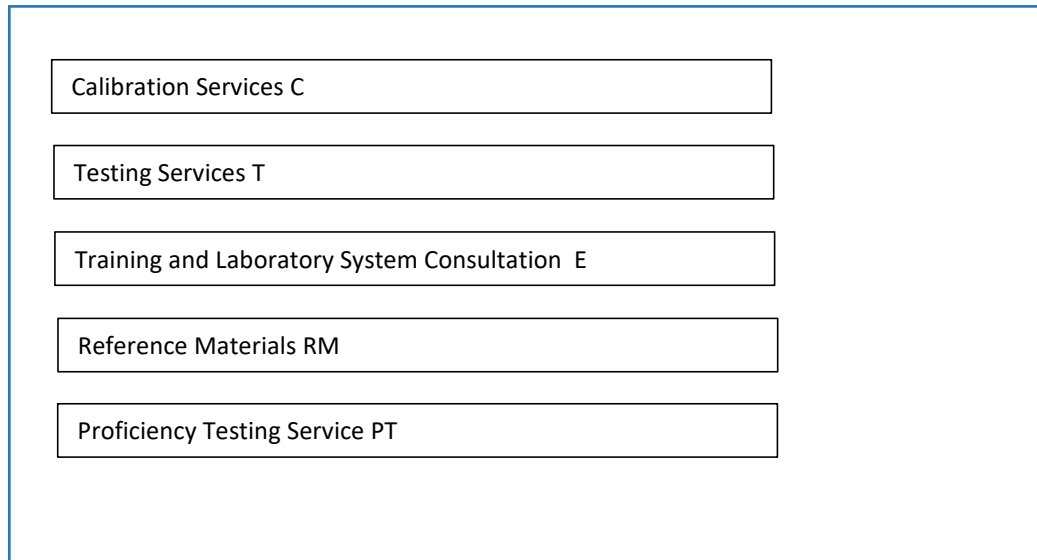






Key words


Calibration, testing, training, reference material, proficiency testing, ISO/IEC 17025, laboratory, accreditation, ISO/IEC 17043, PT program, ISO 17034, SAMM, MyPTP





Product code




CT	Calibration temperature	TM	Testing Mechanical
CM	Calibration Mass	TE	Testing Environment
CD	Calibration Dimension	TF	Testing Flow
CF	Calibration Flow	TT	Testing Thermal
RM	Reference Material	PT	Proficiency Testing
L	Laboratory Management System training		
E	Measuring Instrument Calibration Training		
QT	Quality Tool Training		

Product Code	Picture	Calibration Service Description,	Accreditation status	Basket
CT01		Heat Enclosure calibration adopting TLAS G20 include oven, furnace, freezer, bath	yes	
CT02		Climatic chamber , heat enclosure with humidity	no	
CT03		Calibration of liquid in glass thermometer	no	
CT04		Calibration of thermometer includes Pt100 and thermocouple	no	

Product Code	Picture	Calibration Service Description	Accreditation status	Busket
CM01		Analytical balance calibration	yes	

Product Code	Picture	Calibration Service Description	Accreditation status	Busket
CD01		Calibration of calliper	yes	
CD02		Calibration of Micrometer	yes	
CD03		Calibration of Dial Gauge	no	

Product Code	Picture	Calibration Service Description	Accreditation status	Busket
CF01		Liquid Flow Meter (Rate) 0 ~ 0.5m /min 0.8% F.S. By Gravimetric Method reference to ISO 4064-2-2014, clause 7.4	yes	
CF02		Liquid Container (Volume) 10 ~ 200 Litre 1.4% F.S. Reference to Euramet CG 19 Version 3.0 (09/2018)	yes	

Product Code	Picture	Testing Service Description	Accreditation status	Busket
TM01		Soil liquid limit, both fall cone penetrator and casagrande methods with reference to BS 1377-2 : 2022 clause 5.2 and BS EN ISO 17892-12-2018 Clause 5.3	yes	
TM02		Soil plastic limit with reference to BS 1377-2 : 2022 clause 6.1 and BS EN ISO 17892-12-2018 Clause 5.5	yes	
TM03		Soil water / moisture content. Test instruction reference to BS 1377-2 : 2022 clause 4.1 and BS 1377-1 : 2016 clause 8.3.3 and ISO 17892-1-2014	yes	
TM04		Compressive Strength of Cubes Size : 150 x 150 x 150 mm , Maximum Load 2000 kN . Test instruction reference to BS EN 12390-3-2019	yes	

