PRESENTATION ON:

MATERIAL RECOVERY FACILITY *(MRF)*

MANAGEMENT OF IMPORTED SCRAP AND WASTE *(MISW)*

Presented by:

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Product Certification & Inspection Department

20th May 2025

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01 MATERIAL RECOVERY FACILITY (MRF)

INTRODUCTION
OVERVIEW OF THE PROCEDURE FOR IMPORTATION OF WASTE PLASTIC

TYPE 1



PRE-SHIPMENT INSPECTION BY SIRIM OR BY SIRIM APPROVED FIB



COA APPLICATION



COA ISSUANCE



FULL CLEARANCE OF GOODS FROM POINTS OF ENTRY

TYPE 2
(WITH SIRIM APPROVED MRF)



PRE-SHIPMENT INSPECTION BY SIRIM APPROVED MRF



COA APPLICATION



COA ISSUANCE



CLEARANCE



INSPECTION BY SIRIM AT FACTORY STORAGE YARD IN MALAYSIA

METHOD	DESCRIPTION
TYPE 1	Pre-shipment Inspection Report by SIRIM or SIRIM Approved Foreign Inspection Body (FIB)
TYPE 2	Pre-shipment Inspection Report by SIRIM Approved Materials Recovery Facility (MRF)

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INTRODUCTION TO MRF APPROVAL SCHEME

M R F

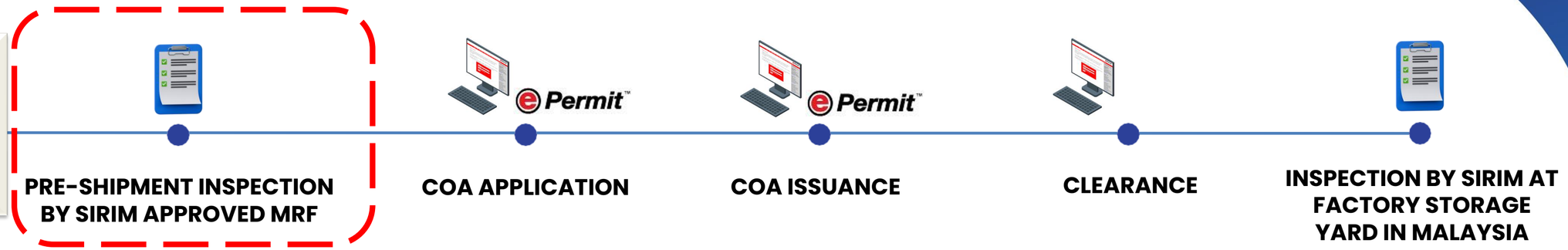
MATERIAL RECOVERY FACILITY

> *A facility where dry recyclable waste is treated to separate them into dry waste streams to be sold or sourced to end buyers.*

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Relationship between **MRF & COA**

TYPE 2
(WITH SIRIM APPROVED MRF)



- ❑ Part of COA mechanism
- ❑ One of the methods of importation
- ❑ Methods can be changeable with every COA application
- ❑ COA application in e-permit depending on importer & MRF

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OBJECTIVES



To **streamline the import process** for metal scrap using Method Type 2

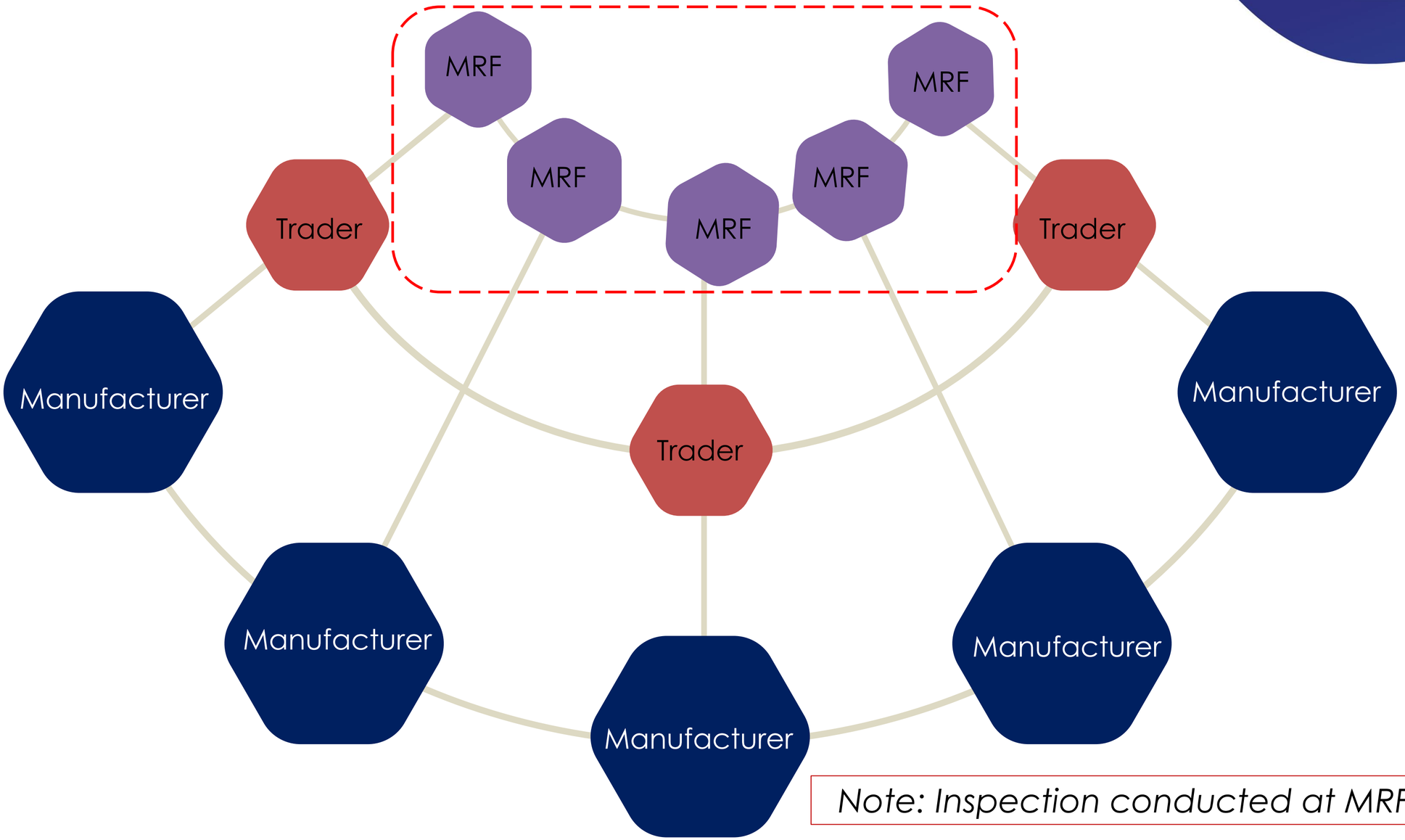
To **complement** the Certificate of Approval **(COA) process**

