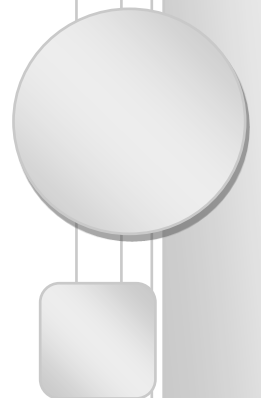




STANDARDS ACTION PLAN

Vol.2, No. 2, March 20, 2021,



INTRODUCTION

The Afghanistan National Standards Authority (ANSA) is the national standards organization of the Islamic Republic of Afghanistan.

The technical standards work of ANSA is carried out by technical committees convened under technical departments. The outcome of these technical committees gathering and approving technical standards are often in print in Afghanistan national standards Magazine. The standardization action plan comprehends the list of all anticipated standers that are being in progress and presumed to be published when clinched twice in a year.

ANSA policy covers adoption of national, regional and international standards when founded useful and appropriate to Afghanistan contingent status quo. A complete list of approved standards are found in ANSA's Magazine "National Standards Catalogue" issued quarterly comprising a new issued standers supplementing standards database.

During standard recognition process, the document should move through several stages in order to be recognized or be approved standard at National level. The procedure for standard recognition is developed in a way to ensure its recognition and make it tolerable to all interested parties.

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HOW TO USE THIS PUBLICATION

Standards projects

Technical committees are the decision-making boards in order to establish standards at National level. The sequential order of the committees has been provided below which starts from C-2 to C-12. The subsequent list wills categories different standards in numerical order.

Stage

To allow systematic monitoring of standards establishment the subsequent important steps shall be involved and be taken into consideration.

Stages of Afghanistan Standards development:

Proposal Stage

Items to be proposed for, to be a new standard

Preparatory Stage

Preliminary draft preparation

Committee Stage

Draft sharing with Technical committees and initiating technical work.

Enquiry Stage

Technical committee work/ final draft are handed to ANSA's Standards Supreme Council (SSC) affair department to submit for SSC's reviews and comments.

Approval Stage

During this stage the final draft of Afghanistan standard is circulated to all members of Standard Supreme Council after observation in case of no comments the result is known as national standards.

Publication Stage

The standard goes for publication when receives ANSA Supreme council approval.

ANSA Technical Committees List

Number	Technical Committee Name	TC NO
1	Quality Management System Standards Committee	TC2
2	Food & Agriculture Products Standards Committee	TC3
3	Pharmaceutical & Cosmetics Standards Committee	TC4
4	Construction Materials Standards Committee	TC5
5	Petroleum Products Standards Committee	TC6
6	Electricity Standards Committee	TC8
7	Textile Standards Committee	TC9
8	Metrology Standards Committee	TC10
9	Environmental Standards Committee	TC14
10	Mine Clearance Standards Committee	TC16
11	Plastic & Chemical Standards Committee	TC17
12	Building Codes Committees	TC11
13	Health and medical equipment standards committee	TC 18

TC-2 Quality Management Department

NO	Standards	Stage	Reference
1	Medical laboratories – Requirements for quality and competence	Approved	ISO 15189:2012
2	Medical laboratories – Reduction of error through risk management and continual improvement	Approved	ISO/TS 22367:2008
3	Codes for the representation name of countries and their subdivisions, Part 1: Country Codes	Approved	ISO 3166-1:2013
4	Codes for the representation name of countries and their subdivisions, Part 2: Country subdivision Code	Approved	ISO 3166-2:2013
5	Codes for the representation name of countries and their subdivisions, Part 3: Code for formerly used names of countries	Approved	ISO 3166-3:2013
6	Energy management systems – Requirements with guidance for use	Approved	ISO 50001:2011
7	Point of care testing (POCT) – Requirements for quality and competence	Approved	ISO 22870:2006
8	Food safety management systems – Requirements for any organization in the food chain	Approved	ISO 22000:2005
9	Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems	Approved	ISO/TS 22003:2013
10	Food safety management systems – Guidance on the application of ISO 22000:2005	Approved	ISO/TS 22004:2005
11	Occupational health and safety management systems – Requirements	Approved	OHSAS 18001:2007
12	Occupational health and safety management systems – Guidelines for the implementation of OHSAS 18001:2007	Approved	OHSAS 18002:2008
13	Quality Management Systems – Requirements (Revision 2015)	Approved	ISO 9001:2015
14	Conformity assessment – Guidelines for determining the duration of management system certification audits	Approval	INSO 17892:2014
15	Project Management – Guidance	Approval	INSO 17465:2014
16	Quality Management – Customer Satisfaction – Guidelines for business – to – consumer electronic commerce transactions	Approval	INSO 17464:2014
17	Conformity assessment – Confidentiality – Principles and Requirements	Approval	INSO 17467:2014
18	Standard Practice for Performing and Reporting Cost Analysis During the Design Phase of a Project	Approval	INSO 17858:2014
19	Conformity Assessment – Disclosure of information – Principles and Requirements	Approval	INSO 17468:2014
20	Conformity Assessment – Complaints and Appeals – Principles and Requirements	Approval	INSO 17466:2014
21	Risk Management – Risk assessment techniques	Approval	INSO 14560

