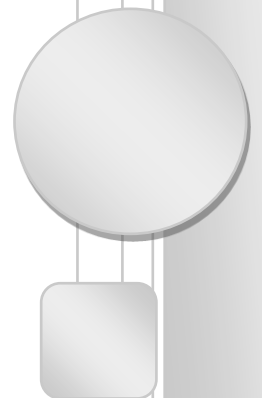




# STANDARDS ACTION PLAN

*Vol.2, No. 2, November 1, 2019*



## INTRODUCTION

The Afghan 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.

**Afghan National Standards Authority (ANSA)**

**Head Office:**

Add: Industrial Park Area Kabul-Jalalabad Road

P.O. Box 5172, Kabul/Afghanistan

Tel.: (+93) 202320119,

E-Mail: [admin.ansa@gmail.com](mailto:admin.ansa@gmail.com) , Web: <http://www.ansa.gov.a>

## CONTENTS

	Page NO
INTRODUCTION.....	1
C O N T E N T S.....	2
HOW TO USE THIS PUBLICATION .....	3
Standards projects .....	3
Stage .....	3
Stages of Afghan Standards development:.....	3
ANSA Technical Committees List .....	4
TC-2 Quality Management systems Department .....	5
TC-3 Food and Agricultural Products’ Technical committee .....	5
TC-4 Pharmaceutical and cosmetics Technical committee.....	7
TC-5 Construction Technical committee.....	7
TC-6 Petroleum Products .....	8
<b>TC-8 Electro- technical Committee</b> .....	9
<b>TC- 9 Textile and leather</b> .....	12
TC-14 Environmental .....	13
<b>TC- 17 Chemical &amp; Plastic standards</b> .....	13
DRAFT AFGHAN STANDARDS BY SECTOR.....	15

### Published by:

Afghan National Standards Authority (ANSA)  
WTO-TBT National Enquiry Point  
Tel.: (+93) 752086743  
E-Mail: [tbt\\_ep@ansa.gov.af](mailto:tbt_ep@ansa.gov.af)

## 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 Afghan 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 is 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 Afghan 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

<b>Number</b>	<b>Technical Committee Name</b>	<b>TC NO</b>
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

**TC-2 Quality Management systems Department**

<b>NO</b>	<b>Name of Standards</b>	<b>Stage</b>	<b>References</b>
1	Medical laboratories – Requirements for quality and competence	Approval	ISO 15189:2012
2	Medical laboratories – Reduction of error through risk management and continual improvement	Approval	ISO/TS 22367:2008
3	Codes for the representation of name of countries and their subdivisions, Part 1: Country Codes	Committee	ISO 3166-1:2013
4	Codes for the representation of name of countries and their subdivisions, Part 2: Country subdivision code	Committee	ISO 3166-2:2013
5	Codes for the representation of name of countries and their subdivisions, Part 3: Code for formerly used names of countries	Committee	ISO 3166-3:2013
6	Energy Management Systems – Requirements with guidance for use	Committee	ISO 50001:2011
7	Point Of Care Testing (POCT) – Requirements for quality and competence	Committee	ISO 22870:2006
8	Food safety management systems – Requirements for any organization in the food chain	Committee	ISO 22000:2005
9	Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems	Committee	ISO 22003:2013
10	Food safety management systems – Guidance on the application of ISO 22000:2005	Committee	ISO 22004:2005
11	Occupational health and safety management systems – Requirements	Committee	OHSAS 18001:2007
12	Occupational health and safety management systems – Guidelines for the implementation of OHSAS 18001:2007	Proposal	OHSAS 18002:2008

**TC-3 Food and Agricultural Products' Technical committee**

	<b>Standard</b>	<b>stage</b>	<b>Reference</b>
1	Walnut in shell	approval	ISIRI 212:2007
2	Walnut kernel	approval	ISIRI

			18:2007
3	Olive oils and Olive Pomace	Committee	Codex – 33-1981
4	Rice	Committee	Codex – 198-1995
5	Dry fruits – Determination of moisture content-test methods	Committee	INSO 672:2015 Ist.Revision
6	Standard for water Melon	Committee	ISRI – 242:2007
7	Biscuit	Preparatory	ISRI – 37:2007
8	Dried Mulberry	Preparatory	ISRI – 3507:2007
9	Codex Standard for Pickled Fruits and Vegetable	Preparatory	CODEX – STAN 260-2007
10	Dried fig – Specification and test method	Proposal	ISRI – 2:2007

**TC-4 Pharmaceutical and cosmetics Technical committee**

<b>No</b>	<b>Standards</b>	<b>Stage</b>	<b>Reference</b>
1	Intravascular catheters - Sterile and – single use catheters : Part 4 Balloon dilatation catheters	Approved	ISO 10555-4
2	Intravascular catheters - Sterile and – single use catheters : over- needle peripheral catheters – part :5	Approved	ISO 10555-5
3	Intravascular catheters - Sterile and – single use catheters : part 6: subcutaneous implanted ports	Approved	ISO 10555-6
4	Intravascular catheters – Sterile and single – use catheters- part3: Central venous catheters	Approved	ISO 10555-3
5	Non – invasive sphygmomanometers- part 1: requirements and test methods for non –automated measurement type	Enquiry	ISO 81060-1
6	Licourice in powder and mould form specifications and test methods	Enquiry	ISIRI 2343
7	Liquorice extracts Determination of glycyrrhizic acid content Method using high performance liquid chromatography –test method	Enquiry	ISIRI 6699
8	Specification for Magnesium Stearate for Cosmetic industry	Enquiry	ISIRI 1324
9	Non-invasive sphygmomanometers — Part 2: Clinical investigation of automated measurement type	committee	ISO 81060-2

