


NO: SAMM 786(Issue 1, 04 October 2022 replacement
of SAMM 786 dated 04 October 2022)

Page: 1 of 8

LABORATORY LOCATION/ CENTRAL OFFICE:	Standardmark Laboratory Sdn. Bhd. Level 1, No. 20, Perindustrian BS 9, Jalan BS 9/10, Taman Bukit Serdang, 43300 Seri Kembangan, Selangor , 43300, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	07 APRIL 2025
FIELD(S) OF TESTING:	MICROBIOLOGICAL CHEMICAL
SITE:	
1 . SITE LABORATORY(HQ) :	CATEGORY II (11A, Jalan Lada Hitam 16/12, Seksyen 16), 11A, Jalan Lada Hitam 16/12, Seksyen 16,, MALAYSIA
FIELD(S) OF TESTING :	ELECTRICAL,MECHANICAL
2 . SITE LABORATORY(HQ) :	CATEGORY II (Lot 2, Jalan Lada Hitam 16/12A, Seksyen 16), Lot 2, Jalan Lada Hitam 16/12A, Seksyen 16 , MALAYSIA
FIELD(S) OF TESTING :	MECHANICAL
3 . SITE LABORATORY(HQ) :	CATEGORY II (Skudai, Johor), No. 16, Jalan Belati 1, Off Jalan Kempas Lama, Taman Perindustrian Maju Jaya,, MALAYSIA
FIELD(S) OF TESTING :	ELECTRICAL,MECHANICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Standardmark Laboratory Sdn. Bhd. Level 1, No. 20, Perindustrian BS 9, Jalan BS 9/10, Taman Bukit Serdang, 43300 Seri Kembangan, Selangor , 43300, Selangor
FIELD(S) OF TESTING :	MICROBIOLOGICAL, CHEMICAL

SCOPE OF TESTING : MICROBIOLOGICAL

NO: SAMM 786(Issue 1, 04 October 2022 replacement
of SAMM 786 dated 04 October 2022)

Page: 2 of 8

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Extract Of Products For Use In Contact With Drinking Water Including Main Water Service, Bore Water, Rain Water, Filtered Water (i.e. Distilled, Reverse Osmosis And Deionized Water) Extractant Water - Drinking Water Including Main Water Service, Bore Water, Rain Water, Filtered Water (i.e. Distilled, Reverse Osmosis And Deionized Water)	Taste	AS/NZS 4020:2018, Appendix C
	Odour and flavor	BS 6920-2.2.1:2000 + A3:2014
	Odour and flavor	BS 6920-2.2.2:2000 + A1:2014
	Odour and flavor	BS 6920-2.2.3 + A2:2014
	Odour and flavor	MS 1583:2003, Part 2, Section 2
	Odour and flavor	SS 375:Part 2.2:2015
	Growth of aquatic microorganism	AS/NZS 4020:2018, Appendix E
	Growth of aquatic microorganism	BS 6920-2.4:2000 + A1:2014
	Growth of aquatic microorganism	MS 1583:2003, Part 2, Section 4
	Growth of aquatic microorganism	SS 375:Part 2.4:2015
	Cytotoxic activity	AS/NZS 4020:2018, Appendix F
	Cytotoxic activity	BS 6920-2.5:2000 + A2:2014
	Cytotoxic activity	MS 1583: 2003, Part 2, Section 5
	Cytotoxic activity	SS 375:Part 2.5:2015
	Mutagenicity activity	AS/NZS 4020:2018, Appendix G

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Products For Use In Contact With Drinking Water	Appearance of Water Extract with respect to Colour and Turbidity	AS/NZS 4020:2018, Appendix D & J
Suitability Of Non-metallic Products For Use In Contact With Water Intended For Human Consumption With Regard To Their Effect On The Quality Of The Water.	Appearance of Water Extract with respect to Colour and Turbidity	MS 1583:2003, Part 2, Section 3 MS 1583:2003, Part 3
	Appearance of Water Extract with respect to Colour and Turbidity	BS 6920-2.3:2000+A1:2014 BS 69200-3:2000
	Appearance of Water Extract with respect to Colour and Turbidity	SS 375:Part 2.3:2015 SS 375:Part 3:2001 (2015)
Drinking Water Including Main Water Service, Bore Water, Rain Water, Filtered Water (distilled, Reverse Osmosis And Deionized Water)	Colour	ISO 7887:2011, Method C, Option 1 APHA 2120 C
	Turbidity	ISO 7027-1:2016 APHA 2130 B
	Water Grading - Grade 2 & 3	BS EN ISO 3696:1995, Clause 7.1 - 7.5
	pH	APHA 4500-H B
	Conductivity	APHA 2510 B

