**Master terms glossary and change mapping – ISO/IEC 17025 Calibration**

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Changes to previously used schedule terms are indicated in the tables below in **bold** text

# ISO/IEC 17025 Calibration – Master term glossary – Objects of conformity assessment

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|  |
| --- |
| Object of conformity assessment |
| ACCELEROMETRY | TORQUE |
| ACOUSTICS | VISCOSITY |
| AIR QUALITY | VOLUME |
| AIR VELOCITY |  |
| ANCILLARY MEASUREMENTS |  |
| ANGLE |  |
| BREATH ALCOHOL INSTRUMENTS |  |
| CHEMICAL |  |
| COLOUR |  |
| DENSITY |  |
| DIMENSIONAL |  |
| ELECTRICAL |  |
| EVIDENTIAL BREATH ALCOHOL INSTRUMENTS |  |
| FIBRE OPTICS |  |
| FLOW |  |
| FORCE |  |
| GAS ANALYSERS |  |
| GAS DETECTORS |  |
| GASES |  |
| HARDNESS |  |
| HARDNESS INDENTERS |  |
| HUMIDITY |  |
| IMPACT |  |
| MASS |  |
| OPTICAL |  |
| PRESSURE |  |
| RADIOLOGICAL |  |
| ROTATION |  |
| TEMPERATURE |  |
| TIME |  |

# ISO/IEC 17025 Calibration – Master term glossary – Types of evaluation: A – L

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| Type of evaluation |
| --- |
| Absorbing Clamps | Base Metal Thermocouples |
| AC Current | Battery Test Systems |
| AC Harmonics and Distortion | Bench Centres |
| AC Phase Angle | Bevel Protractors |
| AC Power | Binary Gas Mixtures |
| AC Resistance | Bingham Pycnometer |
| AC Voltage | Blackbody Sources |
| AC/DC Transfer | Borda's Substitution |
| Acceleration Transducers | Breath Testing Instruments |
| Air Gauging Units | Brinell Reference Indentation Reading Blocks |
| Air Kerma Rate | BS 7671 Instruments |
| Ambient Dose Equivalent Rate | Bulk Current Injection Probes |
| Amplitude Modulation | Burst Transient Generator Characteristics |
| Analogue Thermometers | Calibration at Fixed Points |
| Ancillary Measurements | Calibration Factor |
| Anemometers and Pitot Tubes with a Digital Display | Calliper Gauges including Vernier, Dial and Digital Types |
| Angle | Callipers |
| Angle Gauges | Capacitance |
| Angle Plates and Box Angle Plates | Capillary Viscometer |
| Angular Velocity | Carbon monoxide (CO) Analysers  |
| Apparent Power | Carbon monoxide (CO) in Air or Nitrogen  |
| Appliance Testers | Cartesian Co-ordinate Measuring Machines (CMM) |
| ASTM E317-11 | Centres |
| Attenuation | Centrifuges |
| Autocollimators | Charge Amplifiers |
| Automated Signal Generator Calibration System | Clinometers |
| Automatic Network Analyser System; Voltage Transmission Coefficient Magnitude and Phase | Cold Junction Compensation |
| Bandwidth | Colour data: CIE |
|  | Colour data: CIELAB |
| Colour data: Hunter | Direct calibration of Hardness Testing Machines and Indentation Measuring devices |
| Colour Temperature Meter | Direct calibration of Knoop diamond indenters for testing and standardizing machines |
| Combination Sets | Direct Calibration of Rockwell Diamond Indenters for Calibration and Testing Machines |
| Common Mode Impedance | Direct calibration of Vickers diamond indenters for calibration and testing machines |
| Comparator | Direct verification of indentation measuring equipment  |
| Compensating and Extension Cables for Base Metal Thermocouples | Directivity |
| Compensating and Extension Cables for Noble Metal Thermocouples | Discontinuous Interference Analysers |
| Conventional Mass | Displacement |
| Creep Testing Machines | Displacement Transducers |
| Current Coils | Distortion |
| Cylindrical Roundness Magnification Standards | Dividing Heads |
| Cylindrical Straightedges | Dry Block Calibrators |
| Damped Oscillatory Generators | Dry Block Calibrators and Small Liquid Baths |
| DC Current | Elapsed time |
| DC Resistance | Electrical fast transient characteristics |
| DC Voltage | Electrical Temperature Simulation |
| Density floats | Electrical Torque Simulation |
| Density Transducers | Electronic Height Gauges with Microprocessor Control |
| Determination of Non Automatic Hydrocarbon Sampler Flow Rate | Electronic Indicating Levels |
| Determination of PAH sampler flow rate | Electronic Thermometers with Indicators and Data-Loggers |
| Determination of particle analyser flow rate  | Electrostatic Discharge Generators |
| Dew Point | Electrostatic Voltage |
| Dial Gauges and Dial Test Indicators | Evidential Breath Testing Instruments |
| Diameter | Extensometry |
| Diffuse Reflectance | External |
| Digital Modulation | Feeler Gauges |
| Direct calibration of Hardness Calibration Machines | Feeler Gauges and Shims |
| Flash Test (Accessory) | Hardness Testing Machines in Service |
| Flatness | Harmonic Distortion |
| Flow | Harmonic Standards  |
| Flowmeter | Harmonics |
| Force Measuring Devices | Height Gauges |
| Form | High Impedance Contact Voltage |
| Frequency | High Voltage |
| Frequency Modulation | Horizontal and Vertical Measuring Machines |
| Furnaces and Ovens | Horizontal Comparator |
| Gap | Horizontal Measuring Machines |
| Gas Analyser | Hydraulic Pressure (Absolute) |
| Gas Detector | Hydraulic Pressure (Gauge) |
| Gas Flow | Hydraulic Pressure Gauge |
| Gas Pressure (Absolute) | Hydrocarbon Density |
| Gas Pressure (Differential) | Hydrocarbon Flow |
| Gas Pressure (Gauge) | Hydrometers |
| Gas Pressure Absolute | Illuminance |
| Gas Pressure Gauge | Immunity Test Generators |
| Gauge Block Comparators | Impact Testing Machines |
| Gauge Blocks | Impedance |
| Gauges | Impedance Phase |
| Gears Spur/Helical External | Impulse Magnetic Field Immunity |
| Generation - System 1 | Impulse Measurement |
| Generation - System 2 | Inclinable Rotary Tables |
| Generation - System 3 | Indexing Tables |
| Generation - System 4 | Indicating Instruments and Gauges |
| Generation - System 5 | Indicator |
| Generation - System 6 | Indirect verification of Brinell Hardness Calibration Machines and Indentation Measuring devices |
| Generation - System 9 | Indirect verification of Brinell Hardness Testing Machines and Indentation Measuring devices |
| Graduated rules | Inductance |
| Gram Gauges | Insulation Testers |
| Graticules | Internal |
| Hand Torque Tools | ISN Measurements |
| Leakage Current |  |
| Length |  |
| Length Bars |  |
| Length Gauges |  |
| Level |  |
| LF and RF Impedance |  |
| LF Capacitance |  |
| LF Vector Network Analysis |  |
| Linear |  |
| Linear Scale |  |
| Linear Scales Associated with Height and Length Measuring Instruments |  |
| Linear Scales Associated with Height and Length Measuring Instruments using a Laser Interferometer |  |
| Linearity |  |
| Liquid Baths |  |
| Liquid Density |  |
| Liquid in glass thermometers |  |
| Liquids |  |
| LISN Measurements |  |
| Load Cells |  |
| Loop Testers |  |
| Luminance Meters |  |