22	Guidelines For Bodies Providing Halal Certification	Approval	INSO 19529:2015
23	Guidelines for the Halal Accreditation Body Accrediting Halal Certification Bodies	Approval	INSO 19116:2015
24	Asset Management – Management systems – Requirements	Approval	INSO – ISO 55001
25	Risk management – Vocabulary	Approval	ISIRI 12346
26	Conformity Assessment – Vocabulary related to competence of persons used for certification of persons	Approval	INSO – ISO – IEC 17027
27	Human Resource Management – Recruitment – Guidelines	Approval	INSO 17601:2018
28	Conformity assessment — Requirements for bodies providing audit and certification of management systems Part 5: Competence requirements for auditing and certification of Asset management systems	Approval	ISO/IEC TS 17021 – 5 :2014
29	Conformity assessment — Requirements for bodies providing audit and certification of management systems Part 6: Competence requirements for auditing and certification of business continuity management systems	Committee	ISO / IEC TS 17021-6 :2014
30	Asset Management – Overview, Principles and Terminology	preparatory	INSO – ISO 55000:2015

TC-3 Food and Agricultural Products' Technical Committee

NO	Standards	Stage	Reference
1	Codex Standard For Pickled Fruits and Vegetable	Approved	CODEX-STAN 260-2007
2	Standard for table olives	Approved	Codex STAN 66-1981
3	Edible egg	Approved	ISIRI-219-2007
4	Hatching egg	Approved	ISIRI-220-2017
5	Biscuit	Approval	ISRI-37:2007
6	maize (corn)	Approval	CXS 153-1985
7	Doogh	preparatory	CXS 332R-2018
Test methods			
1	Determination of Antimony	Approval	ISO 17294-2
2	Determination of Arsenic	Approval	ISO 15586 and ISO 11969
3	Determination of Barium	Approval	ISO 11885
4	Determination of Borate	Approval	9390

5	Determination of Cadmium	Approval	ISO 5961 (Section 3)
6	Determination of Chromium	Approval	ISO 18412 (Cr VI), ISO 23913 (Cr VI) and ISO
			9174 (Section 4)
7	Determination of Copper	Approval	ISO 8288
8	Determination of Cyanide	Approval	ISO 14403 and ISO 6703-1
9	Determination of Fluoride	Approval	ISO 10304-1, ISO 10359-1 (dissolved fluoride), ISO 10359-2 (inorganic bound)
10	Determination of Mercury	Approval	ISO 17852
11	Determination of Nitrate	Approval	ISO 10304-1
12	Determination of Nitrite	Approval	ISO 13395
13	Determination of Selenium	Approval	ISO 9965
14	Determination of Surface active agents	Approval	ISO 16265
15	Determination of Mineral oil (hydrocarbon index)	Approval	ISO 9377-2
16	Determination of PAH	Approval	ISO 17993, ISO 7981-1 and ISO 7981-2
17	Durum wheat semolina and durum wheat flour: Determination of Moisture	Approval	ISO 712- ICC 110/1

TC -4 Pharmaceutical and cosmetics technical committee

NO	Standards	stage	reference
1	Infusion equipment for medical use- part 1: infusion glass bottles	Approved	ISO 8536-1
2	Infusion equipment for medical use – part 2: closures for infusion	Approved	ISO 8536-2
3	Infusion equipment for medical use- part 3 aluminum caps for infusion bottles	Approved	ISO 8536-3
4	Infusion equipment for medical use – part 4 burette infusion sets for single use, gravity feed	Approved	ISO 8536-4
5	Infusion equipment for medical use- part 5 burette infusion sets for single use, gravity feed	Approved	ISO 8536-5
6	Infusion equipment for medical use- part 6 infusion sets for single use, gravity feed	Inquiry	ISO 8536-6

TC-5 Construction Technical committee

1	Abrasion resistance of dimension stone subjected to foot traffic	Approved	ASTM C241/C241M
2	Absorption and bulk specific gravity of dimension stone	Approved	ASTM C97/C97
3	Standard Specification for hot-mixed, hot-laid Bituminous paving Mixtures	Approved	ASTM D3515
4	Standard Specification for structural steel shapes	Approval	ASTM A992/A992M-11 Reapproved 2015
5	Standard Specification for Steel Sheet Piling	Approval	ASTM A328/A 328M
6	Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete	Approved	ASTM C869
	Standard Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam	Approved	ASTM C 796
7	Standard Specification for Expanded polystyrene (EPS) Thermal Insulation Boards for Use in Exterior Insulation and Finish Systems(EIFS)	Approved	ASTM E2430/E2430M
8	Standard specification for light weight aggregates for insulating concrete	Approval	ASTM C332-17
9	Significance of tests and properties of concrete and concrete-making materials STP 169D	Approved	STP 169D
10	Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete	Approved	ASTM C 138
11	Standard Practice for Sampling Freshly Mixed Concrete	Approved	ASTM C 172
12	Standard Test Method for Air Content of Freshly Mixed Concrete By the Volumetric Method	Approved	ASTM C 173
13	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method	Approved	ASTM C 231
14	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete	Approved	ASTM C 1064
15	Standard specification for resilient connectors between reinforced concrete manhole structures, pipes, and laterals(Metric)	Approval	ASTM C 923
16	Standard Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe	Approval	ASTM C 985
17	Standard specification for ground calcium carbonate aggregate mineral fillers for use in hydraulic cement concrete	Approval	ASTM F 2589
18	ROCK CLASSIFICATION SYSTEMS FOR ENGINEERING PURPOSES	committee	STP 984
19	Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals (Metric)	committee	ASTM C 923
20	Standard Specification for Ground Calcium Carbonate and Aggregate Mineral Fillers for use in Hydraulic Cement Concrete	committee	ASTM C 1797
21	Standard Specification for Ornamental Fences Employing Steel Tubular Pickets	committee	ASTM F 2589

