalu Port	40
2.	Sepanggar Port	24
3.	Sandakan Port	Flight Ticket + other cost (0.80/km)
4.	Tawau Port	Flight Ticket + other cost (0.80/km)
5.	Lahad Datu	Flight Ticket + other cost (0.80/km)
6.	Labuan Port	Flight Ticket + other cost (0.80/km)

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d. Inspection at Factory Storage Yard (For Method Type 2 only)

(i) Inspection Fee for every sample container

No	Descriptions	Fees (RM)
1.	**First 3 containers**	300
2.	**Subsequent containers**	100
3.	**Inspection report**	500/shipment
4.	**Testing fee (If applicable)**	1,500/day/shipment
5.	**Incidental Charges for Inspection at Factory Storage Yard**	As per SIRIM's standard rate

Example for Fee calculation:
Imported metal scrap using container = 10 containers
Sampling using AQL (General Inspection Level II, 6.5) = 3 containers

Total fee for 3 containers = RM 300
Inspection report = RM 500
Total = RM 800 (not including Incidental fee)

Note:
From each 3 containers, samples will be taken for:

1) Visual inspection
2) Segregation, weighing, and measuring (applicable only if any discrepancies are identified during visual inspection),
3) Radiation measurement (scan and measure)

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(ii) Inspection Fee for scrap using bulk vessel/open vessel

No	Descriptions	Fees (RM)
1.	**≤ 1500 MT**	1,350/shipment
2.	**1501 to 3000 MT**	2,700/shipment
3.	**Subsequent weight (>3000 MT)**	0.70/MT
4.	**Inspection report**	500/shipment
5.	**Testing fee (If applicable)**	1,500/day/shipment
6.	**Incidental Charges for Inspection at Factory Storage Yard**	As per SIRIM's standard rate

Example for Fee calculation:
Imported metal scrap using bulk vessel/open vessel = 1500 MT
Fee for 1500 MT = RM 1350
Inspection report = RM 500
Total = RM 1850 (not including Incidental fee)

Example for Sampling plan calculation:
Actual number of trucks used to transfer to the factory yard = 100 trucks
Sampling using AQL (General Inspection Level II, 6.5) = 20 trucks
From 20 trucks, samples will be taken for:
1) Visual inspection,
2) Segregation, weigh, and measure (applicable only if any discrepancies are identified during visual inspection),
3) Radiation measurement (scan and measure = +0.25 µSv/h max).

6 CLIENT CHARTER

a. Pre-Shipment Inspection by SIRIM

Issuing an invoice	1 working day
Inspection at Country of Origin	2-5 working days
Issuing of Inspection report	2 working days
Total	**5-8 working days**

b. COA Application

Evaluation of submitted shipping documents	1 working day
Issuing an invoice	1 working day
Total	**2 working day**

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c. Post-shipment Inspection (For Method Type 1C only)

Post-shipment Inspection	1-4 working days
Inspection report and Approval	1 working day
Total	**2-5 working days**

d. COA Issuance

COA issuance upon payment (Type 1A, Type 1B and Type 2)	1 working day
COA issuance upon compliance of Post-shipment Inspection (Type 1C)	1 working day

e. Inspection at Factory Storage Yard (For Method Type 2 only)

Issuing of Quotation	1-2 working days
Scheduling of inspection	1-2 working days
Inspection process	1-5 working days
Inspection report and Approval	1-2 working day
Total	**4-11 working days**

7 GLOSSARY OF TERMS

7.1 **Applicant(s)** – Importer (including Third Party Importer, Manufacturer, or Trading Arm Company) who applies for the importation of metal scrap 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 metal scrap after successfully complying with the various standards and meeting all the requirements under this Guidelines.

7.5 **Foreign Inspection Body** – 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 **ICA 10 manufacturers** - Manufacturers who are exempted from a Manufacturing License from MITI and/or granted with an Exemption from Manufacturing License from Malaysian Investment Development Authority

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(MIDA) (ICA 10).

7.7 **Inspection** – The examination or assessment of goods, processes, services, installation, or design to determine its conformity with specific requirements and professional judgment.