# ISO/IEC 17025 Calibration – Master term glossary – Types of evaluation: M - Z

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| Type of evaluation |
| --- |
| Magnification | Modulation Index |
| Mass Determination of Dead Weight Tester Weights | Modulation Measurements |
| Mass of Floats | Nitric oxide (NO) in Nitrogen |
| Masses | Nitrogen dioxide (NO2) in Air |
| Measurement | Noble Metal Thermocouples |
| Measurement - System 7 | Noise Recording Instrumentation |
| Measurement - System 8 | Noise Source |
| Measurement Capabilities for the Calibration of Fluke 52120a Transconductance Amplifiers | Noise Voltage and Current |
| Measurement capabilities for the calibration of Fluke 9600 series rf reference sources | Non Automatic Weight Instruments |
| Measurement Capabilities for the Calibration of Fluke Electrical Power Standards | NPL Type Level Comparator |
| Measurement Capabilities for the Calibration of Oscilloscope Calibrators | Optical |
| Measurement capabilities for the calibration of phasor measurement unit calibrators | Optical Alignment Telescopes, Targets and Collimators |
| Measurement capabilities for the calibration of rf and microwave spectrum analysers, signal analysers and other instruments with equivalent functionality. | Optical Dividing Heads/Tables |
| Measuring Instruments | Optical Flats  |
| Mechanical and Electronic Torque Calibration Equipment | Optical Straightedges |
| Metal Block Calibrators | Optical Wedge |
| Metal Block Calibrators and Portable Liquid Baths | Orifice Plates |
| MF Vector Network Analysis | Oscilloscope |
| Micrometer | Ozone Photometers |
| Micrometer Heads | Parallelism |
| Microphones | Parallels |
| Microscopes | Particle Counters |
| Modulation Distortion | Particle Dilution Systems |
| PAT Testers | PRT Simulation |
| Pendulum Tester | Pt100 |
| Phase Angle | Pt100 Simulation |
| Phase Modulation | Pulse Accuracy and Detector Response |
| Phase Noise | Pulse Characteristics |
| Phased Array Sets | Pulse Transition Time |
| Pipe Provers | Push-Pull Devices |
| Pipettes | Radiation Thermometers |
| Piston Operated Volumetric Apparatus (POVA) | Radiometry |
| Pistonphones | Radius Gauges |
| Pistonphones and Sound Calibrators | Range |
| Pitch | RCD Testers |
| Plain Gap Gauges (parallel) | Receiver, Position and Profile Gauges, Jigs and Fixtures |
| Plain Plug Gauges (parallel) | Reference Hardness Blocks |
| Plain Plug Gauges (parallel) Cylindrical Setting Standards and Rollers | Relative Humidity |
| Plain Plug Gauges (taper) | Residual FM |
| Plain Plug Gauges (taper) including Check Plugs | Residual Performance and Noise |
| Plain Ring Gauges (parallel) | Resistance |
| Plain Ring Gauges (parallel) and Setting Standards | Resistance Sensors |
| Plain Ring Gauges (taper) | Reverberation Time |
| Plain Taper Diameter Measuring Machine | RF Attenuation |
| Platinum Resistance Thermometers | RF Bandwidth |
| Platinum Thermocouples | RF Calibration Factor |
| Pneumatic pressure (Absolute) | RF Current |
| Pneumatic pressure (Gauge) | RF Current Probes |
| Polygons | RF Intermodulation Products |
| Power | RF Modulation |
| Precision Balls | RF Power |
| Precision Pin Gauges (parallel) | RF Voltage |
| Precision Scales | Rise Time |
| Profile projectors | Riser Blocks |
| Projector | Road Measuring Wheels |
| Protractor | Rotary Tables |
| Rotary tables and Angular Encoders  | Spline Gauges, Involute Spur/Helical External/Internal |
| Rotational Speed | Spline Gauges, Straight Sided Plug and Ring |
| Roundness | Squares |
| Roundness Measuring Machines | Step Gauges |
| Roundness Reference Standards | Straight edges |
| RPM (Revolutions Per Minute) | Straightness |
| Salt Capsules | Sulphur dioxide (SO2) in Air |
| Scales | Surface Plates and Tables |
| Screw Calliper Gauges | Surface Texture |
| Screw Flank Angle | Surface Texture (excluding measurement standards and roughness comparison specimens) |
| Screw Pitch | Surface Texture Measurement Standards |
| Screw Plug Gauges (parallel) | Surface Texture Measuring Machines |
| Screw Plug Gauges (parallel) including Check and Setting Plugs | Surface Texture of Gauges (excluding surface texture standards) |
| Screw Plug Gauges (taper) | Surge Discharge Characteristics |
| Screw Plug Gauges (taper) including Check Plugs | Surge Pulse Characteristics |
| Screw Ring Gauges (parallel) | Tachometers (Optical) |
| Screw Ring Gauges (taper) | Talyrond Precision Cylinder |
| Screw Thread Adjustable Calliper Gauges (parallel) | Taper Diameter Measuring Machines |
| Serration Gauges Straight Sided Plug and Ring | Tapes, Measuring (pocket, precision and pi) |
| Signal Sources | Tapping Machines |
| Sine Bars and Tables | Temperature |
| Slow Damped Oscillatory Wave Characteristics | Temperature Controlled Chambers |
| Small Step Height (recording type) | Temperature in Air |
| Smoke Meter | Temperature Profiling |
| Solid volume standards | Test Blocks |
| Sound Calibrators | Thermal Anemometers |
| Sound Level Meter Filters | Thermal Voltage Converters |
| Sound Level Meters | Thermocouple Reference Junction |
| Spectrum Analyser | Thermocouple Simulation |
| Spectrum Analysis | Thermocouples |
| Speed | Thermocyclers |
| Spirit levels | Thread Diameter Measuring Machines |
| Thread Measuring Cylinders | Volume Passed |
| Thread Pitch Profile Gauges | Volumetric Measures and Pipe Provers |
| Time Interval | VSWR |
| Time Markers | VSWR of Precision Airlines |
| Timers | Water Density |
| Toolmakers Microscopes | Water Flow |
| Torque Beam Radius | Wattmeter Calibration System |
| Torque Indicators | Weights and Artefacts |
| Torque Measuring Devices | Wideband Voltage |
| Torque Multiplying Gearboxes | Zero Checks |
| Torque Wrenches (Including Drivers) | α-Particle Reference Sources |
| Torsion Testing Machines | β-Particle Reference Sources |
| Transition Time |  |
| Transmission Phase (-180°to +180°) |  |
| TRRL Rolling Straightedge |  |
| Ultrasonic Flaw Detection Equipment  |  |
| Ultrasonic Probes |  |
| Ultrasonic Thickness Measuring Equipment |  |
| Universal Materials Testing Machines |  |
| Vane Anemometers |  |
| Vector Network Analyser |  |
| Vector Network Analyser Calibration Kits |  |
| Vector Network Analysis |  |
| Vee blocks |  |
| Verification of Brinell Ball Indenters |  |
| Verification of Rockwell Ball Indenters |  |
| Vernier |  |
| Viscosity Reference Standards |  |
| Voltage |  |
| Voltage Dips and Interrupts Characteristics |  |
| Voltage Dips, Short Interruptions, Voltage Variations Generators |  |
| Voltage Reflection Coefficient |  |
| Voltage Transmission Coefficient Magnitude |  |
| Volume Flow Rate |  |