Allow the MRF to **issue self-pre-shipment inspection reports** usable for COA application

Guide the importers on the SIRIM approval process for MRF

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MRF INSPECTION METHODOLOGY



Note: Inspection conducted at MRF, not at traders' site

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MRF INSPECTION METHODOLOGY

MULTI-SITE INSPECTION

i. Inspection will be conducted at **selected** sites
ii. Pre-set conditions & criteria
iii. Pre-determined sampling plan

SINGLE SITE INSPECTION

Inspection will be conducted to **each** MRF site

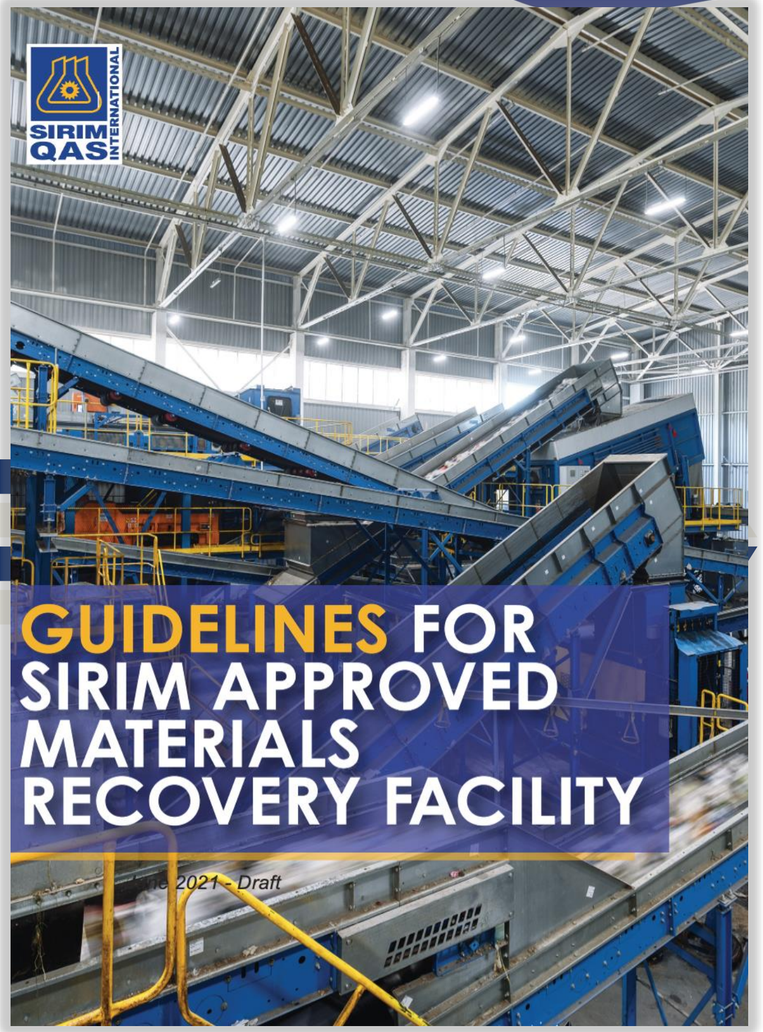
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SIRIM MRF APPROVAL SCHEME GUIDELINE KEY REQUIREMENTS

REDEFINING THE FUTURE

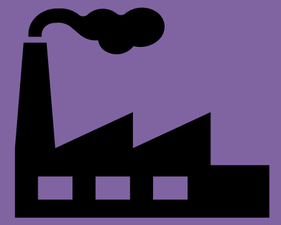
50 Anniversary

- Scope, Pre-Conditions, General requirements
- Facility capacity, Machinery & Equipment, Training
- Recovered materials, Housekeeping, Process, Residual waste
- Issuance of MRF inspection report, Non-compliance, Recordkeeping



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WHO CAN BE THE APPLICANT?