22	Remote Sensing and GIS for Site Characterization--Applications and Standards,	Reject from committee	STP 1297
23	GEOTECHNICAL APPLICATIONS OF REMOTE SENSING AND REMOTE DATA TRANSMISSION	Reject from committee	STP 967
24	Standard specification for Quartz-Based Dimension Stone	Proposal	ASTM C616/C616M
25	White Cement - Specifications and Conformity Criteria	Approved	UNE 80305 INSO 2931
26	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)	Approved	C109/C109M – 16a
27	Standard Test Methods for Chemical Analysis of Hydraulic Cement ¹	Approved	ASTM C 114-2015
28	Standard Test Method for Autoclave Expansion of Hydraulic Cement	Approved	ASTM C151/C151M
29	Standard Test Method for Thermogravimetric Analysis of Hydraulic Cement	Approved	ASTM C1872
30	Standard Test Method for Density Of Hydraulic Cement	Approved	ASTM C188 – 2017
31	Standard Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle	Approved	ASTM C191 – 18a
32	Standard Test Methods for Fineness of Hydraulic Cement by Air-Permeability Apparatus	Approved	ASTM C204 – 18a
33	Standard Test Method for Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	Approved	ASTM C430-2017
34	Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)	Proposal	ASTM C 62 - 17
35	Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)	Proposal	D2487 – 17'1
36	Standard Specification for Portland Cement ¹	Proposal for review	ASTM C150
37	Lime and Limestone- Sampling, Sample Preparation, Packaging, and Marking - Code of Practice	Proposal	ASTN C50/C50M-2019
38	Standard Specification for Quick lime for Structural purposes	Proposal	ASTM C5:2010

TC-6 Petroleum Products Technical Committee

NO	Standard	Stage	Reference
1	Standard Specification for Performance of Manual Transmission Gear Lubricants	Approval	ASTMD 5760
2	Standard Test Method for Evaluating the Thermal Stability of Manual Transmission Lubricants in a Cyclic Durability Test	Approval	ASTM D5579
3	Standard Test Method for Determining Automotive Gear Oil Compatibility with Typical Oil Seal Elastomers	Approval	ASTM D5662
4	Minimum requirements for the content of the user manual for automotive LPG	Approved	ISIRI 12020
5	standard for Equipment of motor vehicle using liquefied petroleum gas(LPG): Flexible hoses with coupling	Approval	ISIRI-4264-18
6	standard for Equipment of motor vehicle using liquefied petroleum gas(LPG): Fuel rail	Approval	ISIRI-4264-23
7	Crude petroleum. General Specification	Approved	GOST 51858
8	Standard Test Method for Salts in Crude Oil (Electrometric Method)	Approved	D3230
9	Standard Test Method for Water in Crude Oil by Distillation	Approved	D4006
10	Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry	Approved	D4294
11	Standard Test Method for Determination of Organic Chloride Content in Crude Oil	Approved	D4929
12	Standard Test Method for Density and Relative Density of Crude Oils by Digital Density Analyzer	Approved	D5002
13	Standard Specification for Mineral Insulating Oil use in Electrical Apparatus	Approval	ASTMD 3487
14	Standard Test Method for Saybolt Viscosity	Approval	ASTM D88
15	Standard Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents	Approval	D611
16	Standard Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids	Approval	D924
17	Standard Test Method for Interfacial Tension of Oil Against Water by the Ring Method	Approval	D971
18	Standard Test Method for Corrosive Sulfur in Electrical Insulating Liquids	Approval	D1275
19	Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)	Approval	D1500
20	Standard Test Method for Visual Examination of Used Electrical Insulating Liquids in the Field	Approval	D1524
21	Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration	Approval	D1533
	Standard Test Method for Dielectric Breakdown Voltage of Insulating	Approval	D1816

22	Liquids Using VDE Electrodes		
23	Standard Practice for Determining the Coefficient of Thermal Expansion of Electrical Insulating Liquids of Petroleum Origin, and Askarels	Approval	D1903
24	Standard Test Method for Oxidation Stability of Inhibited Mineral Insulating Oil by Pressure Vessel	Approval	D2112
25	Standard Test Method for Gassing of Electrical Insulating Liquids Under Electrical Stress and Ionization (Modified Pirelli Method)	Approval	D2300
26	Standard Test Method for Oxidation Stability of Mineral Insulating Oil	Approval	D2440
27	Standard Test Method for 2,6-di-tert-Butyl- p-Cresol and 2,6-di-tert-Butyl Phenol in Electrical Insulating Oil by Infrared Absorption	Approval	D2668
28	Standard Test Method for Thermal Conductivity of Liquids	Approval	D2717
29	Standard Test Method for Specific Heat of Liquids and Solids	Approval	D2766
30	Standard Test Method for Dielectric Breakdown Voltage of Insulating Oils of Petroleum Origin Under Impulse Conditions	Approval	D3300
31 32	Standard Test Method for Analysis of Polychlorinated Biphenyls in Insulating Liquids by Gas Chromatography	Approval	D4059
33	Standard Test Method for Analysis of 2,6-Ditertiary-Butyl Para-Cresol and 2,6-Ditertiary-Butyl Phenol in Insulating Liquids by Gas Chromatography	Approval	D4768
34	Standard Test Method for Furanic Compounds in Electrical Insulating Liquids by High Performance Liquid Chromatography (HPLC)	Approval	D5837
35	Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes	Approval	D877/D877M – 13
36	Standard Specification for Performance of Active API Service Category Engine Oils	Approval	ASTMD 4484
37	Standard Test Method for Sulfated Ash from Lubricating Oils and Additives	Approval	D874
38	Standard Test Method for Rubber Property—Durometer Hardness	Approval	D2240
39	Standard Test Method for Determination of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature	Approval	D4684
40	Standard Test Method for Measuring Viscosity at High Temperature and High Shear Rate by Tapered-Plug Viscometer	Approval	D4741
41	Standard Test Method for Determination of Additive Elements in Lubricating Oils by Inductively Coupled Plasma Atomic Emission Spectrometry	Approval	D4951
42	Standard Test Method for Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)	Approval	D5185
	Standard Test Method for Apparent Viscosity of Engine Oils and Base	Approval	D5293