#

# ISO/IEC 17025 Calibration – Objects of conformity assessment

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| Previously used schedule term | Converted master term |
| --- | --- |
| **17th and 18th edition electrical test instruments** | **ELECTRICAL** |
| **AC CURRENT** | **ELECTRICAL** |
| **AC HARMONICS AND DISTORTION** | **ELECTRICAL** |
| **AC RESISTANCE** | **ELECTRICAL** |
| ACCELEROMETRY | ACCELEROMETRY |
| ACOUSTICS | ACOUSTICS |
| **AIR QUALITY MONITORING STATIONS** | **AIR QUALITY** |
| AIR VELOCITY | AIR VELOCITY |
| ANCILLERY MEASUREMENTS | ANCILLARY MEASUREMENTS |
| ANGLE | ANGLE |
| **ANTENNA GAIN and ANTENNA FACTOR** | **ELECTRICAL** |
| **AUTOMATIC NETWORK ANALYSER SYSTEM; VOLTAGE TRANSMISSION COEFFICIENT MAGNITUDE AND PHASE** | **ELECTRICAL** |
| **Balls** | **DIMENSIONAL** |
| **CALIBRATION OF BREATH ALCOHOL SCREENING DEVICES** | **BREATH ALCOHOL INSTRUMENTS** |
| **CALIBRATION OF EVIDENTIAL BREATH TESTING INSTRUMENTS** | **EVIDENTIAL BREATH ALCOHOL INSTRUMENTS** |
| **Calibration of Force Measuring Devices** | **FORCE** |
| **Calibration of millimetre wave power sensors** | **ELECTRICAL** |
| **CALIBRATION OF ULTRASONIC TEST BLOCKS** | **DIMENSIONAL** |
| **CALIBRATIONS IN SUPPORT OF 17TH AND 18TH EDITION TEST EQUIPMENT** | **ELECTRICAL** |
| **Ceramic ballsSee note 1** | **DIMENSIONAL** |
| **CHARGE AMPLIFIERS** | **ELECTRICAL** |
| COLOUR | COLOUR |
| **COMPRESSED GAS MIXTURES FOR AIR QUALITY MONITORING** | **AIR QUALITY** |
| **DC RESISTANCE** | **ELECTRICAL** |
| **DC RESISTANCE RATIO** | **ELECTRICAL** |
| **DC VOLTAGE** | **ELECTRICAL** |
| **DC/LF AUTOMATED CALIBRATION SYSTEM** | **ELECTRICAL** |
| **DC/LF MULTIFUNCTION TRANSFER STANDARD SYSTEM** | **ELECTRICAL** |
| DENSITY | DENSITY |
| **DENSITYMEASUREMENTS** | **DENSITY** |
| **DEW POINT and RELATIVE HUMIDITY** | **HUMIDITY** |
| DIMANSIONAL | DIMENSIONAL |
| **DIMENSIONAL CALIBRATION** | **DIMENSIONAL** |
| **DIMENSIONAL CALIBRATION by comparison with a reference instrument** | **DIMENSIONAL** |
| **DIMENSIONAL MEASUREMENTS** | **DIMENSIONAL** |
| **E-FIELD EMITTERS** | **ELECTRICAL** |
| ELECTRICAL | ELECTRICAL |
| **ELECTRICAL CALIBRATION** | **ELECTRICAL** |
| **Electrical calibration of temperature indicators, controllers and recorders for the following sensors:** | **ELECTRICAL** |
| **ELECTRICAL CALIBRATIONS IN SUPPORT OF EMC TESTING EQUIPMENT** | **ELECTRICAL** |
| **ELECTRICAL MEASUREMENTS** | **ELECTRICAL** |
| **ELECTRICAL SIMULATION OF TEMPERATURE** | **ELECTRICAL** |
| **ELECTRICAL VERIFICATION of ULTRASONIC FLAW DETECTION EQUIPMENT** | **ELECTRICAL** |
| **ELECTRICAL VERIFICATION of ULTRASONIC PROBES:** | **ELECTRICAL** |
| **ELECTRICAL VERIFICATION of ULTRASONIC THICKNESS MEASURING EQUIPMENT** | **ELECTRICAL** |
| **EMISSION RATES** | **RADIOLOGICAL** |
| **ENVIRONMENTAL INSTRUMENTS FOR AIR QUALITY MONITORING**  | **AIR QUALITY** |
| **EVALUATION OF PERFORMANCE CHARACTERISTICS OF ULTRASONIC PULSE-ECHO TESTING INSTRUMENTS WITHOUT THE USE OF ELECTRONIC MEASUREMENT STANDARDS** | **ELECTRICAL** |
| **FIBRE OPTIC CALIBRATION** | **FIBRE OPTICS** |
| FLOW | FLOW |
| **FLOW (Gas)** | **FLOW** |
| **FLOW (Oil)** | **FLOW** |
| **FLOW - WATER**  | **FLOW** |
| **FLOW (Water)** | **FLOW** |
| **FLOW and VOLUME MEASUREMENTS** | **FLOW** |
| **Flow Meters** | **FLOW** |
| **For the Calibration of half wavelength Reference Dipoles** | **ELECTRICAL** |
| FORCE | FORCE |
| **FORENSIC ALCOHOL STANDARDS** | **CHEMICAL** |
| **FORM** | **DIMENSIONAL** |
| **FREQUENCY** | **ELECTRICAL** |
| **FREQUENCY MEASUREMENTS** | **ELECTRICAL** |
| **FUEL FLOW** | **FLOW** |
| **GAMMA-RAY DOSIMETRY** | **RADIOLOGICAL** |
| **GAS ANALYSERS** | **GAS ANALYSERS** |
| **GAS DETECTORS**  | **GAS DETECTORS** |
| GASES | GASES |
| HARDNESS | HARDNESS |
| HARDNESS INDENTERS | HARDNESS INDENTERS |
| HUMIDITY | HUMIDITY |
| **HUMIDITY CALIBRATION** | **HUMIDITY** |
| **Hydrocarbon flow** | **FLOW** |
| IMPACT | IMPACT |
| **Impedance and Voltage division factor (LISNs and CDNs)** | **ELECTRICAL** |
| **Instruments approved by the Vehicle Inspectorate on behalf of the DfT for the measurement of:-** | **GAS ANALYSERS** |
| **Instruments approved by the Vehicle Inspectorate on behalf of the DfT for the measurement of:-a) vehicle exhaust emissions** | **GAS ANALYSERS** |
| **Instruments approved by the Vehicle Inspectorate on behalf of the DfT for the measurement of:-b) free acceleration smoke** | **GAS ANALYSERS** |
| **INVOLUTE GEARS, GEAR ARTEFACTS, SPLINE GAUGES**  | **DIMENSIONAL** |
| **LENGTH** | **DIMENSIONAL** |
| MASS | MASS |
| **MASS CALIBRATION** | **MASS** |
| **MEASURING INSTRUMENTS** | **DIMENSIONAL** |
| **MEASURING INSTRUMENTS AND MACHINES** | **DIMENSIONAL** |
| **MODULATION** | **ELECTRICAL** |
| **NEUTRON MEASUREMENTS** | **RADIOLOGICAL** |
| **NON AUTOMATIC WEIGHING MACHINES** | **MASS** |
| OPTICAL | OPTICAL |
| **OPTICAL MEASUREMENTS** | **OPTICAL** |
| **ORGANIC STANDARDS** | **CHEMICAL** |
| **OSCILLOSCOPE CHARACTERISTICS** | **ELECTRICAL** |
| **PHASED ARRAY SETS** | **ELECTRICAL** |
| **PHOTOMETRY** | **OPTICAL** |
| **Power Sensor Calibration System** | **ELECTRICAL** |
| PRESSURE | PRESSURE |
| **PRESSURE CALIBRATION** | **PRESSURE** |
| **PRESSURE MEASUREMENTS** | **PRESSURE** |
| **RADIOLOGICAL CALIBRATION** | **RADIOLOGICAL** |
| **RADIOMETRY** | **OPTICAL** |
| **REFERENCE MATERIALS** | **CHEMICAL** |
| **RELATIVE HUMIDITY** | **HUMIDITY** |
| **RELATIVE HUMIDITY and DEW POINT** | **HUMIDITY** |
| **RF AND MICROWAVE** | **ELECTRICAL** |
| **RF ELECTRICAL MEASUREMENTS** | **ELECTRICAL** |
| **RF MEASUREMENTS** | **ELECTRICAL** |
| **ROTATION SPEED** | **ROTATION** |
| **ROTATIONAL SPEED** | **ROTATION** |
| **Steel balls** | **DIMENSIONAL** |
| **STRAIGHT SIDED SERRATION GAUGES** | **DIMENSIONAL** |
| **SURFACE CONTAMINATION MONITOR RESPONSE** | **RADIOLOGICAL** |
| **SURFACE MEASUREMENT** | **DIMENSIONAL** |
| TEMPERATURE | TEMPERATURE |
| **TEMPERATURE CALIBRATION** | **TEMPERATURE** |
| **TEMPERATURE calibration by comparison with a reference instrument** | **TEMPERATURE** |
| **TEMPERATURE MEASUREMENTS** | **TEMPERATURE** |
| **TEMPERATURE SIMULATION** | **ELECTRICAL** |
| TIME | TIME |
| **TIME INTERVAL** | **TIME** |
| TORQUE | TORQUE |
| **TORQUE CALIBRATION** | **TORQUE** |
| **TORQUE/ANGLE** | **TORQUE** |
| **Tungsten carbide ballsSee note 1** | **DIMENSIONAL** |
| VISCOSITY | VISCOSITY |
| **VOLTAGE REFLECTIONCOEFFICIENT** | **ELECTRICAL** |
| VOLUME | VOLUME |
| **Volume - pipe provers** | **VOLUME** |
| **VOLUME FLOW - AIR** | **FLOW** |
| **VOLUME OF GAS** | **VOLUME** |
| **VOLUME OF LIQUIDS** | **VOLUME** |
| **Volume tanks and provers** | **VOLUME** |
| **WEIGHING MACHINES** | **MASS** |