7.8 **Inspection report** – A complete report from SIRIM or Foreign Inspection Body for the metal scrap inspection.

7.9 **Manufacturing License (ML) holder** – A manufacturing company registered with Companies Commission of Malaysia (SSM) and has obtained Manufacturing License (ML) from MITI and other licenses from relevant local authorities.

7.10 **Metal scrap** – Waste and scrap of precious metal or of metal clad with precious metal; other waste and scrap containing precious metal or precious metal compounds, of a kind used principally for the recovery of precious metal.

7.11 **Post-shipment Inspection** – Inspection of imported metal scrap conducted at port of entry before the issuance of COA.

7.12 **Pre-shipment Inspection** – Inspection of metal scrap conducted at the country of origin by SIRIM or any approved Foreign Inspection Body (FIB).

7.13 **Scheduled waste** – Any waste that falls within the waste category listed in the First Schedule, Environmental Quality (Scheduled Wastes) Regulations 2005.

7.14 **Shipping document** – A set of documents which include Invoice, Packing List, Import Declaration and Bill of Lading from the various incoming scrap shipment.

7.15 **SIRIM** – SIRIM QAS International Sdn. Bhd. who is acting on behalf of SIRIM Berhad pursuant to the Customs (Prohibition of Imports) Order 2023 and Customs (Prohibition of Imports) (Amendment) Order 2024.

7.16 **SW110** – Waste from electrical and electronic assemblies containing components such as accumulators, mercury-switches, glass from cathode-ray tubes and other activated glass polychlorinated biphenyl-capacitors, or contaminated with cadmium, mercury, lead, nickel, chromium, copper, lithium, silver, manganese or polychlorinated biphenyl.

7.17 **Trading Arm Company** – Third parties or subsidiaries of iron and steel mills, aluminium producers, copper, nickel, lead, zinc, tin, tungsten (wolfram), molybdenum, tantalum, magnesium, cobalt, bismuth, titanium, zirconium, antimony, manganese, beryllium, chromium, hafnium, rhenium, thallium, cadmium, and other metal waste & scrap makers who conduct trading activities.

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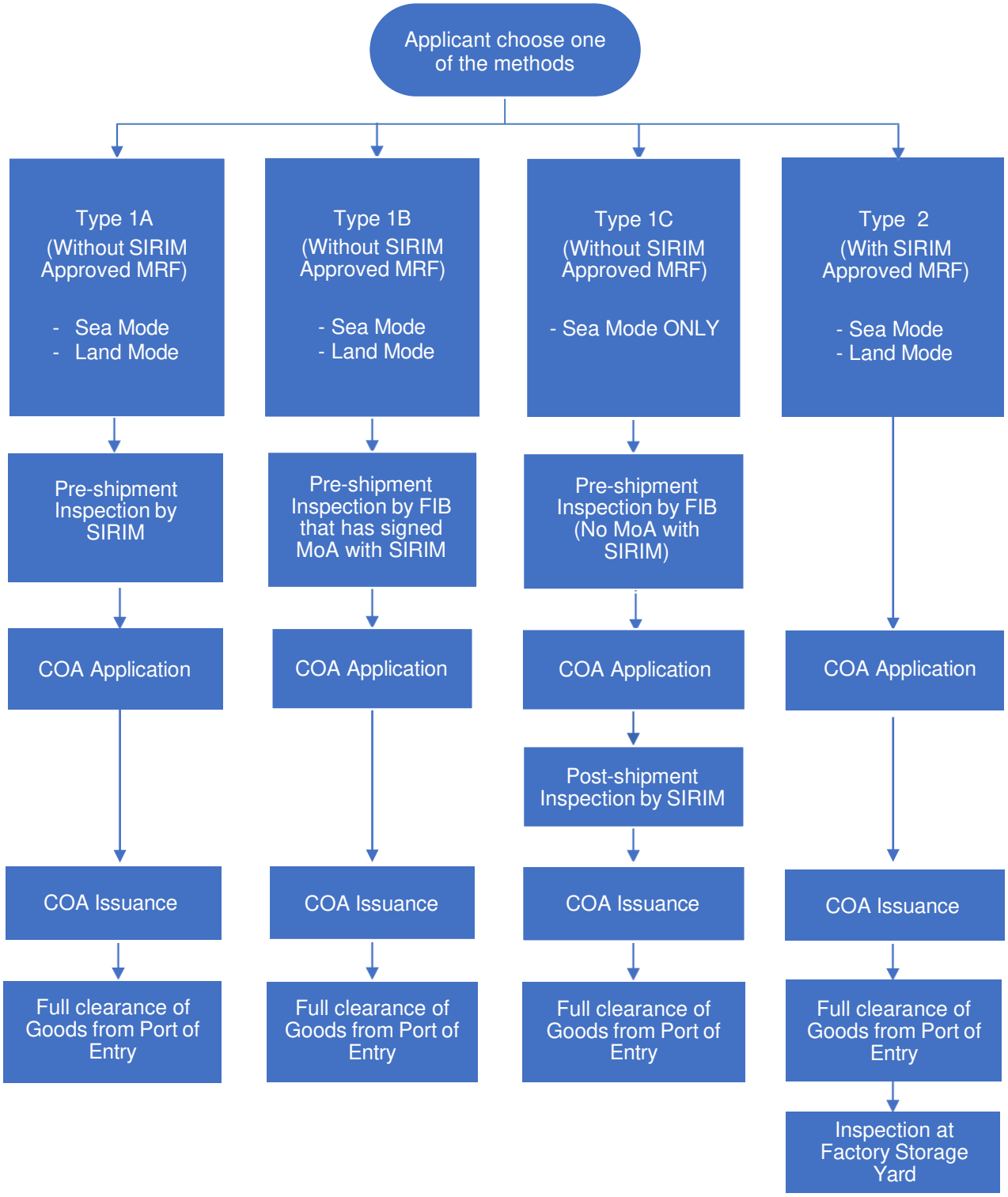
8 REFERENCES