43	Stocks Between –10 °C and –35 °C Using Cold-Cranking Simulator		
44	Standard Test Method for Measuring Apparent Viscosity at High-Temperature and High-Shear Rate by Multi cell Capillary Viscometer	Approval	D5481
45	Standard Test Method for Evaporation Loss of Lubricating Oils by the Noack Method	Approval	D5800
46	Standard Test Method for Evaluation of Engine Oils for Roller Follower Wear in Light- Duty Diesel Engine	Approval	D5966
47	Standard Test Method for Evaluation of Diesel Engine Oils in T-8 Diesel Engine	Approval	D5967
48	Standard Test Method for High Temperature Foaming Characteristics of Lubricating Oils	Approval	D6082
49	Standard Test Method for Shear Stability of Polymer Containing Fluids Using a European Diesel Injector Apparatus	Approval	D6278
50	Standard Test Method for Determination of High Temperature Deposits by Thermo-Oxidation Engine Oil Simulation Test	Approval	D6335
51	Standard Test Method for Estimation of Engine Oil Volatility by Capillary Gas Chromatography	Approval	D6417
52	Standard Test Method for Evaluation of Rust Preventive Characteristics of Automotive Engine Oils	Approval	D6557
53	Standard Test Method for Evaluation of Automotive Engine Oils for Inhibition of Deposit Formation in a Spark-Ignition Internal Combustion Engine Fueled with Gasoline and Operated Under Low- Temperature, Light-Duty Conditions	Approval	D6593
54	Standard Test Method for Evaluation of Corrosiveness of Diesel Engine Oil at 135 °C	Approval	D6594
55	Standard Test Method for Evaluation of Engine Oils in a High Speed, Single-Cylinder Diesel Engine—Caterpillar 1P Test Procedure	Approval	D6681
56	Standard Test Method for Evaluation of Automotive Engine Oils in the Sequence VIII Spark-Ignition Engine (CLR Oil Test Engine)	Approval	D6709
57	Standard Test Methods for Evaluation of Engine Oils in a High-Speed, Single-Cylinder Diesel Engine—1K Procedure (0.4 % Fuel Sulfur) and 1N Procedure (0.04 % Fuel Sulfur)	Approval	D6750
58	Standard Test Method for Measuring the Effect on Filterability of Engine Oils After Treatment with Various Amounts of Water and a Long (6 h) Heating Time	Approval	D6794
59	Standard Test Method for Measuring the Effect on Filterability of Engine Oils After Treatment with Water and Dry Ice and a Short (30 min) Heating Time	Approval	D6795
60	Standard Test Method for Measurement of Effects of Automotive Engine Oils on Fuel	Approval	D6837

	Economy of Passenger Cars and Light-Duty Trucks in Sequence VIB Spark Ignition Engine		
61	Standard Test Method for Cummins M11 High Soot Test	Approval	D6838
62	Standard Test Method for Evaluation of Automotive Engine Oils in the Sequence IVA Spark-Ignition Engine	Approval	D6891
63	Standard Test Method for Evaluation of Aeration Resistance of Engine Oils in Direct-Injected Turbocharged Automotive Diesel Engine	Approval	D6894
64	Standard Test Method for Determination of Yield Stress and Apparent Viscosity of Used Engine Oils at Low Temperature	Approval	D6896
65	Standard Test Method for Determination of Homogeneity and Miscibility in Automotive Engine Oils	Approval	D6922
66	Standard Test Method for Evaluation of Engine Oils in a High Speed, Single-Cylinder Diesel Engine—Caterpillar 1R Test Procedure	Approval	D6923
67	Standard Test Method for Cummins M11 EGR Test	Approval	D6975
68	Standard Test Method for Evaluation of Automotive Engine Oils in the Sequence IIIF, Spark-Ignition Engine	Approval	D6984
69	Standard Test Method for Evaluation of Diesel Engine Oils in T-10 Exhaust Gas Recirculation Diesel Engine	Approval	D6987/D6987M
70	Standard Test Method for Determination of Moderately High Temperature Piston Deposits by Thermo-Oxidation Engine Oil Simulation Test— TEOST MHT	Approval	D7097
71	Standard Test Method for Shear Stability of Polymer-Containing Fluids Using a European Diesel Injector Apparatus at 30 Cycles and 90 Cycles	Approval	D7109
72	Standard Test Method for Evaluation of Diesel Engine Oils in the T-11 Exhaust Gas Recirculation Diesel Engine	Approval	D7156
73	Standard Test Method for Determining Automotive Engine Oil Compatibility with Typical Seal Elastomers	Approval	D7216
74	Standard Test Method for Evaluation of Automotive Engine Oils in the Sequence IIIG, Spark-Ignition Engine	Approval	D7320
75	Standard Test Method for Evaluation of Diesel Engine Oils in T-12 Exhaust Gas Recirculation Diesel Engine	Approval	D7422
76	Standard Test Method for Cummins ISM Test	Approval	D7468
77	Standard Test Method for Evaluation of Automotive Engine Oils for Valve-Train Wear Performance in Cummins ISB Medium-Duty Diesel Engine	Approval	D7484
78	Standard Test Method for Bench Oxidation of Engine Oils by ROBO Apparatus	Approval	D7528
79	Standard Test Method for Evaluation of Heavy-Duty Engine Oils under High Output	Approval	D7549