# ISO/IEC 17025 Calibration – Types of evaluation: A – C

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| Previously used schedule term | Converted master term |
| --- | --- |
| **17th Edition capability** | **BS 7671 Instruments** |
| **4 mm and 6 mm dry block reference probes by comparison in a dry block** | **Dry Block Calibrators** |
| **4-wire platinum resistance thermometers** | **Platinum Resistance Thermometers** |
| AC Current  | AC Current |
| **AC Current Generation** | **AC Current** |
| **AC Current Hall Effect** | **AC Current** |
| **AC HARMONICS AND DISTORTION** | **AC HARMONICS AND DISTORTION** |
| **AC HIGH VOLTAGE** | **AC Voltage** |
| **AC LOOP IMPEDANCE** | **AC Resistance** |
| AC PHASE ANGLE | AC Phase Angle |
| AC POWER | AC Power |
| **AC POWER / ENERGY** | **AC Power** |
| AC Resistance | AC Resistance |
| AC Voltage | AC Voltage |
| **AC VOLTAGE MEASUREMENTS USING FLUKE 5790 Series AC MEASUREMENT STANDARD.** | **AC Voltage** |
| **AC VOLTAGE MEASUREMENTS USING FLUKE 792A AC/DC TRANSFER STANDARD** | **AC Voltage** |
| **AC VOLTAGE RATIO** | **AC Voltage** |
| **AC VOLTAGE Other values** | **AC Voltage** |
| **AC/DC Current Transfer Difference (µA/A) for A40B shunts without detector, AC/DC Current Transfer Difference (µA/A) for shunts with their own detector (Fluke 792A, 5790 Series or thermal converter)** | **AC/DC Transfer** |
| **AC/DC TRANSFER CURRENT**  | **AC/DC Transfer** |
| **AC/DC TRANSFER VOLTAGE**  | **AC/DC Transfer** |
| Acceleration Transducers | Acceleration Transducers |
| Air gauging units | Air Gauging Units |
| Air Kerma Rate | Air Kerma Rate |
| **Air temperature: data loggers.**  | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Ambient Dose Equivalent Rate** | **Ambient Dose Equivalent Rate** |
| **Ambient H\*(10) and Personal Hp(10) dose equivalents and dose equivalent rates** | **Ambient Dose Equivalent Rate** |
| AMPLITUDE MODULATION | Amplitude Modulation |
| **Amplitude modulation Rate 50 Hz to 50 kHz** | **Amplitude Modulation** |
| **Analogue and Digital Thermometers** | **Analogue Thermometers** |
| Ancillary Measurements | Ancillary Measurements |
| ANGLE | Angle |
| Angle gauges | Angle Gauges |
| Angle plates and box angle plates | Angle Plates and Box Angle Plates |
| **Angular** | **Clinometers** |
| Angular Velocity | Angular Velocity |
| APPARENT POWER | Apparent Power |
| Appliance Testers: | Appliance Testers |
| ATTENUATION | Attenuation |
| Autocollimators | Autocollimators |
| **AUTOMATED SIGNAL GENERATOR CALIBRATION SYSTEM** | **Automated Signal Generator Calibration System** |
| **AUTOMATIC NETWORK ANALYSER SYSTEM; VOLTAGE TRANSMISSION COEFFICIENT MAGNITUDE AND PHASE** | **Automatic Network Analyser System; Voltage Transmission Coefficient Magnitude and Phase** |
| BANDWIDTH | Bandwidth |
| **Base metal thermocouple indicators** | **Base Metal Thermocouples** |
| Base Metal Thermocouples | Base Metal Thermocouples |
| Bench Centres | Bench Centres |
| Bevel protractors | Bevel Protractors |
| BINARY GAS MIXTURES | Binary Gas Mixtures |
| Bingham Pycnometer | Bingham Pycnometer |
| Blackbody sources | Blackbody Sources |
| **Block calibrators** | **Dry Block Calibrators** |
| **Borda substitution** | **Borda's Substitution** |
| **Bordas Substitution** | **Borda's Substitution** |
| **Breath Testing Screening Instruments** | **Breath Testing Instruments** |
| BULK CURRENT INJECTION PROBES | Bulk Current Injection Probes |
| **BURST TRANSIENT GENERATOR CHARACTERISTICS** | **Burst Transient Generator Characteristics** |
| **By comparison in a dry block** | **Dry Block Calibrators** |
| **By comparison in a fluid bath** | **Liquid Baths** |
| Calibration at Fixed Points | Calibration at Fixed Points |
| Calibration Factor | Calibration Factor |
| **CALIBRATION FACTOR Power sensor calibration** | **Calibration Factor** |
| **Calibration factor Nominal 1 mW** | **Calibration Factor** |
| **CALIBRATION OF 16TH/17TH EDITION TEST EQUIPMENT** | **BS 7671 Instruments** |
| **Calibration of 17th Edition Test Equipment** | **BS 7671 Instruments** |
| **CALIBRATION OF ABSORBING CLAMPS** | **Absorbing Clamps** |
| **Calibration of anemometers and pitot tubes with a digital display** | **Anemometers and Pitot Tubes with a Digital Display** |
| **CALIBRATION OF BATTERY TEST SYSTEMS** | **Battery Test Systems** |
| **Calibration of Brinell reference indentation reading blocks** | **Brinell Reference Indentation Reading Blocks** |
| **Calibration of chambers: Dew-Point** | **Dew Point** |
| **Calibration of chambers: Relative Humidity** | **Relative Humidity** |
| **CALIBRATION OF CURRENT COILS** | **Current Coils** |
| **CALIBRATION OF FLUKE 792A AC/DC TRANSFER STANDARDS** | **AC/DC Transfer** |
| **Calibration of indicating instruments and gauges** | **Indicating Instruments and Gauges** |
| **Calibration of pendulum tester** | **Pendulum Tester** |
| **Calibration of pipe Provers** | **Pipe Provers** |
| **Calibration of Pipe Provers and Compact Provers using Master Meter Method** | **Pipe Provers** |
| **Calibration of Pipe Provers by master meter and compact prover method** | **Pipe Provers** |
| **Calibration of Reference Hardness Blocks** | **Reference Hardness Blocks** |
| **Calibration of Reference Hardness Blocks:**  | **Reference Hardness Blocks** |
| **CALIBRATION OF RF POWER SOURCES**  | **RF Power** |
| **Calibration of rh probes:** | **Relative Humidity** |
| **CALIBRATION OF SIGNAL SOURCES** | **Signal Sources** |
| **Calibration of Temperature Data loggers, Electronic Temperature Indicators and Recorders in Air** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Calibration of temperature indicators for the following sensor types** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Calibration of thermal voltage converters (TVCs)** | **Thermal Voltage Converters** |
| **Calibration of torque indicators** | **Torque indicators** |
| **CALIBRATION OF VNA CALIBRATION KITS** | **Vector Network Analyser Calibration Kits** |
| **Calibration of voltage output per picocoulomb or millivolt input. Minimum input 1 pC or 10 mV.** | **Charge Amplifiers** |
| **Calliper** | **Callipers** |
| **Calliper gauges including vernier, dial and digital types** | **Calliper Gauges including Vernier, Dial and Digital Types** |
| **Calliper type gauges including dial and digital** | **Calliper Gauges including Vernier, Dial and Digital Types** |
| Callipers | Callipers |
| CAPACITANCE | Capacitance |
| **Capacitance 1 kHz** | **Capacitance** |
| **CAPACITANCE LOSS** | **Capacitance** |
| **Capillary viscometer calibration** | **Capillary Viscometer** |
| Carbon monoxide (CO) analysers  | Carbon monoxide (CO) Analysers  |
| Carbon monoxide (CO) in air or nitrogen  | Carbon monoxide (CO) in Air or Nitrogen  |
| Cartesian co-ordinate measuring machines (CMM) | Cartesian Co-ordinate Measuring Machines (CMM) |
| Centres | Centres |
| Centrifuges | Centrifuges |
| **CERTIFICATION OF HARDNESS TESTING MACHINES IN SERVICE** | **Hardness Testing Machines in Service** |
| **Chambers** | **Temperature Controlled Chambers** |
| Clinometers | Clinometers |
| Cold Junction Compensation | Cold Junction Compensation |
| Colour data: CIE | Colour data: CIE |
| Colour data: CIELAB | Colour data: CIELAB |
| Colour data: Hunter | Colour data: Hunter |
| Colour temperature meter | Colour Temperature Meter |
| Combination Sets | Combination Sets |
| Common Mode Impedance | Common Mode Impedance |
| Comparator | Comparator |
| **Comparators - Horizontal (external)**  | **Comparator** |
| **Comparators (external)** | **Comparator** |
| Compensating and extension cables for Base metal thermocouples | Compensating and Extension Cables for Base Metal Thermocouples |
| Compensating and extension cables for Noble metal thermocouples | Compensating and Extension Cables for Noble Metal Thermocouples |
| Conventional Mass | Conventional Mass |
| CREEP TESTING MACHINES | Creep Testing Machines |
| **CURRENT** | **BS 7671 Instruments** |
| Cylindrical roundness magnification standards | Cylindrical Roundness Magnification Standards |
| Cylindrical straightedges | Cylindrical Straightedges |