Manufacturers:

- ✓ *Local*
- ✓ *Valid & relevant ML/ICA10*



Traders:

- ✓ *Local*
- ✓ *Foreign*
- ✓ *3rd party who supplies to the importer*



MRF:

- ✓ *Foreign*
- ✓ *Valid & relevant license/ permit from local authority*

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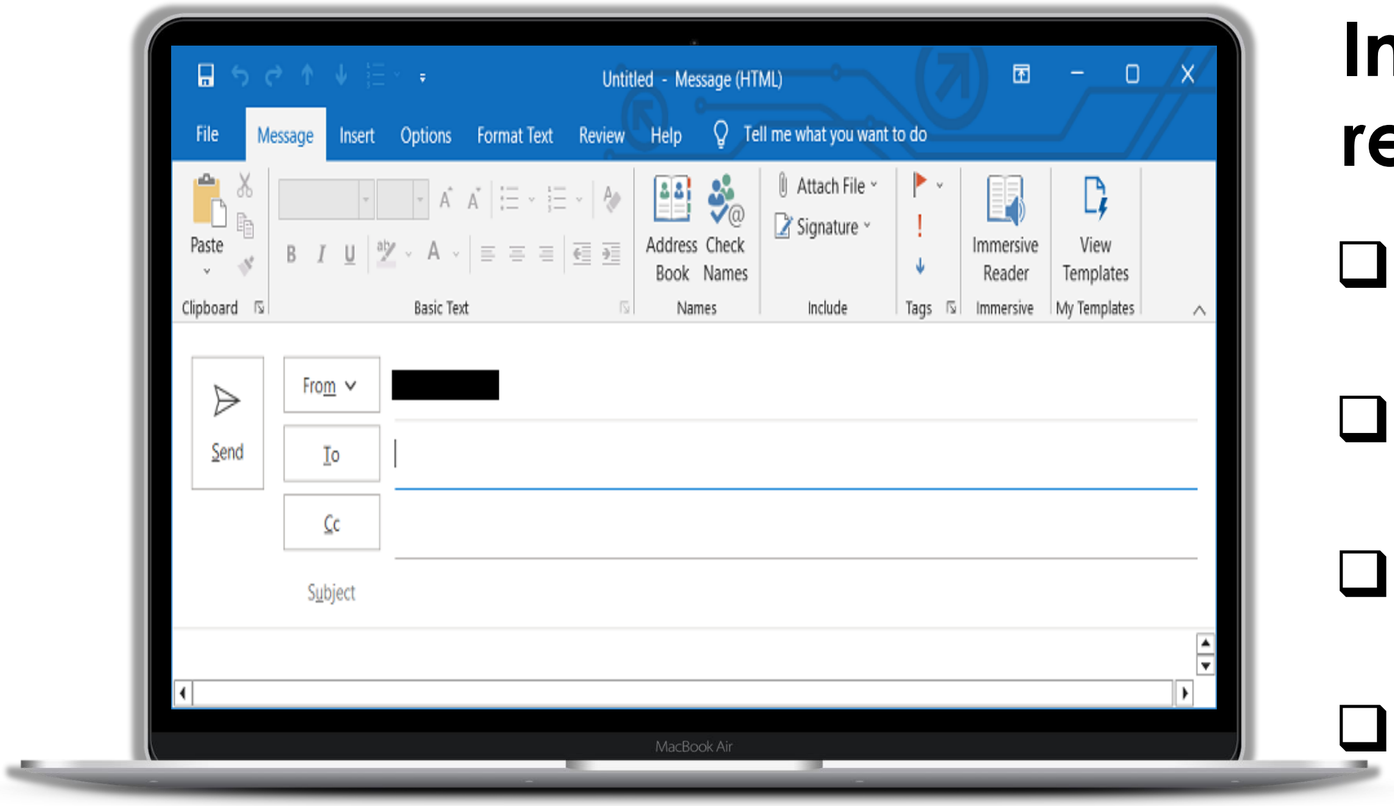
REQUIRED DOCUMENTS

	Manufacturer	Foreign MRF	Traders
Application Form	✓	✓	✓
MRF license	✓	✓	✓
Local authority license	✓	✓	✓
Test equipment list	✓	✓	✓
Recovery Process	✓	✓	✓
MOA with manufacturer	✗	✗	✓

Applications email to: **scrap@sirim.my**

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REQUIRED INFORMATION



Information required before registration submission:

- ❑ **Who will be the applicant:** MRF/local manufacturer/trader
- ❑ **Country of origin:** one site = one application
- ❑ **HS Code classification confirmation:** HS Code applicable for SIRIM COA only
- ❑ Submit to scrap@sirim.my

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SCHEDULE OF FEES ESTIMATION

Description	Cost (RM)
Application (once off)	2500
Issuance of license/Renewal (every 3 years)	1800
Inspection (1 day) (depending on the country)	2000/site + incidental
Airfare & accommodation	Depending on the location. To be provided by the applicant.

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02 MANAGEMENT OF IMPORTED SCRAP AND WASTE SCHEME (MISW/QUOTA)

INTRODUCTION TO MISW APPROVAL SCHEME

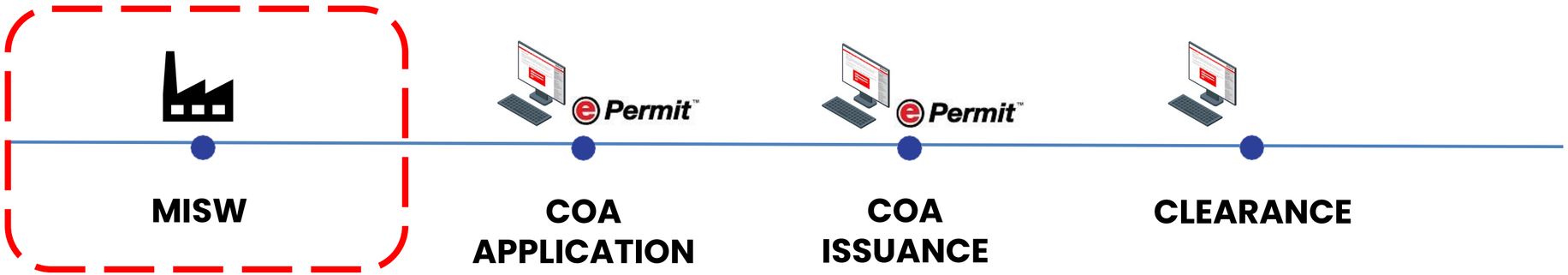
"**Guidelines for Management of Imported Scrap and Waste (MISW)** has been established to complement the implementation of the main guidelines, and to ensure that the imported waste for industrial use is consistently managed in an **environmentally sound manner**"

SIRIM Guidelines for Importation and Inspection of Waste Plastic

The MISW Certificate shall be submitted to SIRIM during COA application by the manufacturer for each shipment.