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

No.	REFERENCES
1.	Department of Environment (DOE) "Garis Panduan Pengimportan Sekerap Logam ke Malaysia", Jabatan Alam Sekitar, Keluaran Pertama, Januari 2020
2.	ISO 2859-1: Sampling procedures for inspection by attributes – Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
3.	DOE "Environmental Quality (Scheduled Wastes) Regulations 2005"
4.	DOE "Environmental Quality Act 1974"
5.	GB 16487.7-2017 Environmental Protection Control Standard for Imported Solid Waste as Raw Material
6.	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 2019

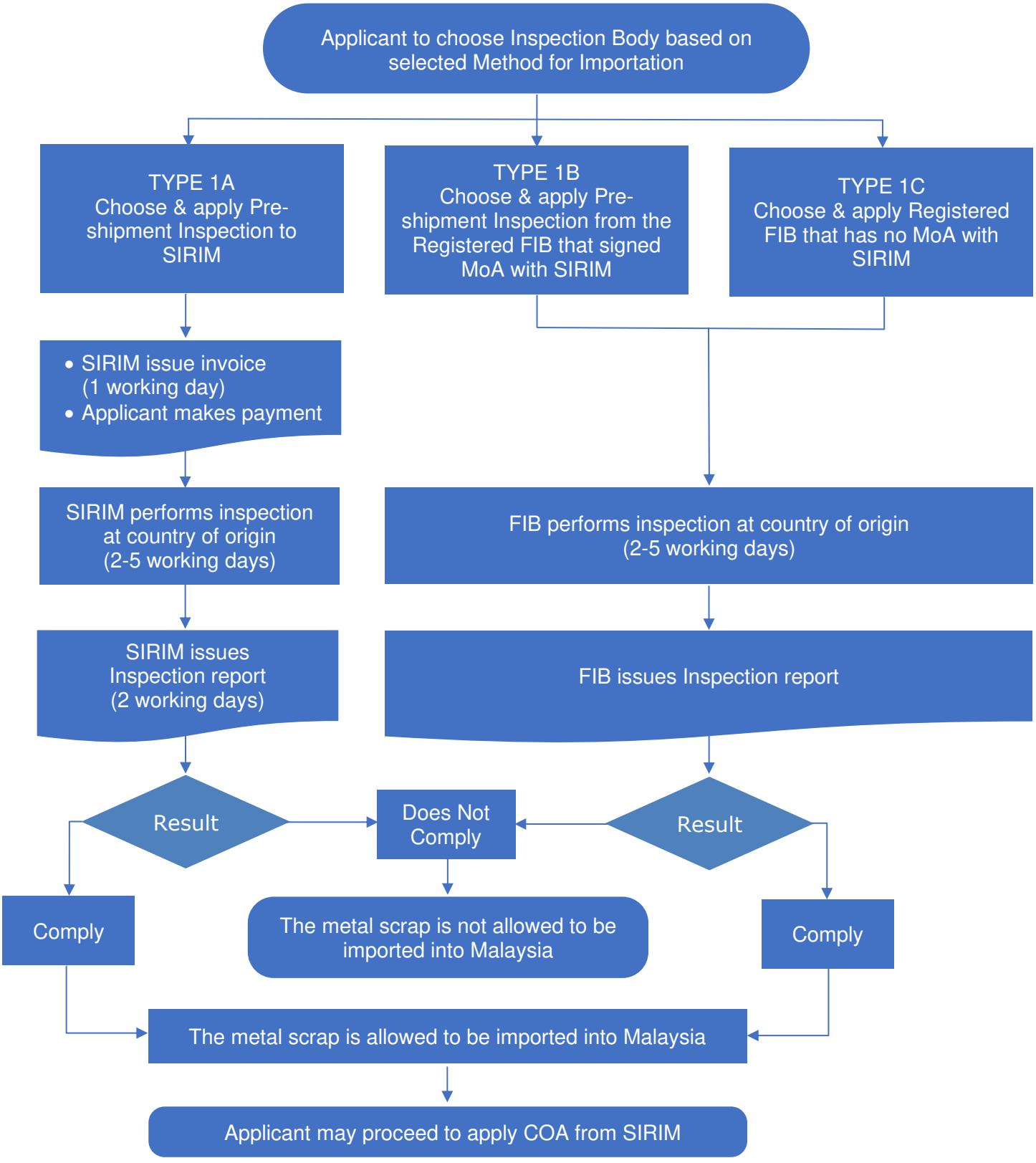
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FLOWCHART 1: OVERVIEW OF THE PROCEDURE FOR IMPORTATION AND INSPECTION OF METAL SCRAP INTO MALAYSIA.