# ISO/IEC 17025 Calibration – Types of evaluation: D – G

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| Previously used schedule term | Converted master term |
| --- | --- |
| DAMPED OSCILLATORY GENERATORS | Damped Oscillatory Generators |
| **DC AND AC POWER** | **Power** |
| **DC calibration of power sensors** | **Calibration Factor** |
| DC CURRENT | DC Current |
| **DC High Voltage**  | **DC Voltage** |
| **DC POWER** | **Power** |
| DC Resistance  | DC Resistance |
| DC VOLTAGE | DC Voltage |
| **DC VOLTAGE RATIO** | **DC Voltage** |
| Density floats | Density floats |
| **DENSITY METERS** | **Density Transducers** |
| **Density transducers - Liquid** | **Density Transducers** |
| Determination of Non Automatic hydrocarbon sampler flow rate | Determination of Non Automatic Hydrocarbon Sampler Flow Rate |
| Determination of PAH sampler flow rate | Determination of PAH Sampler Flow Rate |
| Determination of particle analyser flow rate  | Determination of Particle Analyser Flow Rate |
| Dew Point | Dew Point |
| **Dewpoint** | **Dew Point** |
| **Dew-point** | **Dew Point** |
| Dial gauges and dial test indicators | Dial Gauges and Dial Test Indicators |
| **Dial type and electronic thermometers with sensors:** | **Electronic Thermometers with Indicators and Data-Loggers** |
| Diameter | Diameter |
| Diffuse Reflectance | Diffuse Reflectance |
| DIGITAL MODULATION | Digital Modulation |
| **Digital thermometers**  | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Direct Calibration** | **Non Automatic Weight Instruments** |
| Direct calibration of Rockwell diamond indenters for calibration and testing machines | Direct Calibration of Rockwell Diamond Indenters for Calibration and Testing Machines |
| Direct calibration of Vickers diamond indenters for calibration and testing machines | Direct Calibration of Vickers Diamond Indenters for Calibration and Testing Machines |
| Direct verification of Hardness Calibration Machines,  | Direct Verification of Hardness Calibration Machines |
| **Direct verification of Hardness Testing Machines,**  | **Direct Verification of Hardness Testing Machines and Indentation Measuring Devices** |
| Direct verification of indentation measuring equipment  | Direct Verification of indentation Measuring Equipment  |
| **Direct verification of Rockwell Hardness Calibration machines** | **Direct Verification of Hardness Calibration Machines** |
| **DIRECTIVITY of VRC bridges** | **Directivity** |
| **DIRECTIVITY (of VSWR bridges)** | **Directivity** |
| **DIRECTIVITY of VRC bridges and couplers** | **Directivity** |
| **DIRECTIVITY of directional couplers** | **Directivity** |
| DISCONTINUOUS INTERFERENCE ANALYSERS | Discontinuous Interference Analysers |
| DISPLACEMENT | Displacement |
| Displacement transducers | Displacement Transducers |
| DISTORTION | Distortion |
| Dividing heads | Dividing Heads |
| Dry Block Calibrators and small liquid baths | Dry Block Calibrators and Small Liquid Baths |
| Elapsed time | Elapsed time |
| **Electrical calibration of temperature indicators** | **Electrical Temperature Simulation** |
| **Electrical calibration of temperature indicators** | **Electrical Temperature Simulation** |
| **Electrical calibration of temperature indicators and simulators** | **Electrical Temperature Simulation** |
| **Electrical calibration of temperature indicators sources for the following sensors types:** | **Electronic Thermometers with Indicators and Data-Loggers** |
| Electrical fast transient characteristics | Electrical fast transient characteristics |
| Electrical torque indicators | Electrical Torque Simulation |
| **Electrical torque indicators (by electrical simulation)** | **Electrical Torque Simulation** |
| Electronic Height Gauges with microprocessor control | Electronic Height Gauges with Microprocessor Control |
| Electronic indicating levels | Electronic Indicating Levels |
| **Electronic Thermometer** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with Base Metal Thermocouples** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with indicators and data-loggers** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with Platinum Thermocouples** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic Thermometers with probes** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with Resistance Sensors** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with sensors** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with sensors and Temperature Transmitters** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with sensors, and temperature indicators** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Electronic thermometers with sensors; analogue or digital** | **Electronic Thermometers with Indicators and Data-Loggers** |
| ELECTROSTATIC DISCHARGE GENERATORS | Electrostatic Discharge Generators |
| **Electrostatic Discharge ESD Generators** | **Electrostatic Discharge Generators** |
| ELECTROSTATIC VOLTAGE | Electrostatic Voltage |
| **EVALUATION OF PERFORMANCE CHARACTERISTICS OF ULTRASONIC PULSE-ECHO TESTING INSTRUMENTS WITHOUT THE USE OF ELECTRONIC MEASUREMENT STANDARDS** | **ASTM E317-11** |
| Evidential Breath Testing Instruments | Evidential Breath Testing Instruments |
| **Example Power CMCs** | **Power** |
| **EXTENSOMETRY** | **Extensometry** |
| External | External |
| Feeler Gauges | Feeler Gauges |
| Feeler gauges and shims | Feeler Gauges and Shims |
| **Filters - Octave and one-third octave band, sound level meter based: IEC 61260 and IEC 225, filter band shape:** | **Sound Level Meter Filters** |
| **Filters - Sound level meter based** | **Sound Level Meter Filters** |
| Flash Test (Accessory) | Flash Test (Accessory) |
| Flatness | Flatness |
| **Flatness/Parallelism** | **Form** |
| **Flow – volume** | **Flow** |
| **Flow meters** | **Flowmeter** |
| **Flow rate of calibration gas:** | **Gas Flow** |
| **Fluke 5790 Series AC Measurement Standard Calibration** | **AC/DC Transfer** |
| FORCE MEASURING DEVICES | Force Measuring Devices |
| FORM | Form |
| **Form & Length** | **Form** |
| FREQUENCY  | Frequency |
| **Frequency / Timers** | **Frequency** |
| **FREQUENCY AND TIME INTERVAL** | **Frequency** |
| **Frequency Measurement** | **Frequency** |
| FREQUENCY MODULATION | Frequency Modulation |
| **Frequency modulation Rate 50 Hz to 100 kHz** | **Frequency Modulation** |
| **Frequency Generation** | **Frequency** |
| **Furnaces and ovens** | **Furnaces and Ovens** |
| Gap | Gap |
| Gas Analyser | Gas Analyser |
| Gas density transducers | Density Transducers |
| **Gas detector (Butane)** | **Gas Detector** |
| **Gas detector (Carbon Dioxide)** | **Gas Detector** |
| **Gas detector (Carbon Monoxide)** | **Gas Detector** |
| **Gas detector (Methane)** | **Gas Detector** |
| **Gas detector (Oxygen)** | **Gas Detector** |
| **Gas detector (Propane)** | **Gas Detector** |
| Gas flow | Gas Flow |
| Gas Pressure (Absolute) | Gas Pressure (Absolute) |
| Gas Pressure (Differential) | Gas Pressure (Differential) |
| Gas Pressure (Gauge) | Gas Pressure (Gauge) |
| Gas pressure (gauge)  | Gas Pressure (Gauge) |
| Gas Pressure Absolute | Gas Pressure (Absolute) |
| Gas Pressure Gauge | Gas Pressure (Gauge) |
| **Gas Quantity (Mass and flow rate)** | **Gas Flow** |
| **Gauge** | **Gauges** |
| Gauge block comparators | Gauge Block Comparators |
| Gauge blocks | Gauge Blocks |
| Gauges | Gauges |
| GEARS SPUR/HELICAL EXTERNAL | Gears Spur/Helical External |
| Generation - System 1 | Generation - System 1 |
| Generation - System 2 | Generation - System 2 |
| Generation - System 3 | Generation - System 3 |
| Generation - System 4 | Generation - System 4 |
| Generation - System 5 | Generation - System 5 |
| Generation - System 6 | Generation - System 6 |
| Generation - System 9 | Generation - System 9 |
| Graduated rules | Graduated rules |
| Gram Gauges | Gram Gauges |
| Graticules | Graticules |