Product Code	Picture	Testing Service Description	Accreditation status	Busket
TE01		Salt spray testing Test instruction reference to IEC 60068-2- 11 - 1981 or ASTM B117-2019	yes	

TE02		Dry Heat Test (Range: 30 - 140°C) Test instruction reference to IEC 60068-2-2 - 2007 Clause 6.5	yes	
TE03		Damp Heat Cyclic Test Severity: a) 40°C, Cycle: 2, 6, 12, 21, 56 b) 50°C, Cycle: 1,2,6 Test instruction reference to IEC 60068-2-30-2005 Clause 5	yes	
TE04		Damp Heat Steady State Test Severity: a) 30°C, 93% RH b) 30°C, 85% RH c) 40°C, 93 % RH d) 40°C, 85 % RH Duration: 2 hr,16 hr,24 hr 2 days, 4 days, 10 days, 21 days or 56 days. Test instruction reference to IEC 60068-2-78-2012 Clause 4.2	yes	

Product Code	Picture	Testing Service Description	Accreditation status	Basket
TF01		Water meter Size: 15mm ~ 100mm diameter Determination of Intrinsic Errors (of Indication) . Test instruction reference to ISO 4064-2-2014 Clause 7.4 or OIML R049-1 Clause 7.2.3	yes	
TF02		Viscosity fluid Liquid petroleum products (transparent) Kinematic Viscosity range: 7 ~ 35 mm ² /s 50 ~ 250 mm ² /s 10 ~ -500 mm ² /s 500 ~ 2500 mm ² /s 1600 ~ 8000 mm ² /s Test instruction reference to BS EN ISO 3104:2020	yes	
TF03		Aqueous solutions pH value range: Range : pH 2 ~ 12 Test instruction reference to ASTM E 70-19	yes	

Product Code	Picture	Testing Service Description	Accreditation status	Basket
TT01		Testing of Construction and finishing of buildings or structures Non Combustability Test. Test instruction reference to BS 476 Part 4-1970	yes	
TT02		Testing of Plastic Material for Parts in Devices and Appliances. Horizontal Burning Test: HB Test instruction reference to UL 94- 2018 Clause 7	yes	
TT03		Vertical Burning Test: V-0, V-1, V-2 . Test	yes	

		instruction reference to UL 94- 2018 Clause 8		
TT04		Vertical Burning Test: 5VA, 5VB . Test instruction reference to UL 94- 2018 Clause 9	yes	
TT05		Thin Material Vertical Burning Test: VTM-0, VTM-1, VTM-2 Test instruction reference to UL 94- 2018 Clause 11	yes	
TT06		Horizontal Burning Foamed Material Test: HBF, HF-1, HF-2 Test instruction reference to UL 94- 2018 Clause 12	yes	
TT		Construction material fire retention test both vertical and horizontal panels according to BS 476 Part 20 and 22	no	

Product Code	Picture	Reference Material Description,	Accreditation status		Basket
			17025	17034	
RM01		Standard Soil for Liquid and Plastic limits	yes	no	
RM02		Standard Soil for Water / Moisture Content	yes	no	
RM03		pH Buffer solution 2, 4, 7, 10, 14	yes	no	
RM04		Viscosity Fluid	yes	no	

Product Code	Proficiency Testing Service Description	Accreditation status	Basket
PT01	Calliper	In progress	
PT02	Micrometer	In progress	
PT03	Liquid In Glass Thermometer	In progress	
PT04	Digital Thermometer	In progress	
PT05	Heat Enclosure	In progress	
PT06	Analytical Balance	In progress	
PT08	Soil Liquid Limit Fall Cone and Plastic Limit	In progress	
PT09	Soil Water Content	In progress	
PT010	Cube Compressive Strength	In progress	
PT011	pH Aqueous Solution	In progress	