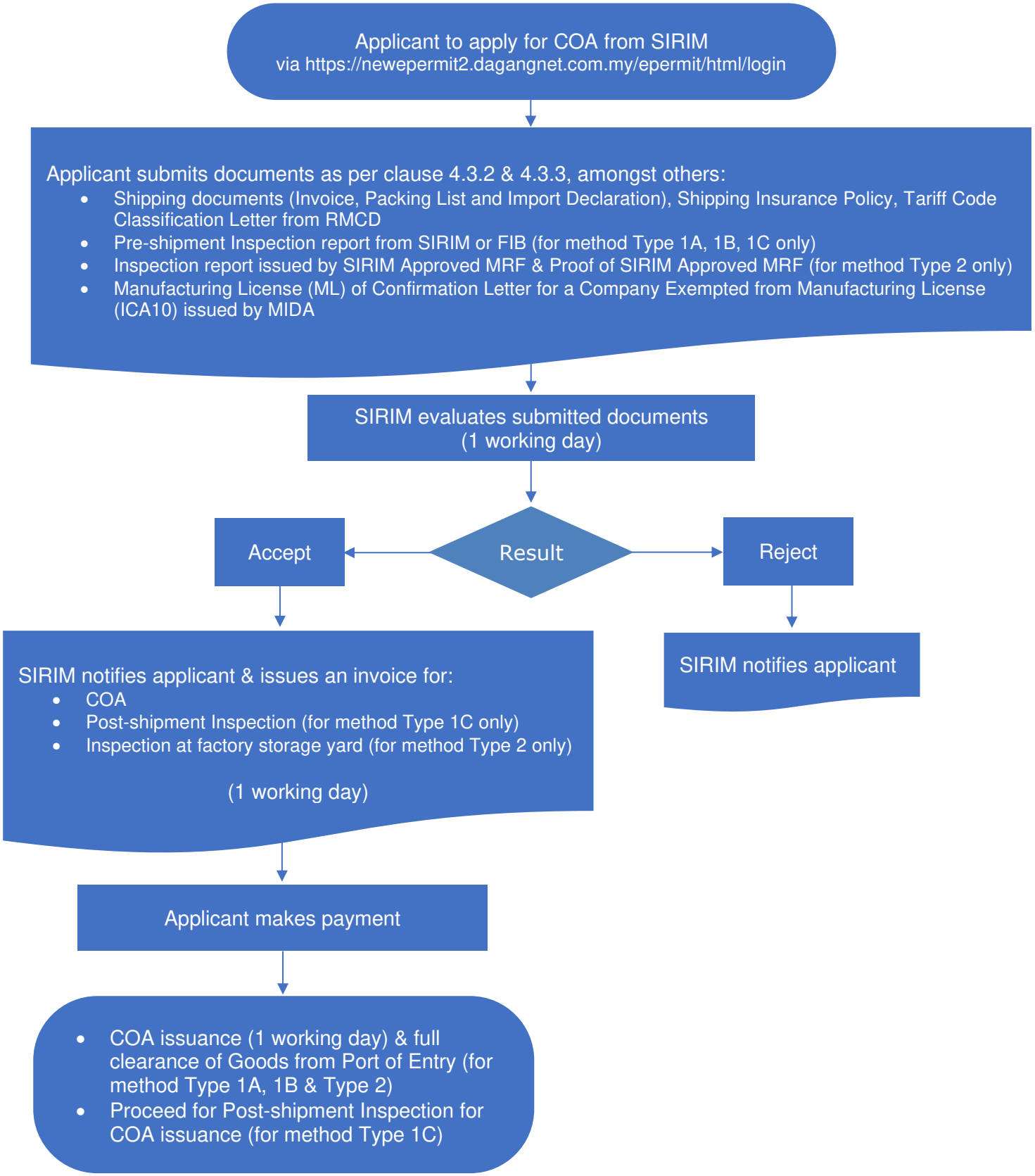
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FLOWCHART 2: PRE-SHIPMENT INSPECTION FOR METHOD TYPE 1A, 1B AND 1C ONLY