# ISO/IEC 17025 Calibration – Types of evaluation: H – O

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| Previously used schedule term | Converted master term |
| --- | --- |
| Hand torque tools | Hand Torque Tools |
| HARDNESS TESTING MACHINES IN SERVICE | Hardness Testing Machines in Service |
| **HARMONIC CONTENT** | **Harmonics** |
| **Harmonic distortion THDR and THDF** | **Harmonic Distortion** |
| Harmonic Standards  | Harmonic Standards  |
| **Height Gauge** | **Height Gauges** |
| Height gauges | Height Gauges |
| **Height gauges – (Complex)**  | **Height Gauges** |
| **Height gauges - (Simple) including vernier, dial and digital types**  | **Height Gauges** |
| **Height setting micrometer** | **Micrometer** |
| **HF VECTOR NETWORK ANALYSIS** | **Vector Network Analyser** |
| **HIGH IMPEDANCE CONTACT VOLTAGE** | **High Impedance Contact Voltage** |
| High Voltage | High Voltage |
| **High Voltage AC**  | **AC Voltage** |
| **HiPoT LEAKAGE CURRENT** | **Leakage Current** |
| Horizontal & vertical measuring machines | Horizontal and Vertical Measuring Machines |
| Horizontal Comparator | Horizontal Comparator |
| Horizontal measuring machines | Horizontal Measuring Machines |
| Hydraulic pressure (absolute) | Hydraulic Pressure (Absolute) |
| Hydraulic Pressure (Gauge) | Hydraulic Pressure (Gauge) |
| **Hydraulic pressure gauge**  | **Hydraulic Pressure (Gauge)** |
| Hydrocarbon density | Hydrocarbon Density |
| **Hydrocarbon oils**  | **Hydrocarbon Flow** |
| **Hydrocarbons Flowrate (mass or volume)** | **Hydrocarbon Flow** |
| **Hydrocarbons Quantity (mass or volume)** | **Hydrocarbon Flow** |
| **Hydrocarbons Quantity and Flowrate (mass)** | **Hydrocarbon Flow** |
| **Hydrocarbons Quantity and Flowrate (volume)** | **Hydrocarbon Flow** |
| Hydrometers | Hydrometers |
| Illuminance | Illuminance |
| IMMUNITY TEST GENERATORS | Immunity Test Generators |
| IMPACT TESTING MACHINES | Impact Testing Machines |
| IMPEDANCE | Impedance |
| IMPEDANCE PHASE | Impedance Phase |
| Impulse Magnetic Field Immunity | Impulse Magnetic Field Immunity |
| Impulse Measurement | Impulse Measurement |
| Inclinable rotary tables | Inclinable Rotary Tables |
| Indexing tables | Indexing Tables |
| Indicator | Indicator |
| Indirect verification of Brinell Hardness Calibration Machines, and Indentation Measuring devices | Indirect Verification of Brinell Hardness Calibration Machines and Indentation Measuring Devices |
| Indirect verification of Brinell Hardness Testing Machines, and Indentation Measuring devices | Indirect Verification of Brinell Hardness Testing Machines and Indentation Measuring Devices |
| INDUCTANCE | Inductance |
| Insulation Testers: | Insulation Testers |
| Internal | Internal |
| **ISN MEASUREMENT** | **ISN Measurements** |
| ISN MEASUREMENTS | ISN Measurements |
| **Knoop diamond indenters for testing and standardizing machines** | **Direct Calibration of Knoop Diamond Indenters for Testing and Standardizing Machines** |
| LENGTH  | Length |
| **Length Bar** | **Length Bars** |
| Length bars | Length Bars |
| Length gauges | Length Gauges |
| **Length Gauges, flat and spherical ended** | **Length Gauges** |
| **Length gauges, flat and spherical ended (excluding length bars** | **Length Gauges** |
| **Length gauges, flat and spherical ended (excluding length bars)** | **Length Gauges** |
| Level | Level |
| LF and RF Impedance | LF and RF Impedance |
| LF CAPACITANCE | LF Capacitance |
| LF VECTOR NETWORK ANALYSIS | LF Vector Network Analysis |
| Linear | Linear |
| Linear Scale | Linear Scale |
| Linear scales associated with height and length measuring instruments | Linear Scales Associated with Height and Length Measuring Instruments |
| Linear scales associated with height and length measuring instruments using a laser interferometer | Linear Scales Associated with Height and Length Measuring Instruments using a Laser Interferometer |
| Linearity | Linearity |
| Liquid Baths | Liquid Baths |
| Liquid Density | Liquid Density |
| **Liquid density transducers** | **Density Transducers** |
| **Liquid in glass thermometers** | **Liquid in Glass Thermometers** |
| **Liquid-in-glass thermometers** | **Liquid in Glass Thermometers** |
| Liquids | Liquids |
| **LISN MEASUREMENT** | **LISN Measurements** |
| LISN MEASUREMENTS | LISN Measurements |
| **Load cells (excluding proving devices)** | **Load Cells** |
| Loop Testers: | Loop Testers |
| Luminance meters | Luminance Meters |
| Magnification | Magnification |
| **MASS** | **Masses** |
| Mass determination of dead weight tester weights | Mass Determination of Dead Weight Tester Weights |
| Mass Flow rate | Flow |
| Mass of floats | Mass of Floats |
| Masses | Masses |
| Measurement | Measurement |
| Measurement - System 7 | Measurement - System 7 |
| Measurement - System 8 | Measurement - System 8 |
| MEASUREMENT CAPABILITIES FOR THE CALIBRATION OF FLUKE ELECTRICAL POWER STANDARDS | Measurement Capabilities for the Calibration of Fluke Electrical Power Standards |
| MEASUREMENT CAPABILITIES FOR THE CALIBRATION OF FLUKE 52120A TRANSCONDUCTANCE AMPLIFIERS | Measurement Capabilities for the Calibration of Fluke 52120a Transconductance Amplifiers |
| Measurement capabilities for the calibration of Fluke 9600 series rf reference sources | Measurement capabilities for the calibration of Fluke 9600 series rf reference sources |
| MEASUREMENT CAPABILITIES FOR THE CALIBRATION OF OSCILLOSCOPE CALIBRATORS | Measurement Capabilities for the Calibration of Oscilloscope Calibrators |
| Measurement capabilities for the calibration of phasor measurement unit calibrators | Measurement capabilities for the calibration of phasor measurement unit calibrators |
| Measurement capabilities for the calibration of rf and microwave spectrum analysers, signal analysers and other instruments with equivalent functionality. | Measurement capabilities for the calibration of rf and microwave spectrum analysers, signal analysers and other instruments with equivalent functionality |
| **MEASUREMENT MICROPHONE (INCLUDING COMBINATION OF MICROPHONES AND PREAMPLIFIERS)** | **Microphones** |
| MEASURING INSTRUMENTS | Measuring Instruments |
| **Measuring Instruments and Equipment** | **Measuring Instruments** |
| **MEASURING INSTRUMENTS AND MACHINES** | **Measuring Instruments** |
| **MEASURING INSTRUMENTS, MACHINES AND GAUGES** | **Measuring Instruments** |
| **Measuring machines** | **Measuring Instruments** |
| **Measuring machines and instruments** | **Measuring Instruments** |
| **Measuring machines plain taper diameter** | **Measuring Instruments** |
| **Mechanical and Electronic Torque Calibration Equipment** | **Mechanical and Electronic Torque Calibration Equipment** |
| Metal Block calibrators | Metal Block Calibrators |
| Metal block calibrators and portable liquid baths | Metal Block Calibrators and Portable Liquid Baths |
| MF VECTOR NETWORK ANALYSIS | MF Vector Network Analysis |
| Micrometer | Micrometer |
| Micrometer heads | Micrometer Heads |
| **Micrometers** | **Micrometer** |
| Microphones | Microphones |
| **Microscope** | **Microscopes** |
| Microscopes | Microscopes |
| **Microscopes toolmakers** | **Toolmakers Microscopes** |
| MODULATION DISTORTION | Modulation Distortion |
| Modulation index | Modulation Index |
| MODULATION MEASUREMENTS | Modulation Measurements |
| **Multi Channel Pipettes** | **Pipettes** |
| **Multi-channel instruments up to 12 channels simultaneously calibrated** | **Pipettes** |
| Nitric oxide (NO) in nitrogen | Nitric oxide (NO) in Nitrogen |
| Nitrogen dioxide (NO2) in air | Nitrogen dioxide (NO2) in Air |
| Nobel Metal Thermocouples | Noble Metal Thermocouples |
| **Noble metal thermocouples: Electrical calibration of temperature indicators, controllers and recorders** | **Noble Metal Thermocouples** |
| Noise recording instrumentation: | Noise Recording Instrumentation |
| **NOISE SOURCE CALIBRATION** | **Noise Source** |
| NOISE VOLTAGE AND CURRENT | Noise Voltage and Current |
| **Non automatic weighing instrument (NAWI)** | **Non Automatic Weight Instruments** |
| **Non automatic weighing instruments (NAWI)** | **Non Automatic Weight Instruments** |
| Non automatic weight instruments | Non Automatic Weight Instruments |
| **Non-automatic weighing machine** | **Non Automatic Weight Instruments** |
| **NON-AUTOMATIC WEIGHING MACHINES** | **Non Automatic Weight Instruments** |
| **NON-AUTOMATIC WEIGHING MACHINES (BALANCES & SCALES) (From 1 mg to 500 kg)** | **Non Automatic Weight Instruments** |
| NPL type level comparator | NPL Type Level Comparator |
| Optical | Optical |
| **Optical alignment telescopes also targets and collimators** | **Optical Alignment Telescopes, Targets and Collimators** |
| Optical Dividing Heads/tables | Optical Dividing Heads/Tables |
| Optical flats  | Optical Flats  |
| Optical straightedges | Optical Straightedges |
| Optical wedge | Optical Wedge |
| Orifice Plates | Orifice Plates |
| **Oscilloscope Calibration** | **Oscilloscope** |
| Oscilloscopes | Oscilloscope |
| **Other thermocouples** | **Thermocouples** |
| Ozone photometers | Ozone Photometers |