NO: SAMM 786(Issue 1, 04 October 2022 replacement
of SAMM 786 dated 04 October 2022)

Page: 3 of 8

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Materials And Articles In Contact With Foodstuffs (plastics)	Overall migration into aqueous food simulants by total immersion Ultrapure water Acetic acid 3% Ethanol 10% Ethanol 20% Ethanol 33% Ethanol 95%	BS EN 1186-3:2002 (Method A) EU 10/2011 and its amendment (2016/1416, 2017/752, 2018/831, 2020/1245)
	Overall migration into aqueous food simulants by pouch Ultrapure water Acetic acid 3% Ethanol 10% Ethanol 20% Ethanol 33% Ethanol 95%	BS EN 1186-7:2002(Method A) EU 10/2011 and its amendment (2016/1416, 2017/752, 2018/831, 2020/1245)
	Overall migration into aqueous food simulants by filling Ultrapure water Acetic acid 3% Ethanol 10% Ethanol 20% Ethanol 33% Ethanol 95%	BS EN 1186-9:2002 (Method A) EU 10/2011 and its amendment (2016/1416, 2017/752, 2018/831, 2020/1245)
	'Substitute test' for overall migration from plastic intended come into contact with fatty foodstuffs using test media iso-octane by immersion, pouch and filling	BS EN 1186-14:2002(Method A) EU 10/2011 and its amendment (2016/1416, 2017/752, 2018/831, 2020/1245)
	'Substitute test' for overall migration from plastic intended come into contact with fatty foodstuffs using test media iso-octane by immersion, pouch and filling	BS EN 1186-14:2002(Method A) EU 10/2011 and its amendment (2016/1416, 2017/752, 2018/831, 2020/1245)
Vitreous China Used In Sanitary Appliances	Chemical Resistance	AS 1976-1992, Appendix C
Drinking Water Treatment Appliances	Chlorine reduction	AS/NZS 4348:1995, Appendix D, D6.1-Test 1 NSF/ANSI 42-2015, Clause 7.3.3
Metal And Alloys - Washer & Wire On Bolt	Corrosion test expressed as mass loss	ISO 7441:2015

Schedule

Issue date: 04 October 2022
Valid Until: 12 October 2025



NO: SAMM 786

(Issue 1, 04 October 2022 replacement
of SAMM 786 dated 04 October 2022)

Page: 4 of 8

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Metals And Coating Products	Corrosion test (salt spray)	ASTM B117-19 ISO 9227:2017 IEC 60068-11, 2021 MIL-STU-883G. Method 1009.8 AS2331.3.1-2001 (R2017) AS2331.3.2-2001 (R2017) AS2331.3.3-2001 (R2017) BS 3900-F4:1968
Unplasticized Pvc Fitting For Cold Water Service	Resistance to sulphuric acid	SS 174:2014
Unplasticized Pvc Pipe For Cold Water Service	Resistance to Acetone	SS 141 :2013
	Resistance to sulphuric acid	SS 141 :2013

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3004270> for the current scope of accreditation

NO: SAMM 786(Issue 1, 04 October 2022 replacement
of SAMM 786 dated 04 October 2022)

Page: 5 of 8

SITE LOCATION (HQ)	1. CATEGORY II (11A, Jalan Lada Hitam 16/12, Seksyen 16), 11A, Jalan Lada Hitam 16/12, Seksyen 16,, MALAYSIA
FIELD(S) OF TESTING :	ELECTRICAL,MECHANICAL

