TCs/SCs projects

TC 1 - Terminology
p2: Revision of V1 (VIML) R 1

TC 3 - Metrological control
p1: Revision of R 34: Accuracy classes of measuring instruments. R 34
p2: Revision D 3: Legal qualification of measuring instruments. D 3
p5: Revision R 42: Metal stamps for verification officers. R 42
p6: Revision of D 1 D 1

TC 3/SC 1 - Pattern Approval and verification
p1: Revision D 19: Pattern evaluation and pattern approval. D 19
p2: Revision D 20: Initial and subsequent verification of measuring instruments and processes. D 20
p4: Revision D 13: Guidelines for bi- or multilateral arrangements on the recognition of: test results - pattern approvals - verifications.

TC 3/SC 2 - Metrological supervision
p5: Revision D 16: Principles of assurance of metrological control D 16

TC 3/SC 4 - Application of statistical methods
p1: Surveillance of utility meters in service on the basis of sampling inspections High priority

TC 3/SC 5 - Conformity assessment
p2: Expression of uncertainty in measurement in legal metrology applications High priority
p7: Revision of B3 OIML Certificate System for Measuring Instruments R 3
p8: Revision of B 10-1 Framework for a Mutual Acceptance Arrangement on OIML Type Evaluations (MAA) R 10
p10: Guide for the application of ISO/IEC 17021 to the assessment of quality system certification bodies in the field of legal metrology
p11: Guide for the application of ISO 9001 to legal metrology controls

TC 4 - Measurement standards and calibration and verification devices
p1: Principles for the selection and expression of metrological characteristics of standards and devices used for calibration and verification
p2: Revision D 5: Principles for the establishment of hierarchy schemes for measuring instruments D 5
p5: Revision D 10: Guidelines for the determination of recalibration intervals of measuring equipment used in testing laboratories D 10
p6: Revision D 23: Principles for metrological control of equipment used for verification D 23
p7: Measurement Standards. Choice, recognition, use, conservation and documentation D 8

TC 5 - General requirements for measuring instruments

TC 5/SC 1 - Environmental conditions
p1: Revision of D 11 "General requirements for electronic measuring instruments" D 11
Note: during its 43rd Meeting, the CIML decided to change the name and the scope of TC 5/SC 1 and therefore, to extend the scope of D 11.

TC 5/SC 2 - Software
p2: New project "Methods and means for Verification"

TC 6 - Prepackaged products
p1: OIML certificate for prepackaged goods
p2: Revision of R 79 "Labeling requirements for prepackaged products" R 79
p3: Revision R 87 "Quantity of product in Prepackages" R 87
p4: Methods for determining the quantity of product in prepackages

TC 7 - Measuring instruments for length and associated quantities
p1: Revision R 35-1: Material measures of length for general use R 35 Priority
p2: Test methods to revised R 35-1
p3: Test Report Format to revised R 35-1

TC 7/SC 1 - Measuring instruments for length
p2: Revision R 66: Length measuring instruments R 66

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TCs/SCs projects

TC 7/SC 3 - Measurement of areas

TC 7/SC 4 - Measuring instruments for road traffic
  p1: Taximeters systems
  p2: Revision of R 55: Speedometers, mechanical odometers and chronotachographs for motor vehicles
  p3: Revision of R 91: Radar equipment for the measurement of the speed of vehicles

TC 7/SC 5 - Dimensional measuring instruments
  p1: Revision R 129: Multi-dimensional measuring instrument

TC 8 - Measurement of quantities of fluids
  p2: Test report format for vessels
  p3: Combined revision of R 40, R 41 & R 43 on standard volumetric measures
  p4: Test report format for standard volumetric measures
  p5: Revision of R 63 "Petroleum measurement tables"
  p6: Revision R 119 "Pipe provers"

TC 8/SC 1 - Static volume and mass measurement
  p1: Revision R 80 (Part 1: Technical and metrological requirements)
  p2: Installations for gauging road and rail tankers
  p4: Revision R 85 (Part 1 Metrological and technical requirements - Tests; Part 2 Metrological control; Part 3 Test report format)
  p5: Revision R 95
  p6: Revision R 80 (Part. 2: Metrological control and tests, Part 3: Test Report Format)

TC 8/SC 3 - Dynamic volume and mass measurement (liquids other than water)
  p2: R 117-2: Measuring systems for liquids other than water - Part 2: Test methods.

TC 8/SC 5 - Water meters
  p1: Certificate transformation requirements for R 49
  p2: Revision of R 49-1, R 49-2, R 49-3
  p3: Revision of D 7
  An informal working-group is studying the opportunity to revise OIML D 7

TC 8/SC 6 - Measurement of cryogenic liquids
  p1: Revision of OIML R 81

TC 8/SC 7 - Gas metering
  p3: R 137-2: Gas meters - Part 2 Test methods
  p4: Revision of OIML R 139 Compressed gaseous fuels measuring systems for vehicles

TC 9 - Instruments for measuring mass and density
  p1: Revision of R 60 "Metrological Regulation for Load Cells"

TC 9/SC 1 - Nonautomatic weighing instruments

TC 9/SC 2 - Automatic weighing instruments
  p3: Revision of R 106 Parts 1 and 2
  p6: Automatic instruments for weighing road vehicles in motion and axle load measuring. Part 2 - Test report format (Revision R 134-2)
  p7: Revision of R 50. Part 1
  p8: Revision of R 61 2004E - Automatic Gravimetric Filling Instruments

TC 9/SC 3 - Weights

TC 9/SC 4 - Densities
  p2: Revision R 22: International alcoholometric tables
  p3: Hierarchy scheme for density-measuring instruments
TCs/SCs projects

TC 10 - Instruments for measuring pressure, force and associated quantities
  p1: Revision R 23: Tire pressure gauges for motor vehicles

TC 10/SC 1 - Pressure balances
  p1: Pressure transducers with (4-20) mA or (10-50) mA output signal

TC 10/SC 2 - Pressure gauges with elastic sensing elements
  p1: Pressure gauges with elastic sensing elements
  p2: Revision R101: Indicating and recording pressure gauges, vacuum gauges and pressure-vacuum gauges with elastic sensing elements (ordinary instruments).
  p3: Revision R 109: Pressure gauges and vacuum gauges with elastic sensing elements (standard instruments).