	Conditions—Caterpillar C13 Test Procedure		
80	Standard Test Method for Evaluation of the Ability of Engine Oil to Emulsify Water and Simulated Ed85 Fuel	Approval	D7563
81	Standard Test Method for Measurement of Effects of Automotive Engine Oils on Fuel Economy of Passenger Cars and Light-Duty Trucks in Sequence VID Spark Ignition Engine	Approval	D7589
82	Standard Test Method for Measurement of Effects of Automotive Engine Oils on Fuel Economy of Passenger Cars and Light-Duty Trucks in Sequence VIE Spark Ignition	Approval	D8114
83	Standard Practice for Dealing With Outlying Observations	Approval	E178
84	Condensate Gas Stable Specification	Approval	GOST 54389
85	Standard Test Method for Determination of Vapor Pressure of Crude Oil: VPCRx (Expansion Method)	Approval	D6377
86	Standard Test Method for Water in Crude Oils by Coulometric Karl Fischer Titration	Approval	D4928
87	Standard Test Method for Particulate Contamination in Middle Distillate Fuels by Laboratory Filtration	Approval	D6217
88	Standard Test Method for Analysis of Hydrogen Sulfide in Gaseous Fuels (Lead Acetate Reaction Rate Method)	Approval	D4084
89	Standard Test Method for Paraffin, Naphthene, and Aromatic Hydrocarbon Type Analysis in Petroleum Distillates Through 200 °C by Multi- Dimensional Gas Chromatography	Approval	D5443
90	Standard Specification for Fuel System Icing Inhibitors	Approval	D4171
91	Standard Test Methods for Specific Gravity, Apparent, of Liquid Industrial Chemicals	Approval	D891
92	Standard Test Method for Distillation Range of Volatile Organic Liquids	Approval	D1078
93	Standard Test Method for Odor of Volatile Solvents and Diluents	Approval	D1296
94	Standard Test Method for Nonvolatile Matter in Volatile Solvents for Use in Paint, Varnish, Lacquer, and Related Products ¹	Approval	D1353
95	Standard Test Method for Heptane Miscibility of Lacquer Solvents	Approval	D1476
96	Standard Test Method for Water Miscibility of Water-Soluble Solvents	Approval	D1722
97	Standard Test Method for Measurement of Fuel System Icing Inhibitors (Ether Type) in Aviation Fuels	Approval	D5006
98	Standard Test Method for pH of Aqueous Solutions With the Glass Electrode	Approval	E70
99	Standard Test Method for Water Using Volumetric Karl Fischer Titration	Approval	E203
100	Standard Test Method for Water in Organic Liquids by Coulometric Karl Fischer Titration	Approval	E1064
101	Standard Specification for Industrial Paraffin wax	Approval	INSO 2542

102	Standard Test Method for Melting Point of Petroleum Wax (Cooling Curve)	Approval	ASTM D 87
103	Standard test method for oil content of petroleum waxes	Approval	ASTM D 8721
104	Standard test method for needle penetration of petroleum waxes	Approval	ASTM D 1321
105	Standard Guideline for Motor oil Production from Re-refining Base oil	Approval	ISIRI 6234
106	Standard Specification for Base oils API Group I	Approval	ISIRI 3299
107	Quality system in petroleum products and lubricants- Testing laboratories- Cod of practice	Approval	INSO 20593
108	Standard Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance.	Approval	D6299
109	Standard Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants	Approval	D6300
110	Standard Practice for Laboratory Bias Detection Using Single Test Result from Standard Material	Approval	D6617
111	Standard Guide for Analysis and Interpretation of Proficiency Test Program Results	Approval	D7372
112	(Reapproved 2019) Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications	Approval	E29
113	Standard specifications for Hypoid Gear Oil Equivalent to API GL-4	Committee	INSO 2873