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RELATIONSHIP BETWEEN MISW & COA



- Part of COA mechanism
- Factory inspection shall be conducted based on the relevant local regulations & requirements.
- Approved applicants obtain a certain quota of importation.
- Act as **pre-requisite condition** for COA application

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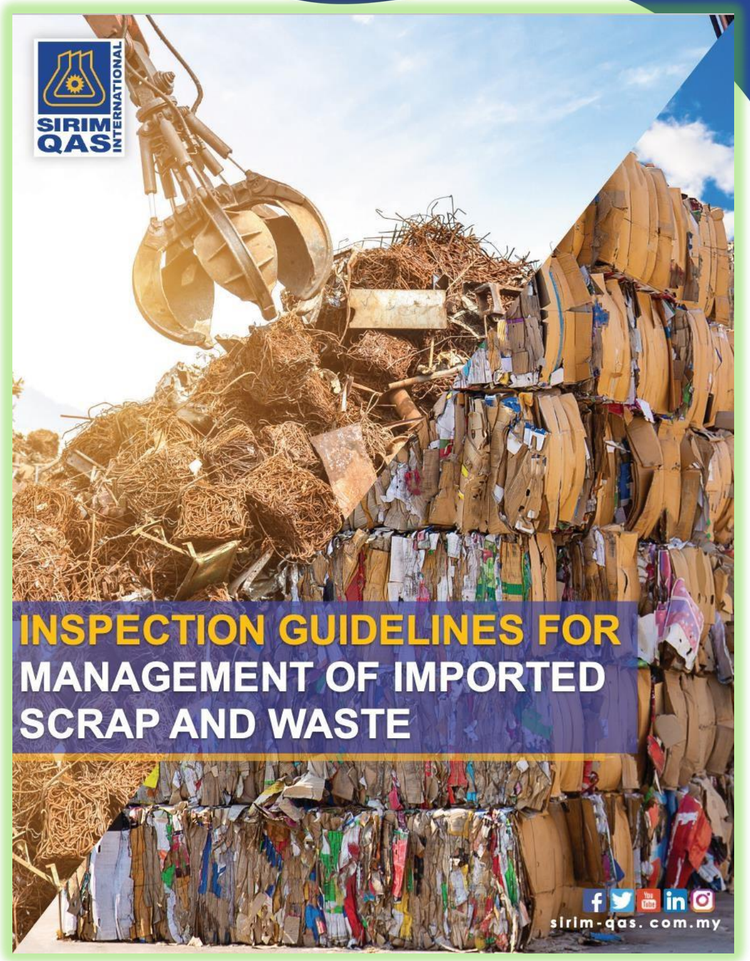
MISW SCHEME OBJECTIVES

1. Act as a pre-requisite or the COA application
2. To ensure compliance to local environmental regulations
3. Act as guidelines for importers
4. To calculate importation quota based on MISW requirements

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MISW ELIGIBILITY CRITERIA

1. Valid Manufacturing License (ML) or Letter of exemption from Manufacturing License (ICA 10)
2. In-house capability to process the target material(s)
3. Scope of the ML/ICA10 shall be relevant to the target material intended for import
4. Relevant Environmental Acts & Regulations compliance
5. Must have waste management capabilities for its recoverable materials



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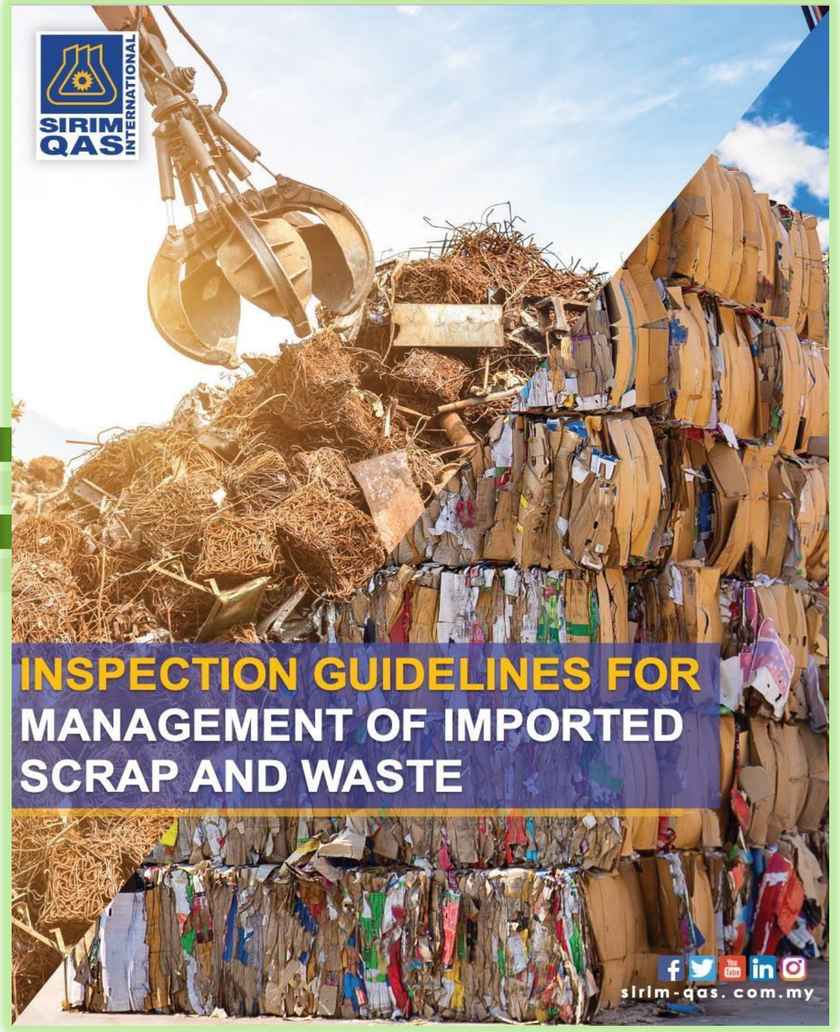
GUIDELINES MISW SCHEME SCOPE