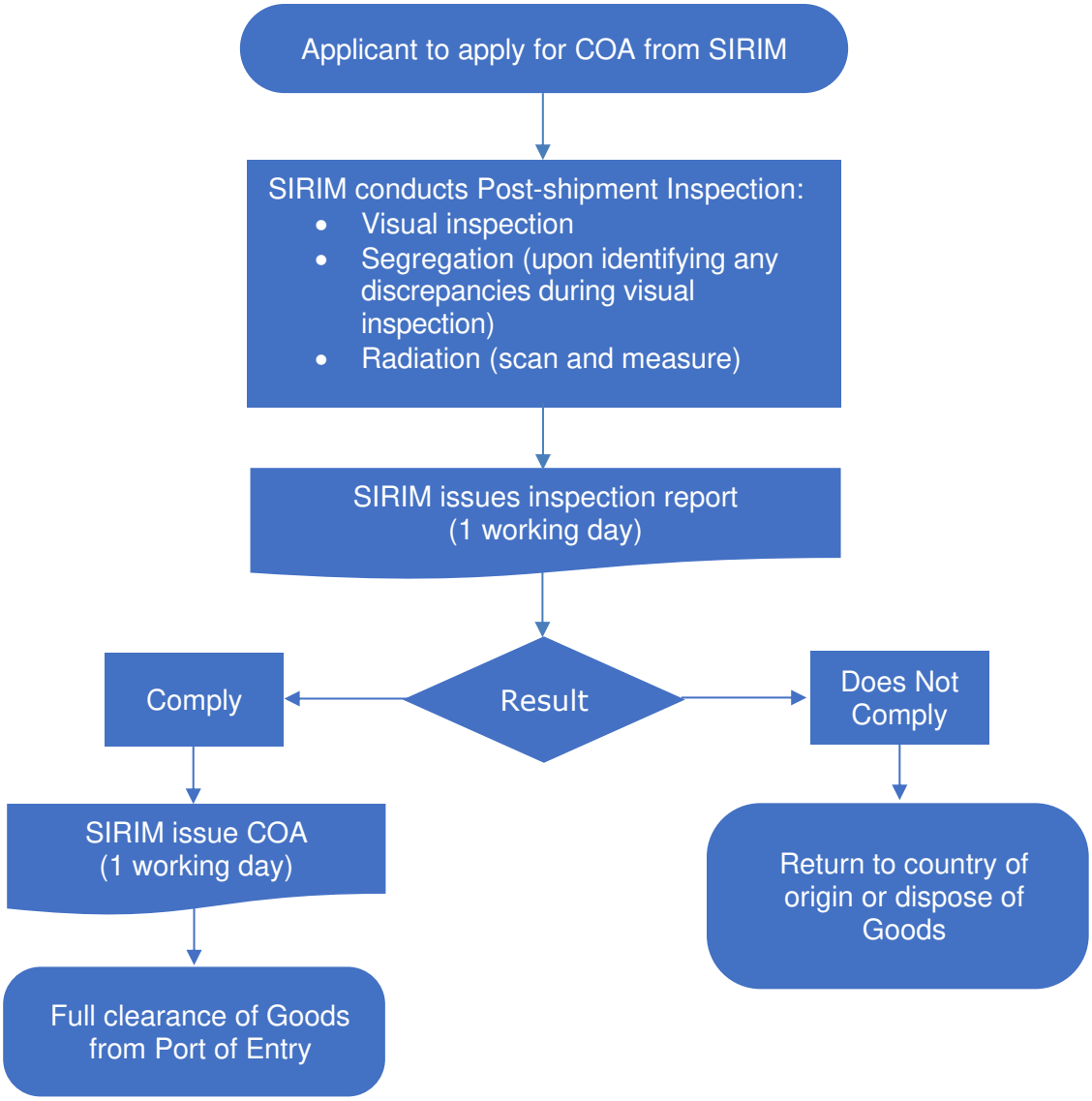
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FLOWCHART 3: COA APPLICATION