TC-8 Electro- technical Committee

	standard	stage	Reference
1	Solar heating - Domestic water heating Systems - Part 2: Outdoor test methods for System Performance characterization and yearly Performance prediction of solar--only Systems	Published	ISO 9459-2
2	Solar heating - Domestic water heating Systems - Part 4: System performance characterization by means of component tests and computer simulation	Published	ISO 9459-4
3	Solar heating - Domestic water heating Systems - Part 5: System performance characterization by means of whole-system tests and computer simulation	Published	ISO 9459-5
4	Solar energy — Solar thermal collectors — Test methods	Approved	ISO 9806
5	Hydrometry — Selection, establishment and operation of a gauging station	Published	ISO 18365
6	Hydrometry — Measurement of liquid flow in open channels using current meters or floats	Published	ISO 748
7	Hydrometry — Vocabulary and symbols	Approved	ISO 772
8	Hydrometry — Measurement of liquid flow in open channels — Part 2: Determination of the stage-discharge relationship	Approved	ISO 1100-2
9	Hydrometry — Open channel flow measurement using rectangular broad-crested weirs	Approved	ISO 3846
10	Hydrometry — Measurement of free surface flow in closed conduits	Approved	ISO/TR 9824
11	Hydrometry — Water level measuring devices	Approved	ISO 4373
12	Hydrometry — Field measurement of discharge in large rivers and rivers in flood	Approved	ISO 9825
13	Hydrometric uncertainty guidance (HUG)	Approved	ISO/TS 25377
14	Standard Specification for ornamental Fences Employing Steel Tubular Pickets ¹	Approval	Designation: F2589 – 16 ASTM
15	Loading tests on overhead line structures	Approval	IEC 60652
16	Residual strength of string insulator units of glass or ceramic material for overhead lines after mechanical damage of the dielectric	Approval	IEC 60797
17	Insulators of ceramic material or glass for overhead lines with a nominal voltage greater than 1 000 V –	Approval	IEC 61211

	Impulse puncture testing in air		
18	Overhead lines – Requirements and tests for fittings	Approval	IEC 61284
19	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents – Part 2: Guidelines for technical specifications for Francis turbines	Approval	IEC 61366-2
20	Hydraulic turbines, storage pumps and pump-turbines –Tendering documents – Part 3: Guidelines for technical specifications for Pelton turbines	Approval	IEC 61366-3
21	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents –Part 4: Guidelines for technical specifications for Kaplan and propeller turbines	Approval	IEC 61366-4
22	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents Part 5: Guidelines for technical specifications for tubular turbines	Approval	IEC 61366-5
23	Overhead lines – Meteorological data for assessing climatic loads	Approval	IEC 61774
24	Overhead lines – Requirements and tests for spacers	Approval	IEC 61854
25	Guide for field measurement of vibrations and pulsations in hydraulic machines (turbines, storage pumps and pump-turbines)	Approval	IEC 60994
26	Electromechanical equipment guide for small hydroelectric installations	Approval	IEC 1116
27	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents – Part 1: General and annexes	Approval	61366-1
28	Overhead lines – Calculation of the electrical component of distance between live parts and obstacles – Method of calculation	Approval	IEC 61865
29	Insulators for overhead lines – Composite line post insulators for A.C. systems with a nominal voltage greater than 1 000 V – Definitions, test methods and acceptance criteria	Approval	IEC 61952
30	Hydraulic machines – Acceptance tests of small hydroelectric installations	Approval	IEC 62006
31	Insulators – Glossary of terms and definitions	Approval	IEC 62223
32	Overhead lines – Method for fatigue testing of conductors	Approval	IEC 62865
33	Power transformers – Part 15: Gas-filled power transformers	Approval	IEC 60076-15
34	Power transformers – Part 5: Ability to withstand short circuit	Approval	IEC 60076-5

35	Power transformers –Part 14: Liquid-immersed power transformers using high-temperature insulation materials	Approval	IEC 60076-14
36	Power transformers –Part 10: Determination of sound levels	Approval	IEC 60076-10
37	Power transformers – Part 10-1: Determination of sound levels – Application guide	Approval	IEC 60076-10-1
38	Power transformers – Part 11: Dry-type transformers	Approval	IEC 60076-11
39	Power transformers –Part 13: Self-protected liquid-filled transformers	Approval	IEC 60076-13
40	Overhead lines –Requirements and tests for Stockbridge type aeolian vibration dampers	Approval	IEC 61897
41	Power transformers – Part 19: Rules for the determination of uncertainties in the measurement of the losses on power transformers and reactors	Approval	IEC/TS 60076-19
42	Power transformers – Part 20: Energy efficiency	Approval	IEC TS 60076-20
43	Surge arresters –Part 4: Metal-oxide surge arresters without gaps for a.c. systems	Approval	IEC 60099-4
44	Surge arresters –Part 5: Selection and application recommendations	Approval	IEC 60099-5
45	Guidance for the selection of high-voltage A.C. cable systems	Approval	IEC 60183
46	Tap-changers –Part 2: Application guide	Approval	IEC- 60214-2
47	Terminal and tapping markings for power transformers	Approval	IEC- 616
48	Converter transformers –Part 1: Transformers for industrial applications	Approval	IEC 61378-1
49	Overhead electrical conductors - Calculation methods for stranded bare conductors	Approval	IEC-1597
50	Guide for the Application, Specification, and Testing of Phase-Shifting Transformers	Approval	IEC 62032
51	Solar Flat Plate Collector-Specification Part 1 Requirement	Approved	IS 12933 (Part 1)
52	Solar Flat Plate Collector-Specification Part 2 Components	Approved	IS 12933 (Part 2)
53	Solar Flat Plate Collector-Specification Part 3 Measuring Instruments	Approved	IS 12933 (Part 3)
54	Solar Flat Plate Collector – Specification Part 5 Test Methods	Approved	IS 12933 (Part 5)
55	Solar Water Heating Systems Code Of Practice	Approved	IS 12976