Covers the use of imported waste into Malaysia for industrial use, ensuring it is managed in environmentally sound manner

Adherence to local and environmental regulations, proper waste treatment processes, and effective pollution control measures including managing residual waste

Manufacturer must demonstrate compliance through independent third-party audit

Imported waste volume does not exceed the maximum quota determined based on SIRIM's inspection report and the annual national quota



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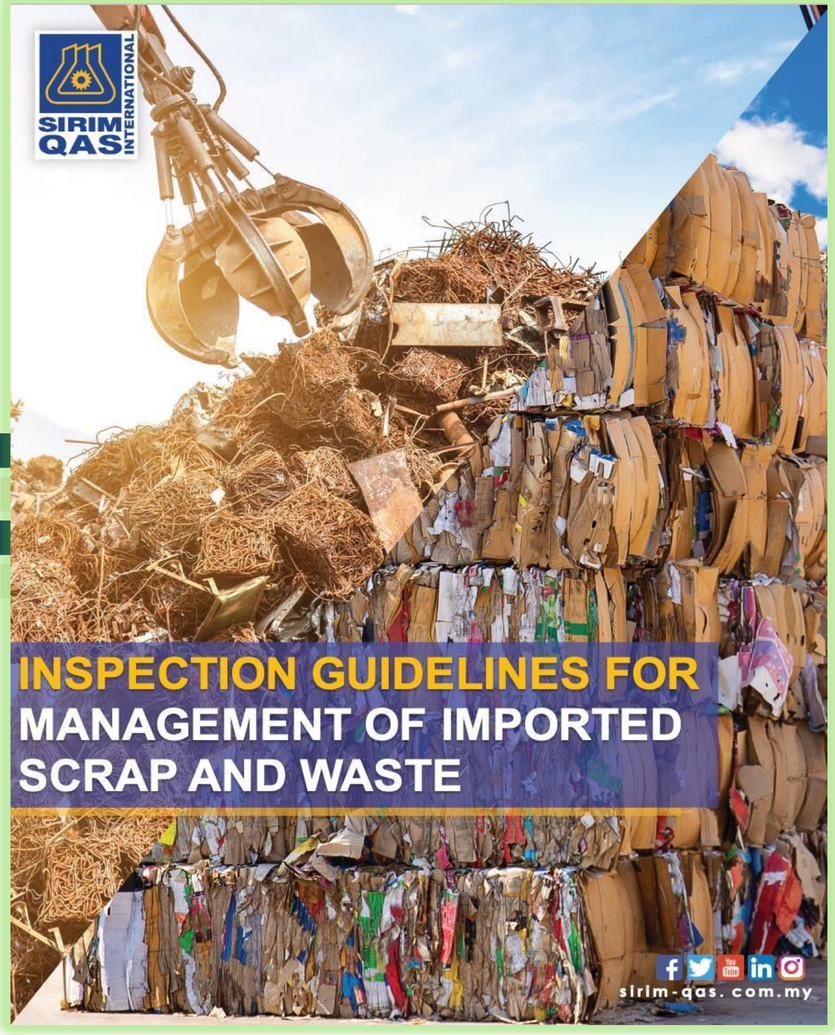
GUIDELINES MISW SCHEME
KEY REQUIREMENTS

General Requirements,
Eligibility criteria

By-products, Control
of outsource process

Industrial waste,
Quota calculation,

Nonconformity ,
Test equipment,
Records



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QUOTA DETERMINATION

Quota Calculation

1. **Under construction**
2. **A new phase completed**
3. **Machinery upgrade**
4. **Existing factory (<1 year)**

With approved EIA/Written Notification from DOE

Derived based on the approved:
Maximum production capacity
OR
Raw material consumption

Without approved EIA/Written Notification from DOE

The designed max. production capacity per day x No. of max. production days

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Estimated yield ratio

50% from maximum production capacity

Existing factories (>1 year)

110% from maximum annual production records within maximum five (5) previous years

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QUOTA DETERMINATION

Note 1

The percentage of imported industrial waste **shall not exceed** the maximum production capacity or contradict with other conditions outlined in the ML/EIA approval terms & conditions.

Note 2

Quota for importation may be subject to the **annual national quota**, whichever applies.

Note 3

Quota for importation per company may be subject to any amendments stipulated in the **current national policy**

