

Schedule

Issue date: 05 June 2025
Valid Until: -



NO: MIBAS 033

(Issue 1, 05 June 2025 replacement
of MIBAS 033 dated 14 October 2025)

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INSPECTION BODY/ CENTRAL OFFICE: 	Watermarks Certification (M) Sdn. Bhd. Lot No. 1, Tingkat 6, Wisma PKPS, Persiaran Perbandaran, Seksyen 14, 40675 Shah Alam, Selangor , 40675, SELANGOR MALAYSIA
ACCREDITED SINCE :	05 JUNE 2025
TYPE OF INSPECTION :	A
FIELD(S) OF INSPECTION :	ELECTROCHLORINATION - TYPE A WELDING INSPECTION - TYPE A ENGINEERING INSPECTION - TYPE A MANUFACTURED GOODS/PRODUCTS - 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:	Watermarks Certification (M) Sdn. Bhd. Lot No. 1, Tingkat 6, Wisma PKPS, Persiaran Perbandaran, Seksyen 14, 40675 Shah Alam, Selangor , 40675, Selangor
FIELD(S) OF INSPECTION :	ELECTROCHLORINATION - TYPE A
TYPE OF INSPECTION :	A

SCOPE OF INSPECTION :

Central CAB		
CAB Name : <u>Watermarks Certification (M) Sdn. Bhd.</u>		
Inspection		
Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
A - ENGINEERING INSPECTION - TYPE A		
Source Inspection Water and Sewerage products, Sanitaryware, Building Materials, Pressure Equipment and Steel Structures - Sanitaryware - Sanitary tap wares - Ceramic tiles - Concrete products - Pipes - Fittings - Pumps - Iron and steel products Sanitaryware -WC Pan - Cistern - Basin - Urina	Source inspection consisting of the following: Inspection of: Visual inspection D Dimensional inspection	WI-IS-02: Work Instruction for Source Inspection
Source Inspection Water and Sewerage products, Sanitaryware, Building Materials, Pressure Equipment and Steel Structures - Sanitaryware - Sanitary tap wares	Witnessing functional / performance verification a) newspaper test b) simulating solid test c) sawdust test d) ball test e) toilet paper test (half flush)	MS 1522: 2021 Clause 4.8.1.1 MS 1522: 2021 Clause 4.8.1.2 MS 1522: 2021 Clause 4.8.1.3 MS 1522: 2021 Clause 4.8.1.4 MS 1522: 2021 Clause 4.8.2.1 MS 1522: 2021 Clause 4.8.2.2 MS 1522 2021 Clause 4.9

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Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
- Ceramic tiles - Concrete products - Pipes - Fittings - Pumps - Iron and steel products Sanitaryware -WC Pan - Cistern - Basin - Urina	f) liquid containment pH value test (half flush) g) loading test h) additional requirements for one piece WC pan i) warpage j) volume of discharge k) rate of discharge for independent cistern l) backflow prevention m) colour fastness to light (exposed cistern) n) distortion resistance o) front thrust test (exposed cistern) p) impact test (exposed cistern) q) physical endurance (inlet device) r) physical endurance (flushing device)	MS 1522: 2021 Clause 4.10.1, 4.10.2, 4.10.3 & 4.10.4 MS 147: 2021 Clause 10 MS 795-1: 2019 Clause 5.5.1 MS 795-1: 2019 Clause 5.5.2 MS 795-1: 2019 Clause 5.7 MS 795-1: 2019 Clause 4.2.2.2 MS 795-1: 2019 Clause 4.2.2.5 MS 795-1: 2019 Clause 4.2.2.6 MS 795-1: 2019 Clause 4.2.2.7 MS 795-1: 2019 Clause 5.1 MS 795-1: 2019 Clause 5.5
Source Inspection Sanitary tapware	Witnessing performance verification a) Water efficiency b) Nominal Flowrate c) Leak tightness characteristics d) Pressure resistance characteristics e) Mechanical Strength Characteristics f) Mechanical Endurance Characteristics	SPAN TS 3004: 2021 Clause 8.1 Clause 8.2 Clause 8.3 Clause 8.4 Clause 8.5 Clause 8.6
Source Inspection Ceramic tiles	Witnessing performance verification a) Water absorption b) Modulus of rupture c) Deep abrasion (unglazed) d) surface abrasion (glazed) e) Craze resistance f) Chemical resistance g) Stain resistance	ISO 10545-3:2018 ISO 10545-4:2019 ISO 10545-6:2010 ISO 10545-7:1996 ISO 10545-11:1994 ISO 10545-13:2016 ISO 10545-14:2015
Source Inspection Plastic pipes (Polyethylene)	Witnessing performance verification a) Mechanical Characteristics b) Physical Characteristics	MS 1058: Part 2:2023 Cl. 7 MS 1058: Part 2:2023 Cl. 8 ISO 11414: 2009

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Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
Source Inspection Plastic fittings (Polyethylene)	Witnessing Performance verification a) Butt Fusion Joint b) Electrofusion Joint c)Hydrostatic Strength	ISO 11413: 2019 BS EN 921 :1995 ISO 1167-1:2006 ISO 1167-3:2007
Source Inspection Hydraulic Pumps	Witnessing Hydraulic Performance verification	ISO 9906: 2012
Source Inspection Valves	Witnessing Hydraulic Performance verification Visual Inspection Dimensional Inspection	BS EN 12266-1: 2012 BS EN 12266-2: 2012
Source Inspection Flanges	Visual Inspection Dimensional Inspection	BS EN 1092-1: 2018 BS EN 1092-2:2023
A - MANUFACTURED GOODS/PRODUCTS - TYPE A		
Water and Sewerage products, Building Materials, Iron and Steel products, Electrical products. Flanges	Pre-shipment	WI-IS-01: Work Instruction for Pre-Delivery and Final Inspection

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