# ISO/IEC 17025 Calibration – Types of evaluation: P – R

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| Previously used schedule term | Converted master term |
| --- | --- |
| **Parallel** | **Parallels** |
| Parallelism | Parallelism |
| Parallels | Parallels |
| Particle Counters | Particle Counters |
| Particle Dilution Systems | Particle Dilution Systems |
| PAT Testers | PAT Testers |
| **PCR Cycler Thermocycler Dry block incubators** | **Thermocyclers** |
| PHASE ANGLE | Phase Angle |
| **PHASE ANGLE Zero crossing phase meter** | **Phase Angle** |
| PHASE MODULATION | Phase Modulation |
| **Phase modulation Rate 200 Hz to 20 kHz** | **Phase Modulation** |
| PHASE NOISE | Phase Noise |
| PHASED ARRAY SETS | Phased Array Sets |
| **Pipette calibration** | **Pipettes** |
| Pipettes | Pipettes |
| Piston operated volumetric apparatus (POVA) | Piston Operated Volumetric Apparatus (POVA) |
| Pistonphones | Pistonphones |
| PISTONPHONES AND SOUND CALIBRATORS | Pistonphones and Sound Calibrators |
| Pitch | Pitch |
| **Plain gap gauges** | **Plain Gap Gauges (parallel)** |
| Plain gap gauges (parallel) | Plain Gap Gauges (parallel) |
| Plain plug gauges (parallel) | Plain Plug Gauges (parallel) |
| Plain plug gauges (parallel) cylindrical setting standards and rollers | Plain Plug Gauges (parallel) Cylindrical Setting Standards and Rollers |
| Plain plug gauges (parallel) | Plain Plug Gauges (parallel) |
| Plain plug gauges (taper) | Plain Plug Gauges (taper) |
| Plain plug gauges (taper) including check plugs | Plain Plug Gauges (taper) including Check Plugs |
| Plain plug gauges parallel | Plain Plug Gauges (parallel) |
| **Plain ring gauges** | **Plain Ring Gauges (parallel)** |
| Plain ring gauges (parallel) | Plain Ring Gauges (parallel) |
| Plain ring gauges (parallel) and setting standards | Plain Ring Gauges (parallel) and Setting Standards |
| Plain ring gauges (taper) | Plain Ring Gauges (taper) |
| **Plain taper diameter measuring** | **Plain Taper Diameter Measuring Machine** |
| Platinum Resistance Thermometers | Platinum Resistance Thermometers |
| **Platinum Resistance Thermometers (4 wire)** | **Platinum Resistance Thermometers** |
| **Platinum resistance thermometers (4 wire) by Comparison** | **Platinum Resistance Thermometers** |
| Platinum thermocouples | Platinum Thermocouples |
| Pneumatic pressure (Absolute) | Pneumatic pressure (Absolute) |
| Pneumatic pressure (Gauge) | Pneumatic pressure (Gauge) |
| Polygons | Polygons |
| **PORTABLE APPLIANCE TESTER CALIBRATION** | **PAT Testers** |
| Precision balls | Precision Balls |
| **Precision balls- various materials** | **Precision Balls** |
| Precision pin gauges (parallel) | Precision Pin Gauges (parallel) |
| Precision scales | Precision Scales |
| **Precision scales (linear)** | **Precision Scales** |
| Profile projectors | Profile projectors |
| Projector | Projector |
| Protractor | Protractor |
| PRT Simulation | PRT Simulation |
| Pt 100 | Pt100 |
| Pt 100 SIMULATION | Pt100 Simulation |
| Pulse Accuracy and Detector Response | Pulse Accuracy and Detector Response |
| PULSE CHARACTERISTICS | Pulse Characteristics |
| PULSE TRANSITION TIME | Pulse Transition Time |
| Push pull devices | Push-Pull Devices |
| **Push pull force measuring devices in tension and compression** | **Push-Pull Devices** |
| Radiation thermometers | Radiation Thermometers |
| **Radiation thermometers (pyrometers)** | **Radiation Thermometers** |
| Radiometry | Radiometry |
| Radius Gauges | Radius Gauges |
| Range | Range |
| **RCD** | **RCD Testers** |
| RCD Testers | RCD Testers |
| **RCD Testers:** | **RCD Testers** |
| **Real time measurement** | **Time Interval** |
| **Receiver and position gauges, jigs, fixtures** | **Receiver, Position and Profile Gauges, Jigs and Fixtures** |
| **Receiver, gauges, jigs, fixtures**  | **Receiver, Position and Profile Gauges, Jigs and Fixtures** |
| **Receiver, position and profile gauges, jigs and fixtures** | **Receiver, Position and Profile Gauges, Jigs and Fixtures** |
| **Receiver, position and profile gauges, jigs, fixtures**  | **Receiver, Position and Profile Gauges, Jigs and Fixtures** |
| **Reference Junction Compensation** | **Cold Junction Compensation** |
| Relative Humidity | Relative Humidity |
| **Relative humidity instruments** | **Relative Humidity** |
| **Relative humidity meters** | **Relative Humidity** |
| **Relative humidity, calibration by comparison** | **Relative Humidity** |
| RESIDUAL FM | Residual FM |
| RESIDUAL PERFORMANCE AND NOISE | Residual Performance and Noise |
| RESISTANCE | Resistance |
| Resistance Sensors | Resistance Sensors |
| **Resistance thermometer** | **Platinum Resistance Thermometers** |
| **Resistance thermometer simulation** | **PRT Simulation** |
| **Resistance thermometer simulation based upon a PT100** | **Pt100 Simulation** |
| **Resistance thermometers** | **Platinum Resistance Thermometers** |
| **Resistance thermometers and electronic thermometers with indicators** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Resistance thermometers and electronic thermometers with PRT, thermocouple or thermistor sensors** | **Electronic Thermometers with Indicators and Data-Loggers** |
| Reverberation time | Reverberation Time |
| RF ATTENUATION | RF Attenuation |
| **RF BANDWIDTH (oscilloscope calibration)** | **RF Bandwidth** |
| RF Calibration Factor | RF Calibration Factor |
| RF CURRENT PROBES | RF Current Probes |
| **(RF current probe calibration)** | **RF Current** |
| RF INTERMODULATION PRODUCTS | RF Intermodulation Products |
| RF MODULATION | RF Modulation |
| RF POWER | RF Power |
| **RF POWER (millimetric system)** | **RF Power** |
| **RF Power Measurement** | **RF Power** |
| RF VOLTAGE | RF Voltage |
| Right angle and Box Plates | Angle Plates and Box Angle Plates |
| Rise Time | Rise Time |
| Riser blocks | Riser Blocks |
| **Risetime** | **Rise Time** |
| Road measuring wheels | Road Measuring Wheels |
| Rotary tables | Rotary Tables |
| Rotary tables and Angular Encoders  | Rotary Tables and Angular Encoders  |
| ROTATIONAL SPEED | Rotational Speed |
| Roundness | Roundness |
| Roundness measuring machines | Roundness Measuring Machines |
| Roundness reference standards | Roundness Reference Standards |
| RPM (Revolutions per minute) | RPM (Revolutions Per Minute) |
| **Rules** | **Graduated Rules** |