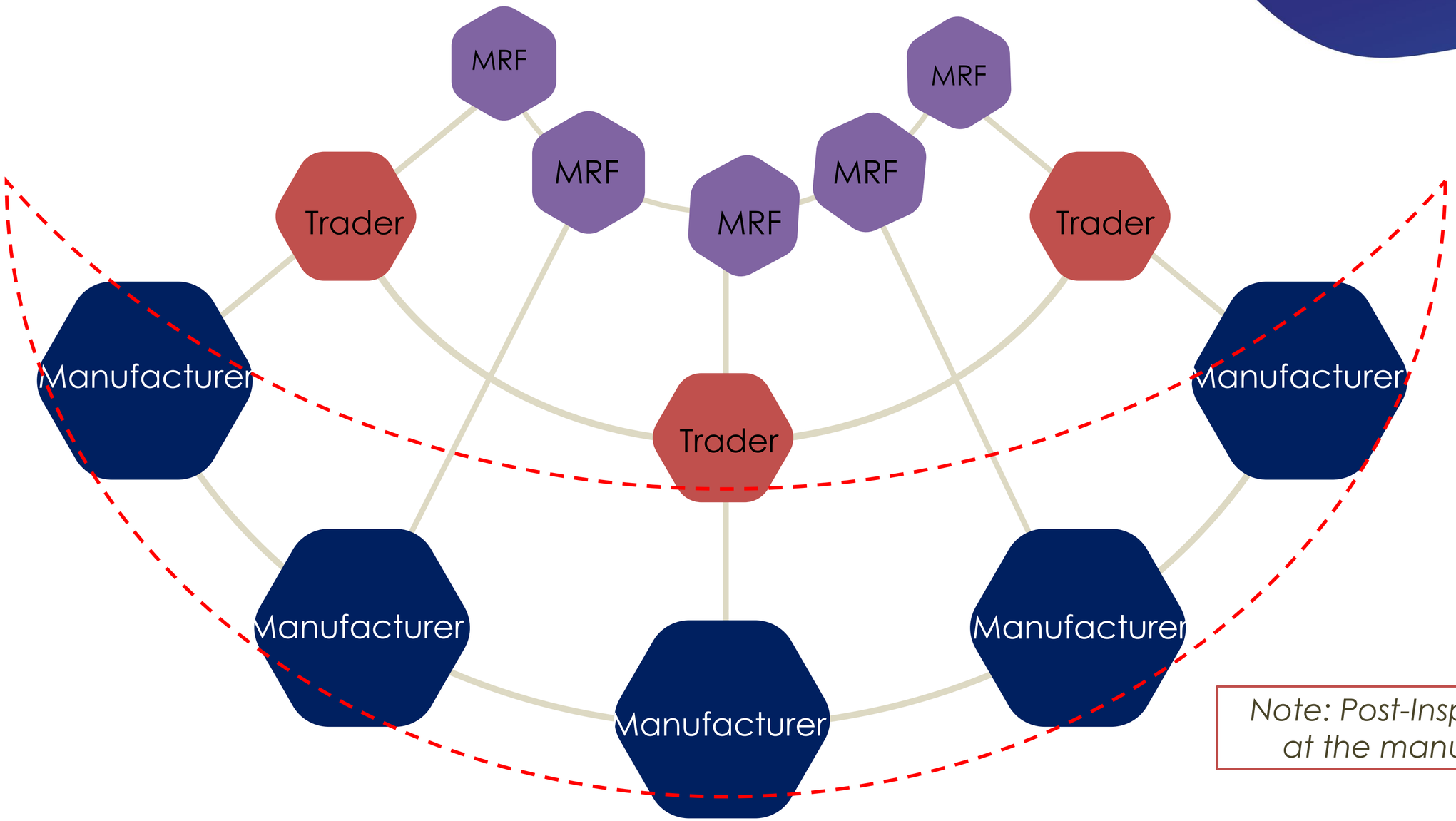
Note 4

Quota renewal shall be performed by SIRIM annually



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MISW INSPECTION METHODOLOGY



Note: Post-Inspection conducted at the manufacturer premise

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MISW SCHEDULE OF FEES ESTIMATION

Description	Cost (RM)
Application (once off)	2500
Issuance of license/Renewal (every 3 years)	1800
Inspection (1 day)	1000/site + incidental

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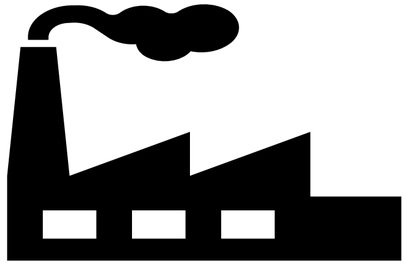
REQUIRED DOCUMENTS

	Manufacturers
Application Form	✓
Local authority license	✓
Manufacturing license/ICA 10	✓
Test equipment list	✓
Manufacturing Process	✓
Approval from DOE	✓
HS Code Classification letter	✓

Applications email to:
scrap@sirim.my

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WHO CAN BE THE APPLICANT?



Local manufacturer:

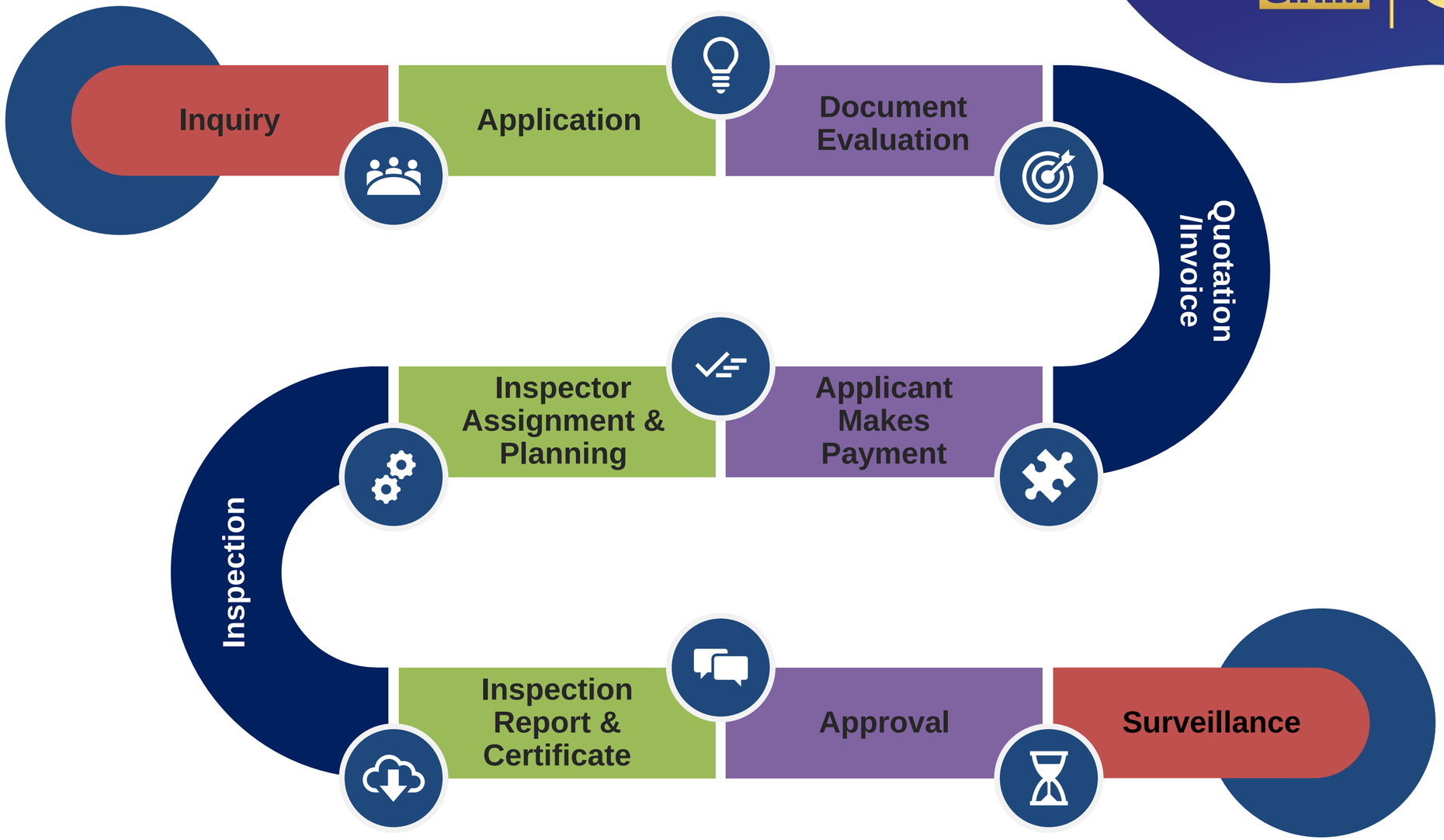
- ✓ *Valid business license*
- ✓ *Valid & relevant ML/ICA10*

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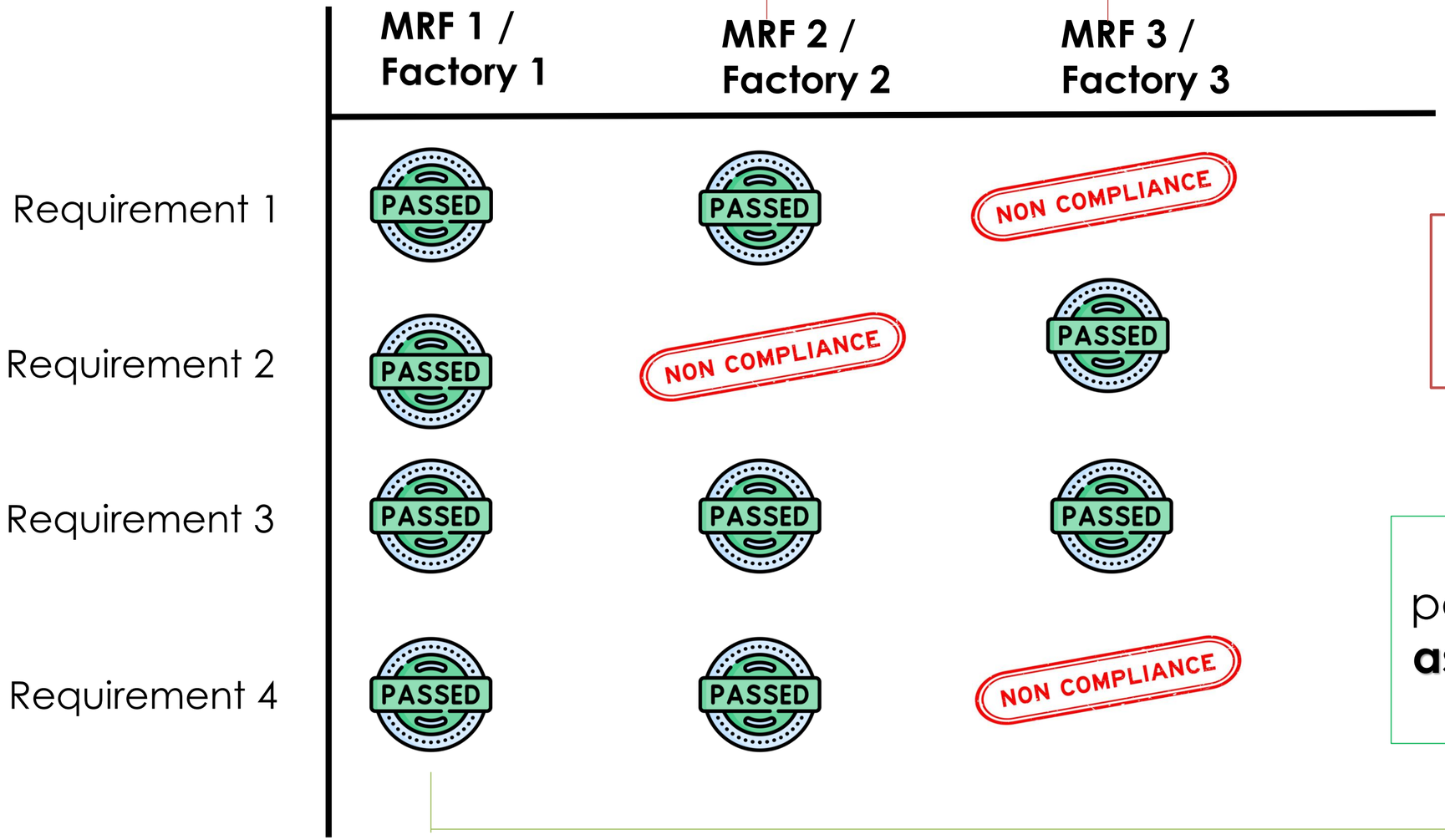
03 FREQUENTLY ASKED QUESTIONS (FAQ)

FAQ 1: APPROVAL PROCESS FLOW



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FAQ 2: INSPECTION FAILED ANY REQUIREMENT(S)?