Product Code	Training Days	MS ISO/IEC 17025:2017 LABORATORY MANAGEMENT SYSTEM TRAINING DESCRIPTION	HRDCorp Status	Basket
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L001	1	MS ISO/IEC 17025:2017 Introduction & Understanding	SBL-Khas	
L002	2	MS ISO/IEC 17025: 2017 Documentation & Implementation	SBL-Khas	
L003	2	MS ISO/IEC 17025: 2017 Internal Quality Auditing	SBL-Khas	
L004	2	Measurement Uncertainty Estimation	SBL-Khas	
L005	5	MS ISO/IEC 17025: 2017 Lead Assessor	SBL-Khas	

Product Code	Training Days	MEASURING INSTRUMENT CALIBRATION TRAINING DESCRIPTION	HRDCorp Status	Busket
E001	2	Balance Calibration	SBL-Khas	
E003	2	Caliper Calibration	SBL-Khas	
E005	2	Volumetric Glassware Calibration	SBL-Khas	
E006	2	Dial Gauge Calibration	SBL-Khas	
E007	2	Micrometer Calibration	SBL-Khas	
E008	2	Thermometer, Thermocouple & PT100 Calibration	SBL-Khas	
E009	2	Temperature Instrument Calibration	SBL-Khas	
E010	2	Heat Enclosure Calibration (Oven, Furnace, Freezer & Incubator)	SBL-Khas	
E011	2	Pressure Calibration	SBL-Khas	
E012	1	Measuring Instrument Intermediate Check (Instrument Verification)	SBL-Khas	
E013	1	Understanding Measurement & Calibration System	SBL-Khas	
E014	1	Measuring Instrument Handling	SBL-Khas	
E015	2	A Practical Approach to Measurement & Calibration	SBL-Khas	
E016	3	Measuring Instrument Calibration (Customised 3 /4 Instruments)	SBL-Khas	
E017	2	Digital Multimeter Calibration	SBL-Khas	
E019	2	Digital Torque Meter Calibration	SBL-Khas	
E020	2	Thickness Gauge Calibration	SBL-Khas	

Product Code	Training Days	QUALITY TOOL TRAINING DESCRIPTION	HRDCorp Status	Busket
QT01	2	Acceptance Sampling	SBL-Khas	
QT02	2	The 7 QC Tools	SBL-Khas	
QT03	2	The New 7 QC Tools	SBL-Khas	
QT04	2	Measurement System Analysis	SBL-Khas	
QT05	1	Repeatability & Reproducibility	SBL-Khas	

Product Code	Consultation period	ISO/IEC 17025 LABORATORY QUALITY MANAGEMENT SYSTEM CONSULTATION SERVICE	HRDF Status	Busket
ISO/IEC 17025	9 to 12 months	Provide consultation services to clients in order to achieve laboratory accreditation status	SBL-Khas	

CT01	Heat Enclosure calibration adopting TLAS G20 include oven, furnace, freezer, bath, incubator. The equivalent to TLAS G20 is EURAMET cg 20 without humidity measurement. The technique is utilising minimum 9 test sites with the reference to the geo-centre of the enclosure. The scope of SAMM accreditation is from -20 to 1200 °C
CM01	This Analytical balance calibration is meant for site calibration with accredited scope of $\pm 0.0002\text{g}$ accuracy and maximum load of 200g.
PT03	This Liquid In Glass Thermometer calibration PT scheme service is targeting at laboratories wishing to obtain accreditation for liquid in glass thermometer calibration. The accreditation for ISO/IEC 17043 is currently in progress.
TE04	IEC 60068-2-78 established a test method for determining the ability of components or equipment to withstand transportation, storage and use under condition of high humidity and high temperature. The objective of the test is to investigate the effect of high humidity at constant temperature without condensation on a specimen over a prescribed period. This test is applicable to small equipment or components as well as large equipment , and can be applied to both heat dissipating and non heat dissipating specimen. The testing conditions are as Severity below: a) 30°C, 93% RH b) 30°C, 85% RH c) 40°C, 93 % RH d) 40°C, 85 % RH Duration: 2 hr,16 hr,24 hr 2 days, 4 days, 10 days, 21 days or 56 days. Customer needs to specify the severity according to the condition above.
TT04	Vertical Burning Test: 5VA, 5VB . Test instruction reference to UL 94- 2018 Clause 9 It covers test for flammability of polymetric materials used for parts in devices and appliances, intended to serve as a preliminary indication of their acceptability with respect to flammability for a particular application. Material can be classified as 5VA or 5VB on the basis of test results obtain on small bar and plate test specimen when tested according to Vertical burning.