56	Biogas Plants- Glass Fibre Reinforced Polyester Resin Gas Holders - Specification Part 1 With Steel Frame	Approved	IS 12988 Part 1
57	Solar Heating-Domestic Water Heating Systems Part1 Performance Rating Procedure Using Indoor Test Methods	Approved	IS 13129 Part 1
58	Solar Heating-Domestic Water Heating Systems Part 2 Procedure For System Performance Characterization And Yearly Performance Predication	Approved	IS 13129 Part 2
59	Solar heating - Domestic water heating Systems - Part 3: Procedure for system component characterization and predication for yearly performance using component performance data	Approved	IS 131293-3
60	solar heating - Domestic water heating Systems - Part 4: Determination of durability and reliability	Approved	IS 131293-4
61	Quality Assurance in Solar Heating and Cooling Technology a Guide to the Standard En 12975	Approved	EN 12975
62	Understanding and Using Collector Test Standard En 12975	Approved	EN 12975
63	Quality Grade of LED Lamps and Luminaires Part 1: General requirements and tests	Approved	INSO 14878-1
64	Quality Grade of LED Lamps and Luminaires-Part 2: Particular requirements Section 2: Tublar LED lamps with G5 and G13 caps	Approved	INSO 14878-2-2
65	Quality Grade of LED Lamps and Luminaires Part 2: Particular requirements Section 3: LED street luminaires	Approved	INSO 14878-2-3
66	Quality Grade of LED Lamps and Luminaires Part 2: Particular requirements Section 4: LED Floodlight	Approved	INSO 14878-2-4
67	Photovoltaic devices part 1: measurement of photovoltaic current-voltage characteristics	Approval	IS 12762 (Part 1)
68	salt mist corrosion testing of photovoltaic (pv) modules	Approval	IS/IEC 61701
69	Photovoltaic Devices, Part 3: Measurement Principles for Terrestrial Photovoltaic (PV)Solar Devices with Reference Spectral Irradiance Data	Approval	IS 12762(Part3)
70	Photovoltaic Devices,Part 8: Measurement of Spectral Response of A Photovoltaic (PV)Device	Approval	IS 12762 (Part8)

71	Photovoltaic Devices, Part 9: Solar Simulator Performance Requirements	Approval	IS 12762 (Part9)
72	Procedures for temperature and irradiance corrections to measured I-V characteristics of crystalline silicon photovoltaic devices	Approval	IS 12763
73	Photovoltaic Devices, Part 1: Measurement of Photovoltaic Current-Voltage Characteristics	Approval	IS 12762-1
74	Photovoltaic (PV) Module Safety Qualification, Part 1: Requirements for Construction	Approval	IS/IEC 61730-1
75	Photovoltaic (PV) Module Safety Qualification, Part 2: Requirements for Testing	Approval	IS/IEC 61730-2
76	Stationary cells and batteries, lead-acid type (with tubular positive plates)	Approval	IS 1651

TC- 9 Textile and leather			
1	Textiles fabrics- determination of width and length-test method	Approved committee	ISIRI 9528 1 st .Edition
2	50% cotton-50% polyester yarn-specification	Approved committee	ISIRI 4564 1 st Edition
3	Leather-chemical tests determination of volatile matter	Approved	ISIRI 315
4	Sampling cotton fibers for testing	Approved committee	ISIRI 6145 1 st .Edition
5	Leather-physical and mechanical tests determination of thickness-test method	Approved	ISIRI 879
6	Textile- knitted blanked specification	Approved committee	ISIRI 6376 1 st Edition
7	Textile- floor covering-determination of types of usual knots in hand made carpets	Approved committee	INSO 477
8	Leather – Physical and mechanical tests – Determination of the static absorption of water 2 nd Edition	Approved committee	ISIRI 316
9	Artificial leather for upper of shoes specifications and test methods	Approved	ISIRI 4266
10	vocabulary of terms used in carpet industry 2 nd Edition	Approved	ISIRI 1460

11	cashmere fibres – specifications testing methods first edition	Approved committee	ISIRI 3658
12	Leather - full chrome upper leather - specification and test method.	Approved committee	SIRI 6304
13	SPECIFICATIONS OF MOHAIR FIBERS First Edition	Approved committee	SIRI 4485
14	Method for Determination of spoild wool by Mi Idew and Bacteria 2 nd . Edition August 1399	Approved committee	ISIRI 1466
15	Textile - Wool – Determination of Dichloromethane-Soluble Matter in Combed Sliver	Approved committee	INSO 1939

TC-14 Environmental Technical Committee

1	Mobile waste and recycling containers Part 5: Performance requirements and test methods	approved	INSO 18658-5
2	Mobile waste and recycling containers Part 6: Safety and health requirements	approved	INSO 18658-6
3	Soil quality- Guidance for burial of animal carcasses to prevent epidemics	approved	INSO 19106
4	Landscape - Design of Sprinkler Irrigation – Code of Practice	approved	INSO 19642
5	Ambient air - Determination of a black smoke index	approved	INSO 1983
6	Wastewater-Estimating the Environmental Load of Residential-Guideline	approved	INSO 20143
7	Compostable plastics – Specifications	approval	INSO 12193
8	Standard Practice for Processing Mixtures of Lime, Fly Ash, and Heavy Metal Wastes in Structural Fills and Other Construction	approval	ASTM: E1266-88
9	Standard Practice for Shredder Explosion Protection ¹	approved	ASTM: E 1248 – 90
10	Standard Guide for Household Hazardous Waste Training Outline for Household Hazardous Waste Collection Operations ¹	approved	ASTM: D6498 - 99
11	Packaging and the environment-Energy recovery	approval	INSO 18438
12	Disaster Waste Management– Code of Practice	approval	INSO 19941
13	National standards for Waste management in building	approval	INSO 20238
14	Code of Practice refuse bin in Public out doors	approval	INSO 3364
15	Standard Classification of Coals by Rank	approved	ASTM D388-19
16	Standard Guide for Use of Coal Combustion Products for Solidification/Stabilization of Inorganic Wastes	approved	ASTM: E2060-06
17	Standard Test Method for Mechanical Cone Penetration Testing of Soils	approved	ASTM: D3441-16