Non-conformance Report/Observation shall be raised.

The inspection is passed, **recommended as SIRIM approved MRF / approved MISW**

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FAQ 3: CERTIFICATE VALIDITY?

1. Initial inspection **(onsite)**
Eg: 2025

2. 1st surveillance Inspection **(remote)**
Eg: 2026

3. 2nd surveillance Inspection **(remote)**
Eg: 2027

4. Renewal certificate **(onsite)**
Eg: 2028



1 cycle = 3 years
Yearly surveillance

MRF

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FAQ 3: CERTIFICATE VALIDITY?

1. Initial inspection
Eg: 2025

2. 1st surveillance Inspection
Eg: 2026

3. 2nd surveillance Inspection
Eg: 2027

4. Renewal certificate
Eg: 2028



1 cycle = 3 years
Yearly surveillance

MISW

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FAQ 4: WHAT DO APPLICANTS **OBTAIN** UPON APPROVAL?

Inspection Report & Certificate

MRF & MISW

Eligibility to conduct **self pre-shipment** inspection on their own upon full compliance

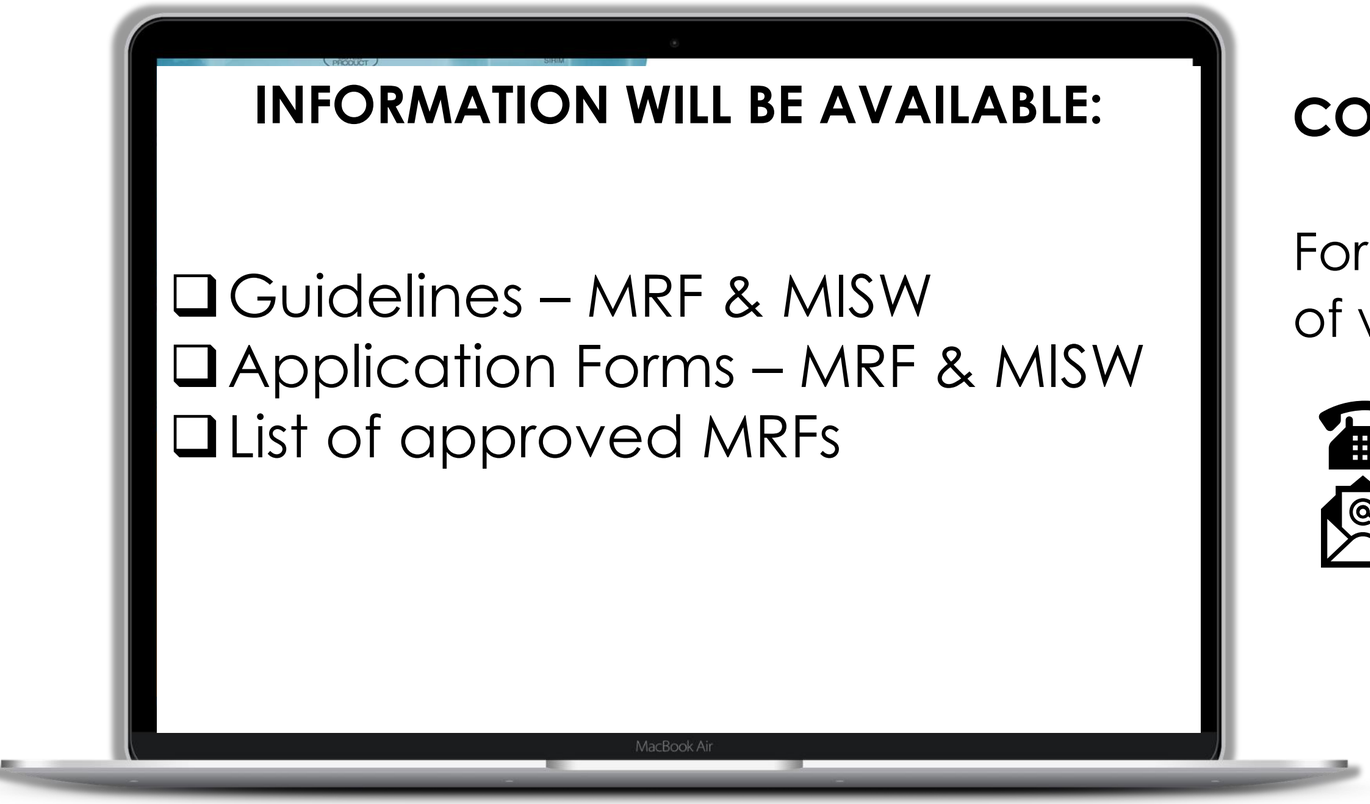
MRF

Eligibility to **apply COA** and import target materials from foreign countries

MISW

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FAQ 5: WEBSITE FOR REFERENCES



CONTACT INFO:

For any inquiries on importation and inspection of waste plastic, please contact at:

☎ 03-5544 6000
scrap@sirim.my

Link: SIRIM QAS > Business Sector & Services > Services > Inspection > Importation of Waste Plastic (Coming soon)

Note: Further updates will be shared in SIRIM website from time to time.

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THANK YOU

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