

Schedule


Issue date: 30 July 2025
Valid Until: -



NO: MIBAS 026

(Issue 3, 30 July 2025 replacement
of MIBAS 026 dated 20 April 2022)

Page: 1 of 4

INSPECTION BODY/ CENTRAL OFFICE: 	LJ Inspection & Services Sdn. Bhd. Lot 9434 Kawasan Perindustrian Teluk Kalung 24007 Kemaman Terengganu. , 24007, TERENGGANU MALAYSIA
ACCREDITED SINCE :	30 JULY 2025
TYPE OF INSPECTION :	
FIELD(S) OF INSPECTION :	

An inspection body's fulfilment of the requirements of ISO/IEC 17020:2012 means the inspection body meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid inspection results. The **management system requirements** in ISO/IEC 17020:2012 (Section 8) are written in language relevant to inspection body operations and are aligned with the pertinent requirements of ISO 9001. (Joint IAF-ILAC-ISO Communiqué dated September 2013).

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NO: MIBAS 026(Issue 3, 30 July 2025 replacement
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Page: 2 of 4

CENTRAL LOCATION:	LJ Inspection & Services Sdn. Bhd. Lot 9434 Kawasan Perindustrian Teluk Kalung 24007 Kemaman Terengganu. , 24007, Terengganu
FIELD(S) OF INSPECTION :	
TYPE OF INSPECTION :	

SCOPE OF INSPECTION :

Central CAB		
CAB Name : <u>LJ Inspection & Services Sdn. Bhd.</u>		
Inspection		
Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
A - NON-DESTRUCTIVE TESTING (NDT) SERVICES - TYPE A		
Welds, casting, forging & rolled ferrous & non-ferrous materials inspection on metallic weldments and based metals for engineering structures and equipment installation (Piping, pressure vessels, vessels and tanks etc)	1. Magnetic Particle Testing/ Inspection (MPT/ MPI) - In-service inspection - Inspection of New Product	OPR-850-001- WI01 Rev. 0 16th January 2022 based on; 1. ASME 2021: Section V, Article 7 -Magnetic Particle Examination. 2. ASTM E 709 : Standard Guide for Magnetic Particle Testing. 3. ASME 2021: Section VIII, Division 1 -Rules for Construction of Pressure Vessels. 4. ASME 2021 : Section VIII, Division 2 (Alternative Rules) - Rules for Construction of Pressure Vessels 5. ASME 2021: Section 1 -Rules for Construction of Power Boiler. 6. ASME B31.1 : 2020 -Power Piping 7. ASME B31.3 : 2020 -Process Piping
Welds, casting, forging & rolled ferrous & non-ferrous materials inspection on metallic weldments and based metals for engineering structures and equipment installation (Piping, pressure vessels, vessels	1. Magnetic Particle Testing/ Inspection (MPT/ MPI) - In-service inspection - Inspection of New Product (continue)	8. ASME B31.8 : 2020 -Gas Transmission and Distribution Piping Systems GS EP STR 301 : Fabrication of Offshore Steel Structure 9. AWS D1.1 : 2020 Structural Welding Code

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(Issue 3, 30 July 2025 replacement
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Page: 3 of 4

Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
and tanks etc)		10. SNT-TC-1A 2020 Edition - Recommended Practice
Welds, casting, forging & rolled ferrous & non-ferrous materials inspection on metallic weldments and based metals for engineering structures and equipment installation (Piping, pressure vessels, vessels and tanks etc)	2. Liquid Penetrant Testing/ Inspection (PT) - In-service inspection - Inspection of New Product	OPR-850-001- WI02 Rev. 0 16th January 2022 based on; 1. ASME 2021 Section V, Article 6 -Liquid Penetrant Examination. 2. ASTM E 165 -Standard Practice for Liquid Penetrant Examination General Industry. 3. ASME 2021 Section VIII, Division 1 -Rules for Construction of Pressure Vessels 4. ASME 2021 Section VIII, Division 2 (Alternative Rules) - Rules for Construction of Pressure Vessels 5. ASME 2021 Section 1 -Rules for Construction of Power Boiler. 6. ASME B31.1 : 2020 -Power Piping 7. ASME B31.3 : 2020 -Process Piping 8. AWS DI.1 Structural Welding Code steel Edition 2020 9. AWS DI.6 Structural Welding Code Stainless Steel, Edition 2017 10. GS EP STR 301 Fabrication of Offshore Steel Structure 11. SNT-TC-1A 2020 Edition - Recommended Practice
Welds, casting, forging & rolled ferrous & non-ferrous materials inspection on metallic weldments and based metals for engineering structures and equipment installation (Piping, pressure vessels, vessels and tanks etc)	3. Radiography Testing/ Inspection (RT) - In-service inspection - Inspection of New Product	OPR-850-001- WI04 Rev. 0 16th January 2022 based on; 1. ASME 2021 Section V, Article 2 -Radiographic Examination 2. ASTM E 94 -Standard Guide for Radiographic Testing 3. ASME 2021 Section VIII, Division 1 -Rules for Construction of Pressure Vessels 4. ASME 2021 Section VIII, Division 2 (Alternative Rules) - Rules for Construction of Pressure Vessels 5. ASME 2021 Section 1 -Rules for Construction of Power Boiler 6. ASME B31.1 : 2020 -Power Piping 7. ASME B31.3 : 2020 -Process

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Page: 4 of 4

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		Piping 8. ASME B31.8 : 2020 -Gas Transmission and Distribution Piping Systems 9. DNV-OS-F101 : Offshore standard sub-marine pipe line system 10. ASTM E747:Standard Practice for Design, Manufacture and Material 11. Grouping Classification of Wire Image Qualify Indicators (IQI) Used for Radiology 12. AWS D1.1/ D1.IM : 2020 Structural Welding Code 13. SNT-TC-IA 2020 Edition - Recommended Practice

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