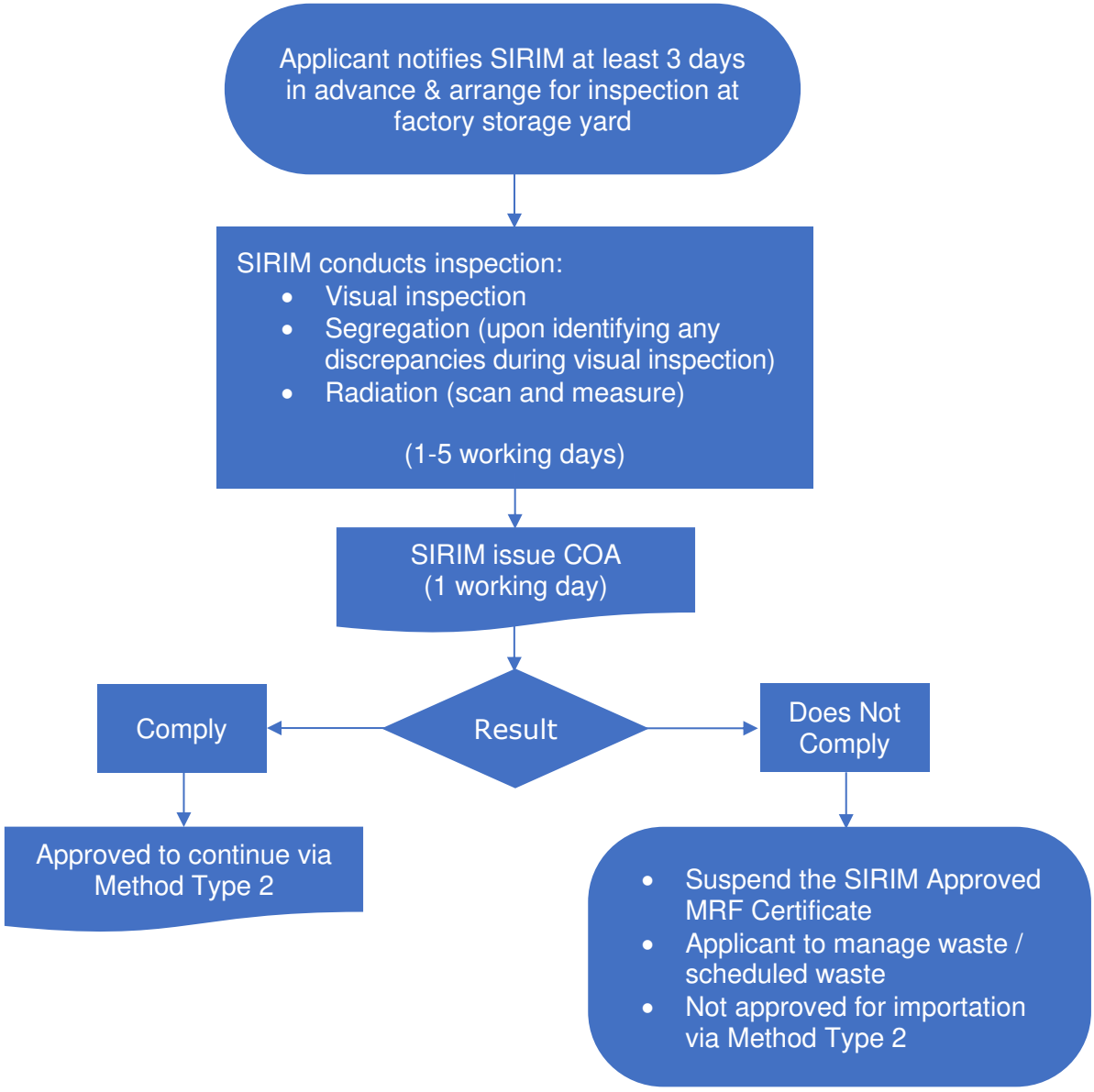
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FLOWCHART 4: POST-SHIPMENT INSPECTION FOR METHOD TYPE 1C ONLY



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FLOWCHART 5: INSPECTION AT FACTORY STORAGE YARD FOR METHOD TYPE 2 ONLY



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ANNEX 1

LIST OF TARIFF CODES FOR THE IMPORTATION OF METAL SCRAP SUBJECT TO COA FROM SIRIM

No.	Tariff Code	Description
1	72.04	Ferrous waste and scrap; remelting scrap ingots of iron or steel
2	74.04	Copper waste and scrap
3	76.02	Aluminium waste or scrap
4	7503.00.00 00	Nickel waste and scrap
5	7802.00.00 00	Lead waste and scrap
6	7902.00.00 00	Zinc waste and scrap
7	8002.00.00 00	Tin waste and scrap
8	8101.97.00 00	Tungsten (wolfram) waste and scrap
9	8102.97.00 00	Molybdenum waste and scrap
10	8103.30.00 00	Tantalum waste and scrap
11	8104.20.00 00	Magnesium waste and scrap
12	8105.30.00 00	Cobalt waste and scrap
13	8106.10.10 00	Bismuth waste and scrap
14	8106.90.10 00	
15	8108.30.00 00	Titanium waste and scrap
16	8109.31.00 00	Zirconium waste and scrap
17	8109.39.00 00	
18	8110.20.00 00	Antimony waste and scrap
19	8111.00.10 00	Manganese waste and scrap
20	8112.13.00 00	Beryllium waste and scrap
21	8112.22.00 00	Chromium waste and scrap
22	8112.31.00 00	Hafnium waste and scrap
23	8112.41.00 00	Rhenium waste and scrap
24	8112.52.00 00	Thallium waste and scrap
25	8112.61.00 00	Cadmium waste and scrap
26	8112.92.00 00	Other metal waste and scrap

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SIRIM QAS INTERNATIONAL

GUIDELINES FOR IMPORTATION AND INSPECTION OF METAL SCRAP – EDITION 2

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