# ISO/IEC 17025 Calibration – Types of evaluation: S – T

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| Previously used schedule term | Converted master term |
| --- | --- |
| SALT CAPSULES | Salt Capsules |
| **Scale** | **Scales** |
| Scales | Scales |
| Screw calliper gauges | Screw Calliper Gauges |
| Screw flank angle | Screw Flank Angle |
| Screw pitch | Screw Pitch |
| Screw plug gauges (parallel) | Screw Plug Gauges (parallel) |
| Screw plug gauges (parallel) including check and setting plugs | Screw Plug Gauges (parallel) including Check and Setting Plugs |
| **Screw plug gauges (parallel) including check and setting plugs diameter, pitch and flank angle** | **Screw Plug Gauges (parallel) including Check and Setting Plugs** |
| Screw plug gauges (parallel) including check and setting plugs | Screw Plug Gauges (parallel) including Check and Setting Plugs |
| Screw plug gauges (taper) | Screw Plug Gauges (taper) |
| Screw plug gauges (taper) including check plugs | Screw Plug Gauges (taper) including Check Plugs |
| **Screw plug gauges (taper) including check plugs but excluding API gauges** | **Screw Plug Gauges (taper) including Check Plugs** |
| Screw ring gauges (parallel) | Screw Ring Gauges (parallel) |
| Screw ring gauges (taper) | Screw Ring Gauges (taper) |
| **Screw ring gauges (taper) - Ground Threads only and excluding API gauges** | **Screw Ring Gauges (taper)** |
| **Screw thread adjustable calliper gauges (parallel)** | **Screw Thread Adjustable Calliper Gauges (parallel)** |
| SERRATION GAUGES STRAIGHT SIDED PLUG AND RING | Serration Gauges Straight Sided Plug and Ring |
| **Sine** | **Sine Bars and Tables** |
| **Sine bars**  | **Sine Bars and Tables** |
| Sine Bars and Tables | Sine Bars and Tables |
| **Sine tables** | **Sine Bars and Tables** |
| **Single channel instruments** | **Pipettes** |
| **Single channel pipettes** | **Pipettes** |
| Slow Damped Oscillatory Wave Characteristics | Slow Damped Oscillatory Wave Characteristics |
| Small step height (recording type) | Small Step Height (recording type) |
| Smoke Meter | Smoke Meter |
| Solid volume standards | Solid volume standards |
| Sound Calibrators | Sound Calibrators |
| SOUND LEVEL METER FILTERS | Sound Level Meter Filters |
| SOUND LEVEL METERS  | Sound Level Meters |
| **SPECTRUM ANALYSER CALIBRATION** | **Spectrum Analyser** |
| SPECTRUM ANALYSIS | Spectrum Analysis |
| SPEED | Speed |
| Spirit levels | Spirit levels |
| SPLINE GAUGES, INVOLUTE SPUR/HELICAL EXTERNAL/INTERNAL | Spline Gauges, Involute Spur/Helical External/Internal |
| SPLINE GAUGES, STRAIGHT SIDED PLUG AND RING | Spline Gauges, Straight Sided Plug and Ring |
| **Square** | **Squares** |
| Squares | Squares |
| **Stage Micrometers** | **Micrometer** |
| **Steel rules** | **Graduated Rules** |
| Step Gauges | Step Gauges |
| Straight edges | Straight Edges |
| **Straightedge** | **Straight edges** |
| **Straightedges** | **Straight edges** |
| Straightness | Straightness |
| Sulphur dioxide (SO2) in air | Sulphur dioxide (SO2) in Air |
| **Surface plate Granite and Cast iron** | **Surface Plates and Tables** |
| **Surface Plates** | **Surface Plates and Tables** |
| **Surface texture** | **Surface Texture** |
| Surface texture (excluding measurement standards and roughness comparison specimens) | Surface Texture (excluding measurement standards and roughness comparison specimens) |
| Surface texture measurement standards | Surface Texture Measurement Standards |
| Surface texture measuring machines | Surface Texture Measuring Machines |
| Surface texture of Gauges (excluding surface texture standards) | Surface Texture of Gauges (excluding surface texture standards) |
| Surge discharge characteristics | Surge Discharge Characteristics |
| SURGE PULSE CHARACTERISTICS | Surge Pulse Characteristics |
| Tachometers (Optical) | Tachometers (Optical) |
| Talyrond precision cylinder | Talyrond Precision Cylinder |
| Taper diameter measuring machines | Taper Diameter Measuring Machines |
| Tapes, measuring (pocket, precision and pi) | Tapes, Measuring (pocket, precision and pi) |
| Tapping Machines | Tapping Machines |
| **Tapping machines:** | **Tapping Machines** |
| Temperature | Temperature |
| **Temperature by Electrical Simulation** | **Electrical Temperature Simulation** |
| **Temperature controlled chambers/ovens, fridges/refrigerators, freezers and baths** | **Temperature Controlled Chambers** |
| **Temperature controlled heat blocks** | **Temperature Controlled Chambers** |
| **Temperature controlled ovens, environmental chambers, fridges/refrigerators, freezers (inclusive of associated indicators, controllers and recorders, all with sensors, within the specified parameters and ranges)** | **Temperature Controlled Chambers** |
| **Temperature controlled ovens/chambers, fridges/refrigerators and freezers** | **Temperature Controlled Chambers** |
| **Temperature controlled ovens/chambers/furnaces** | **Temperature Controlled Chambers** |
| **Temperature controlled, incubators, ovens, environmental chambers, fridges/refrigerators, freezers and liquid baths.** | **Temperature Controlled Chambers** |
| **Temperature controlled, ovens, environmental chambers, fridges and freezers.** | **Temperature Controlled Chambers** |
| **Temperature Data loggers, Electronic Temperature Indicators and Recorders** | **Electronic Thermometers with Indicators and Data-Loggers** |
| Temperature in air | Temperature in Air |
| **Temperature Indicator and recorder with temperature Sensor** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature indicator calibration**  | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature Indicators and probes** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature indicators and recorders with temperature sensor(s) – resistance** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature indicators and recorders with temperature sensors** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature indicators and recorders, load probes and monitoring thermometers. Autoclaves oven, liquid baths, freezers fridges etc** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature indicators and recorders, calibration by electrical simulation** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature indicators and recorders, with temperature sensor(s)** | **Electrical Temperature Simulation** |
| **TEMPERATURE INDICATORS AND SIMULATORS** | **Electrical Temperature Simulation** |
| **Temperature indicators and simulators (thermocouple type), calibration by electrical simulation** | **Electrical Temperature Simulation** |
| **Temperature indicators and simulators (thermocouple type), calibration by electrical simulation:** | **Electrical Temperature Simulation** |
| **Temperature Indicators and simulators, calibration by electrical simulation** | **Electrical Temperature Simulation** |
| **Temperature indicators and simulators, calibration by electrical simulation, for the following sensor types:** | **Electrical Temperature Simulation** |
| **Temperature indicators and simulators: Calibration by electrical simulation** | **Electrical Temperature Simulation** |
| **Temperature indicators, calibration by electrical simulation** | **Electrical Temperature Simulation** |
| **Temperature loggers with integral probes** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature probes built into centrifuges** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature probes in air and Temperature probes associated with hygrometers** | **Electronic Thermometers with Indicators and Data-Loggers** |
| Temperature Profiling | Temperature Profiling |
| **Temperature sensors in air** | **Temperature in Air** |
| **Temperature sensors with indicators** | **Electronic Thermometers with Indicators and Data-Loggers** |
| **Temperature simulation** | **Electrical Temperature Simulation** |
| **Temperature simulators, calibration by electrical simulation** | **Electrical Temperature Simulation** |
| **Temperature surveys**  | **Temperature Controlled Chambers** |
| TEST BLOCKS | Test Blocks |
| Thermal Anemometers | Thermal Anemometers |
| **Thermocouple CJC** | **Thermocouple Reference Junction** |
| **Thermocouple CJC at ambient** | **Thermocouple Reference Junction** |
| Thermocouple Simulation | Thermocouple Simulation |
| **Thermocouple Simulation Type B** | **Thermocouple Simulation** |
| **Thermocouple Simulation Type E** | **Thermocouple Simulation** |
| **Thermocouple Simulation Type J** | **Thermocouple Simulation** |
| **Thermocouple Simulation Type K** | **Thermocouple Simulation** |
| **Thermocouple Simulation Type N** | **Thermocouple Simulation** |
| **Thermocouple Simulation Type R** | **Thermocouple Simulation** |
| **Thermocouple Simulation Type S** | **Thermocouple Simulation** |
| **Thermocouple Simulation Type T** | **Thermocouple Simulation** |
| **Thermocouple type** | **Thermocouples** |
| Thermocouples | Thermocouples |
| **Thermocouples:** | **Thermocouples** |
| **Thermometer** | **Liquid in Glass Thermometers** |
| **Thread diameter measuring** | **Thread Diameter Measuring Machines** |
| Thread measuring cylinders | Thread Measuring Cylinders |
| Thread pitch profile gauges | Thread Pitch Profile Gauges |
| **TIME** | **Time Interval**  |
| TIME INTERVAL | Time Interval  |
| **Time Interval calibration by comparison** | **Time Interval**  |
| Time Markers | Time Markers |
| Timers | Timers |
| Toolmakers Microscopes | Toolmakers Microscopes |
| Torque Beam Radius | Torque Beam Radius |
| Torque measuring devices | Torque measuring devices |
| Torque Multiplying Gearboxes | Torque Multiplying Gearboxes |
| Torque Wrenches (Including Drivers) | Torque Wrenches (Including Drivers) |
| **Torque Wrenches and Torque Drivers** | **Torque Wrenches (Including Drivers)** |
| TORSION TESTING MACHINES | Torsion Testing Machines |
| TRANSITION TIME | Transition Time |
| **TRANSITION TIME (pulse waveforms)** | **Transition Time** |
| Transmission Phase (-180°to +180°) | Transmission Phase (-180°to +180°) |
| TRRL Rolling Straightedge | TRRL Rolling Straightedge |

# ISO/IEC 17025 Calibration – Types of evaluation: U – Z

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| Previously used schedule term | Converted master term |
| --- | --- |
| Ultrasonic Flaw Detection Equipment  | Ultrasonic Flaw Detection Equipment  |
| ULTRASONIC PROBES: | Ultrasonic Probes |
| ULTRASONIC THICKNESS MEASURING EQUIPMENT | Ultrasonic Thickness Measuring Equipment |
| UNIVERSAL MATERIAL TESTING MACHINES | Universal Materials Testing Machines |
| **Universal microscopes** | **Microscopes** |
| **UNIVERSAL TESTING MACHINES**  | **Universal Materials Testing Machines** |
| **UNIVERSALS TESTING MACHINES** | **Universal Materials Testing Machines** |
| **using PRT sensors** | **Platinum Resistance Thermometers** |
| **using thermocouples** | **Thermocouples** |
| Vane Anemometers | Vane Anemometers |
| VECTOR NETWORK ANALYSIS | Vector Network Analysis |
| Vee blocks | Vee blocks |
| Verification of Brinell ball indenters | Verification of Brinell Ball Indenters |
| VERIFICATION OF HARDNESS MACHINES IN SERVICE | Hardness Testing Machines in Service |
| Verification of Rockwell ball indenters | Verification of Rockwell Ball Indenters |
| Vernier | Vernier |
| **Vernier / Digital / Dial gauges** | **Vernier** |
| **Vernier dial and digital type gauges** | **Vernier** |
| **Vernier gauges** | **Vernier** |
| **Vernier gauges (inc. digital and dial)** | **Vernier** |
| **Vernier type gauges including dial and digital** | **Vernier** |
| **Vernier, dial and digital type gauges** | **Vernier** |
| **Vernier, Digital and Dial Gauges** | **Vernier** |
| Viscosity Reference Standards | Viscosity Reference Standards |
| VOLTAGE | Voltage |
| Voltage dips and interrupts characteristics | Voltage Dips and Interrupts Characteristics |
| VOLTAGE DIPS, SHORT INTERRUPTIONS,VOLTAGE VARIATIONS GENERATORS | Voltage Dips, Short Interruptions, Voltage Variations Generators |
| **VOLTAGE DIPS, SHORT INTERRUPTIONS; VOLTAGE VARIATIONS GENERATORS**  | **Voltage Dips, Short Interruptions, Voltage Variations Generators** |
| VOLTAGE REFLECTION COEFFICIENT | Voltage Reflection Coefficient |
| **VOLTAGE REFLECTION COEFFICIENT (Phase)** | **Voltage Reflection Coefficient** |
| **VOLTAGE REFLECTION COEFFICIENT (Real, imaginary and magnitude)** | **Voltage Reflection Coefficient** |
| **VOLTAGE REFLECTION COEFFICIENT PHASE, 0° to ±180°** | **Voltage Reflection Coefficient** |
| **VOLTAGE TRANSMISSION COEFFICIENT MAGNITUDE** | **Voltage Transmission Coefficient Magnitude** |
| **Volume Flow - Air** | **Flow** |
| **Volume Flow-rate** | **Volume Flow Rate** |
| Volume passed | Volume Passed |
| Volumetric Flow rate | Volume Flow Rate |
| Volumetric measures and pipe provers | Volumetric Measures and Pipe Provers |
| VSWR | VSWR |
| VSWR (of precision airlines) | VSWR of Precision Airlines |
| Water density | Water Density |
| Water flow | Water Flow |
| **Water Quantity and Flowrate (Mass and volume)** | **Water Flow** |
| WATTMETER CALIBRATION SYSTEM | Wattmeter Calibration System |
| Weights and artefacts | Weights and Artefacts |
| **Weights and artefacts Performed using Borda’s Substitution Method** | **Weights and Artefacts** |
| Wideband Voltage | Wideband Voltage |
| **Wrenches and Screwdrivers** | **Torque Wrenches (Including Drivers)** |
| ZERO CHECKS | Zero Checks |
| α-particle reference sources | α-Particle Reference Sources |
| β-particle reference sources | β-Particle Reference Sources |