TC 10/SC 3 - Barometers
  p1: Revision R 97: Barometers

TC 10/SC 4 - Material testing machines
  p2: Draft Recommendation "Requirements for force measuring instruments for verifying material testing machines"

TC 11 - Instruments for measuring temperature and associated quantities

TC 11/SC 1 - Resistance thermometers

TC 11/SC 2 - Contact thermometers
  p2: Document "Standardized thermocouples".

TC 11/SC 3 - Radiation thermometers
  p3: Standard black body radiator for the temperature range from -50°C to 2500°C
  p5: Revision of R 18

TC 12 - Instruments for measuring electrical quantities
  p1: Revision R 46: Active electrical energy meters for direct connection of class 2.
  p2: Verification of watthour meters

TC 13 - Measuring instruments for acoustics and vibration
  p2: Revision R 103: Measuring instrumentation for human response to vibration.
  p3: Revision R 102: Sound calibrators (including Annex A)
  p4: Revision R 104: Pure-tone audiometers
  p5: Combined revision of R 58 + R 88: Connected with the ongoing revision of IEC 61672 Sound level meters.

TC 14 - Measuring instruments used for optics

TC 15 - Measuring instruments for ionizing radiations

TC 15/SC 1 - Measuring instruments for ionizing radiations used in medical applications
  p1: Measurement of radionuclides pollution
  p2: Reference dosimetry system for ionizing radiation processing
  p3: Radiation protection dosimetry for area monitoring
  p4: Dosimeters and dose-rate meters of beta-radiation for application in therapy.

TC 15/SC 2 - Measuring instruments for ionizing radiations used in industrial processes

TC 16 - Instruments for measuring pollutants

TC 16/SC 1 - Air pollution
  p1: (combined projects p1 and p3) Continuous measuring instruments for CO and NOx emissions
TCs/SCs projects

p3: Continuing measuring instruments for CO emissions

 TC 16/SC 2 - Water pollution
p2: Revision R 100: Atomic absorption spectrometer systems for measuring metal pollutants in water. Priority

 TC 16/SC 3 - Pesticides and other pollutant toxic substances
p2: Revision R 112: High performance liquid chromatographs for measurement of pesticides and other toxic substance.

 TC 16/SC 4 - Field measurements of hazardous (toxic) pollutants
p1: Guide to air sampling devices for toxic chemical pollutants at hazardous waste sites.
p2: FTIR (Fourier transform infrared) spectrometers for measurement of air pollutants

 TC 17 - Instruments for physico-chemical measurements

 TC 17/SC 1 - Humidity
p1: Revision R 59: Moisture meters for cereal grains and oilseeds.

 TC 17/SC 2 - Saccharimetry
p1: Revision R 108: Refractometers for the measurement of the sugar content of fruit juices.
p2: Automatic refractometers. Methods and means of verification.

 TC 17/SC 3 - pH-metry
p1: Revision R 54: pH scale for aqueous solutions
p2: Method of carrying out pH-measurements and certification methods of solution for verification of pH-meters.

 TC 17/SC 4 - Conductometry
p1: Revision R 56: Standard solutions reproducing the conductivity of electrolytes
p1: -1: “Traceability of electrolytic conductivity measurements results” (preliminary title of IR)
p2: Revision R 68: Calibration method for conductivity cells
p3: Methods of measurement of the conductivity of electrolytic solutions (combined with p2)

 TC 17/SC 5 - Viscosimetry
p1: Reference standard liquids (Newtonian viscosity standard for the calibration and verification of viscometers)

 TC 17/SC 6 - Gas analysis

 TC 17/SC 7 - Breath testers
p1: Revision R 126: Evidential breath analysers.
p2: Test procedures and test report format for the evaluation of portable breath testers used in open air (Annexes to R 126).

 TC 17/SC 8 - Instruments for quality analysis of agricultural products
p1: Measuring instruments used for protein determination in grains

 TC 18 - Medical measuring instruments
p1: Ophthalmic instruments - Impression and applanation tonometers.

 TC 18/SC 1 - Blood pressure instruments
p1: Revision of "None-invasive mechanical sphygmanometers", OIML R 16-1 R 16

 TC 18/SC 2 - Medical thermometers
p1: Revision R 7: Clinical thermometers, mercury-in-glass with maximum device.
p2: Clinical infrared ear thermometers

 TC 18/SC 4 - Bio-electrical instruments
p1: Electrodes for electrocardiographs and electroencephalographs - Methods and means for verification.
p2: Electrocardioscopes - Metrological characteristics - Methods and means for verification.

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TCs/SCs projects

p3: Digital electrocardiographs and electrocardioscopes - Metrological characteristics - Methods and means for verification.
p4: Revision R 90: Electrocardiographs including Test report format 'developed earlier')..
p6: Revision R 89: Electroencephalographs - Metrological characteristics - Methods and equipment for verification.

TC 18/SC 5 - Measuring instruments for medical laboratories

p1: Electronic blood cell counting chambers.
p4: Revision R 26: Medical syringes.