

Schedule

Issue date: 10 May 2024
Valid Until: 10 May 2029



NO: MIBAS 034

(Issue 1, 10 May 2024 replacement
of MIBAS 034 dated 10 May 2024)

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INSPECTION BODY/ CENTRAL OFFICE: 	OPERATIONS DIVISION SEA ADVANCE (M) SDN BHD K18193, TINGKAT 2, KAMPUNG JAYA JALAN AIR , 24000, TERENGGANU MALAYSIA
ACCREDITED SINCE :	10 MAY 2024
TYPE OF INSPECTION :	A
FIELD(S) OF INSPECTION :	NON-DESTRUCTIVE TESTING (NDT) SERVICES - TYPE A ENGINEERING INSPECTION - TYPE A

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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CENTRAL LOCATION:	OPERATIONS DIVISION SEA ADVANCE (M) SDN BHD K18193, TINGKAT 2, KAMPUNG JAYA JALAN AIR , 24000, Terengganu
FIELD(S) OF INSPECTION :	NON-DESTRUCTIVE TESTING (NDT) SERVICES - TYPE A
TYPE OF INSPECTION :	A

SCOPE OF INSPECTION :

Central CAB		
CAB Name : <u>OPERATIONS DIVISION SEA ADVANCE (M) 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		
Weldment Product	Magnetic Particle Testing Yoke Technique	TEC-710-001- WIN02 DNV 2.7.1 ISO 17637 DNVGL-ST-E271 ASTM E 1444 ASM E9 AWS D1.1 BS EN ISO17638 BS EN ISO 23278 BS EN ISO 10893-4 BS EN ISO 5817 BV RULE NR 467
Weldment Product	Dye Penetrant Inspection (DPI) / Liquid Penetrant Testing (PT) Visible Dye/Liquid Penetrant	TEC-710-001- WIN01 DNV 2.7.1 BS EN ISO 17637 DNVGL-ST-E271 ASM E 9 AWS D1.1 BS EN ISO 10893-4 BS EN ISO 12706 BS EN ISO 23277 BS EN ISO 5817 ISO 10042 BV RULE NR 467 ASM E 1417 ASTM E 165

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Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
		ISO 3452-1
Weldment Product	Ultrasonic Testing Ultrasonic Testing Flaw Detection	TEC-710-001- WIN03 ASM E 9 BS EN ISO 17637 DNVGL-ST-E271 AWS D1.1 BS EN ISO 5817 ISO 10042 BV RULE NR 467 ASM E 164 IACS REC NO.20 ISO 17640 ISO 23279 ISO 11666
A - ENGINEERING INSPECTION - TYPE A		
Powered lifting equipment: 1.Jaw Winch/Trifor	Visual Inspection Function Test	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 5744
Powered lifting equipment: 2.Winches	Visual Inspection Function Test Load Testing (SWL: 1 – 10 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook ASME B30.7
Powered lifting equipment: 3.Slewing Jib Crane	Visual Inspection Function Test Load Testing (SWL: 1 – 3 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 5744 BS 7333
Powered lifting equipment: 4.Mobile Gantry	Visual Inspection Function Test Load Testing (SWL: 1 – 3 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 2853 BS 466 ISO 12480-1
Powered lifting equipment: 5.Overhead Crane	Visual Inspection Load Testing (SWL: 1 – 5 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 2853

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Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
		BS 466 ISO 12480-1
Manual Lifting Equipment: 1.Chain Block	Visual Inspection Function Test Load Testing (SWL: 0.5 – 30 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 3243
Manual Lifting Equipment: 2.Lever Block	Visual Inspection Function Test Load Testing (SWL: 0.5 – 30 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 4898
Manual Lifting Equipment: 3.Beam Clamp	Visual Inspection Function Test Load Testing (SWL: 0.5 – 10 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 5744 ASME B 30.20
Manual Lifting Equipment: 4.Traveling Girder Trolley	Visual Inspection Function Test Load Testing (SWL: 0.5 – 10 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 5744
Manual Lifting Equipment: 5.Chain Sling	Visual Inspection Load Testing (SWL: 1 – 10 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS EN 818-4 BS 6304
Manual Lifting Equipment: 6.Wire Rope Sling	Visual Inspection Load Testing (SWL: 1 – 50 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 13414-2
Manual Lifting Equipment: 7.Webbing sling	Visual Inspection	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 1492-1 AND 2
Manual Lifting Equipment: 8.Shackle	Visual Inspection Load Testing (SWL: 1 – 100 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook EN 13889

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Manual Lifting Equipment: 9.Eyebolts	Visual Inspection Load Testing (SWL: 0.2 – 2 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook ASME B30.20
Manual Lifting Equipment: 10.Lifting Beam	Visual Inspection Testing Load Testing (SWL: 1 – 100 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook EN 13155 ASME B30.20
Manual Lifting Equipment: 11.Plate Handling Clamp	Visual Inspection Testing Load Testing (SWL: 0.5 – 1 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook ASME B30.20
Manual Lifting Equipment: 12.Rigging Screws And Turnbuckle	Visual Inspection Testing Load Testing (SWL: 0.5 – 3 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 4429
Manual Lifting Equipment: 13.Barrel Lifter	Visual Inspection Testing Load Testing (SWL: 0.5 – 1.5 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook EN 13155
Manual Lifting Equipment: 14.Crane & Crane Forks	Visual Inspection Testing Load Testing (SWL: 1 – 30 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook ASME B30.20
Accessories equipment 1.Runway	Visual Inspection Function Test Load Testing (SWL: 1 – 5tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS 2853 BS 449
Accessories equipment 2.Cargo Carrying Unit	Visual Inspection Load Testing (SWL: 1 – 25 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook BS EN 12079-3 DNV 2.7-1 ISO 10855

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Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
Accessories equipment 3. Personal Fall Protection Systems	Visual Inspection Load Testing (SWL: 0.1 – 0.5 tonnes)	TEC-710-001-WIN04 LEEA – The lifting equipment examiners handbook Part 1910.140—Occupational Safety And Health Standards

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