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Pumps Fixed Fire Fighting, System-fire, Pumps & Centrifugal Pumps	Rotodynamic pumps-hydraulic performance acceptance test Grade 1, 2 & 3 Range:	ISO 9906:2012 ANSI/HI 11.6:2017 ANSI/HI 14.6:2016
	Flow: Up to 950 m ³ /h Positive Pressure: Up to 16 bars	MS 2616:2015, Clause 11.3.2.2 & Clause 11.3.3
	Hydrostatic pressure Pressure: Up to 25 bars	BS EN 12162:2001+A1:2009, Clause 7.2 & Clause 10 EN 12162:2001+A1:2009, Clause 7.2 & Clause 10

SCOPE OF TESTING : ELECTRICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Induction Motors	Type test: Voltage and Current Range: Voltage: 0V – 415 V, 3 phase, 50Hz Current: 0V – 600A, 3 phase Power: up to 315kW	IEC 60034-1:2017, Clause 5.5.3

Schedule

Issue date: 04 October 2022
Valid Until: 12 October 2025



NO: SAMM 786

(Issue 1, 04 October 2022 replacement of SAMM 786 dated 04 October 2022)

Page: 6 of 8

SITE LOCATION (HQ)	2. CATEGORY II (Lot 2, Jalan Lada Hitam 16/12A, Seksyen 16), Lot 2, Jalan Lada Hitam 16/12A, Seksyen 16, , MALAYSIA
FIELD(S) OF TESTING :	MECHANICAL

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Pumps Fixed Fire Fighting System-fire Pumps & Centrifugal Pumps	Rotodynamic pumps-hydraulic performance acceptance test Grade 1, 2 & 3 Range:	ISO 9906:2012 ANSI/HI 11.6:2017 ANSI/HI 14.6:2016
	Flow: Up to 700 m3/h Positive Pressure: Up to 16 bars	MS 2616:2015 Clause 11.3.2.2 Clause 11.3.3
	Hydrostatic pressure Pressure: Up to 25 bars	AS 2941:2013 Clause 10.3.2.2 Clause 10.3.3
Induction Motors	Type test: Voltage and Current Range: Voltage: 0V – 415 V, 3 phase, 50Hz Current: 0V – 128A, 3 phase Power: up to 75kW	BS EN 12162:2001+A1:2009, Clause 7.2 & Clause 10
		EN 12162:2001+A1:2009, Clause 7.2 & Clause 10
Induction Motors	Type test: Voltage and Current Range: Voltage: 0V – 415 V, 3 phase, 50Hz Current: 0V – 128A, 3 phase Power: up to 75kW	IEC 60034-1:2017, Clause 5.5.3

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3004270> for the current scope of accreditation

NO: SAMM 786(Issue 1, 04 October 2022 replacement
of SAMM 786 dated 04 October 2022)

Page: 7 of 8

SITE LOCATION (HQ)	3. CATEGORY II (Skudai, Johor), No. 16, Jalan Belati 1, Off Jalan Kempas Lama, Taman Perindustrian Maju Jaya,, MALAYSIA
FIELD(S) OF TESTING :	ELECTRICAL,MECHANICAL

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Pumps Fixed Fire Fighting System-fire Pumps & Centrifugal Pumps	Rotodynamic pumps-hydraulic performance acceptance test Grade 1,2 & 3 Range:	ISO 9906:2012 ANSI/HI 11.6:2017 ANSI/HI 14.6:2016
	Flow: Up to 500 m ³ /h Positive Pressure: Up to 16 bars	MS 2612:2015 Clause 11.3.2.2 Clause 11.3.3 AS 2941:2013 Clause 10.3.2.2 Clause 10.3.3 NFPA 25-2020, Clause 8.3
	Hydrostatic pressure	BS EN 12162:2001+A1:2009, Clause 7.2&10
	Pressure: Up to 25 bars	EN 12162:2001+A1:2009, Clause 7.2&10

SCOPE OF TESTING : ELECTRICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Induction Motors	Type test: Voltage and Current Range: Voltage: 0V-415 V, 3 phase, 50Hz Current: 0A-124A, 3 phase Power: up to 90 kW	IEC 60034-1:2017 Clause 5.5.3

Schedule

Issue date: 04 October 2022
Valid Until: 12 October 2025



NO: SAMM 786

(Issue 1, 04 October 2022 replacement
of SAMM 786 dated 04 October 2022)

Page: 8 of 8

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3004270> for the current scope of accreditation