18	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	approved	ASTM: D2216-19
19	Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method	approved	ASTM: D2937-17
20	Standard Test Methods for Quicklime and Hydrated Lime for Neutralization of Waste Acid ¹	approved	ASTM: C 400-19
21	Standard Test Method for Free-Swelling Index of Coal	approved	D720/D720M-15
22	Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method ¹	approved	ASTM: D1556/1556M
23	Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders ¹	approved	ASTM: D1633-17
24	Standard Test Method for Gross Calorific Value of Coal and Coke	approved	ASTM: D5865/D5865 M-19
25	Standard Test Methods for PH of Soils ¹	approved	ASTM: D4972-19
26	Standard Test Method for Wetting and Drying Test of Solid Wastes ¹	approved	ASTM: D4843-88
27	Standard Test Method for Microscopical Determination of the Vitrinite Reflectance of Coal	approved	ASTM: D2798-20
28	Standard Test Method for Ash in the Analysis Sample of Coal and Coke from Coal	approved	ASTM: D3174-12
29	Standard Test Method for Moisture in the Analysis Sample of Coal and Coke	approved	ASTM: D3173/D3173 M-17
30	Standard Test Method for Unconfined Compressive Strength of Cohesive Soil	approved	ASTM: D2166/D2166 M-16
31	Standard Test Method for Equilibrium Moisture of Coal at 96 to 97 Percent Relative Humidity and 30 °C	approved	ASTM: D1412/D1412 M-20
32	Standard Wastewater treatment plants - Part 1: General construction principles	Committee	INSO 1718-1

TC- 17 Chemical & Plastic standards Technical Committee			
1	Standard Specification for Rigid Poly (Vinyl Chloride)(PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors ¹	Approve	ASTMD4726
2	Standard Specification for Carpet cleaning products high foam formulations in liquid form	Approve	ISIRI2364
3	Safety of toys – safety aspects related to mechanical and physical properties	Approve	ISIRI 6204
4	Liquid oven cleaners specifications and test methods	Approval	ISIRI 6071
5	Detergents Glass Cleaner Specifications and test methods	Approve	ISIRI3305

6	Tires Safety regulations for tires in service condition specification	Approval	ISIRI16630
7	Paint and varnishes-Artists' watercolor Specifications	Approval	ISIRI17355
8	Standard Sulfuric Acid for industrial use Specifications and test methods	Approval	ISIRI210
9	Standard Specification for Sulfonic Plastics(SP) ¹	Approval	ASTMD6394
10	Standard Test Method for Density and Dimensions of Preformed Pipe –Covering -Type Thermal Insulation ¹	Approval	ASTM C302
11	Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics ¹	Approval	ASTM D256
12	Standard of Test Method for Tensile Properties of Plastics ¹	Approval	ASTM 638
13	Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics ¹	Approval	ASTM D1003
14	Standard Test Method for Vicat Softening Temperature of Plastics ¹	Approval	ASTM D1525
15	Standard Test Method for Time-to-Failure of Plastic Pipe under Constant Internal Pressure ¹	Approval	ASTM D1598
16	Standard Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings ¹	Approval	ASTM D2122
17	Standard Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight) ¹	Approval	ASTM D2444
18	Standard Test Method for Chemical Resistance of “Fiberglass” (Glass–Fiber–Reinforced Thermosetting-Resin) Pipe in a Deflected Condition ¹	Approval	ASTM D3681
19	Standard Practice for Evaluating the Quality of Molded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings by the Heat Reversion Technique ¹	Approval	ASTM F610
20	Standard Test Methods for Resistance to Short -Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings ¹	Approval	ASTM D1599
21	Standard Test Method for Tensile, Compressive, and Flexural Creep and Creep - Rupture of Plastics ¹	Approval	ASTM D2990
22	Standard Specification Single-use rubber gloves for general applications	Approval	INSO 16407
23	Standard Specifications for Rubber Boots and Knee Boots	Approval	ISIRI 1383
24	Standard Specification for Polyethylene Upright Storage Tanks	Approval	ASTM D 1998

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TECHNICAL COMMITTEE (TC)	TOTAL	STAGES					
		proposal	preparatory	Committee	Enquiry	Approval	Publication
TC-2	30	-	-	1	-	29	-
TC-3	17	-	-	-	-	17	-
TC-4	7	-	-	2	-	5	-
TC-5	38	6	-	6	-	26	-
TC-6	113	-	-	1	-	112	-
TC-8	76	-	-	-	-	71	5
TC-9	15	-	-	11	-	4	-
TC-14	32	-	-	1	-	31	-
TC-17	24	-	1	-	-	24	-