**TC-5 Construction Technical committee**

1	Abrasion resistance of dimension stone subjected to foot traffic	Approved	C241/C241m-2015
2	Absorption and bulk specific gravity of dimension stone	Approved	C97/C97 -2015
3	Standard Specification for hot-mixed, hot-laid Bituminous paving Mixtures	Approval	ASTM D3515
4	Standard Specification for structural steel shapes	Approval	A992/A992M-11 Reapproved 2015
5	Standard Specification for Steel Sheet Piling	Approval	A328/A 328M-03
6	Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete1	Approval	C869



7	Standard Specification for Expanded polystyrene (EPS) Thermal Insulation Boards for Use in Exterior Insulation and Finish Systems(EIFS)	Approval	E2430/E2430M-13
8	Standard specification for light weight aggregates for insulating concrete	committee	C332-17
9	Significance of tests and properties of concrete and concrete-making materials STP 169D	committee	STP 169D
10	Standard specification for resilient connectors between reinforced concrete manhole structures, pipes, and laterals(Metric)	proposal	C 923
11	Standard specification for manufacture of precast reinforced concrete three-sided structures for culverts and storm drains I	proposal	C 1797
12	Standard specification for ground calcium carbonate aggregate mineral fillers for use in hydraulic cement concrete 1	proposal	F 2589

<b>TC-6 Petroleum Products</b>			
	<b>standard</b>	<b>stage</b>	<b>Reference</b>
1	Standard Specification for Performance of Manual Transmission Gear Lubricants	Approval	ASTMD 5760
2	Minimum requirements for the content of the user manual for automotive LPG	Approved	ISIRI 12020
3	standard for Equipment of motor vehicle using liquefied petroleum gas( LPG): Flexible hoses with coupling	Approval	ISIRI-4264-18
4	standard for Equipment of motor vehicle using liquefied petroleum gas( LPG): Fuel rail	Approval	ISIRI-4264-23
5	Crude petroleum. General Specification	Approved	GOST 51858-2002
6	Standard Specification for Mineral Insulating Oil use in Electrical Apparatus	Approval	ASTMD 3487
7	Standard Specification for Performance of Active API Service Category Engine Oils	Approval	ASTMD 4484
8	Condesate Gas Stable Specification	Approval	GOST 54389

<b>TC-8 Electro- technical Committee</b>			
<b>standard</b>		<b>stage</b>	<b>Reference</b>
1	Solar heating - Domestic water heating Systems - Part 2: Outdoor test methods for System Performance characterization and yearly Performance prediction of solar--only Systems	Approved	ISO 9459-2
2	Solar heating - Domestic water heating Systems - Part 4: System performance characterization by means of component tests and computer simulation	Approved	ISO 9459-4
3	Solar heating - Domestic water heating Systems - Part 5: System performance characterization by means of whole-system tests and computer simulation	Approved	ISO 9459-5
4	Solar energy — Solar thermal collectors — Test methods	Approved	ISO 9806
5	Hydrometry — Selection, establishment and operation of a gauging station	Approved	ISO 18365
6	Hydrometry — Measurement of liquid flow in open channels using current meters or floats	Approved	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 <sup>1</sup>	committee	Designation: F2589 – 16 ASTM
15	Loading tests on overhead line structures	committee	IEC 60652
16	Residual strength of string insulator units of glass or ceramic material for overhead lines	committee	IEC 60797

	after mechanical damage of the dielectric		
17	Insulators of ceramic material or glass for overhead lines with a nominal voltage greater than 1 000 V – Impulse puncture testing in air	committee	IEC 61211
18	Overhead lines – Requirements and tests for fittings	committee	IEC 61284
19	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents – Part 2: Guidelines for technical specifications for Francis turbines	committee	IEC 61366-2
20	Hydraulic turbines, storage pumps and pump-turbines –Tendering documents – Part 3: Guidelines for technical specifications for Pelton turbines	committee	IEC 61366-3
21	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents –Part 4: Guidelines for technical specifications for Kaplan and propeller turbines	committee	IEC 61366-4
22	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents Part 5: Guidelines for technical specifications for tubular turbines	committee	IEC 61366-5
23	Overhead lines – Meteorological data for assessing climatic loads	committee	IEC 61774
24	Overhead lines – Requirements and tests for spacers	committee	IEC 61854
25	Guide for field measurement of vibrations and pulsations in hydraulic machines (turbines, storage pumps and pump-turbines)	committee	IEC 60994
26	Electromechanical equipment guide for small hydroelectric installations	committee	IEC 1116
27	Hydraulic turbines, storage pumps and pump-turbines – Tendering Documents – Part 1: General and annexes	committee	61366-1
28	Overhead lines – Calculation of the electrical component of distance between live parts and obstacles – Method of calculation	committee	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	committee	IEC 61952
30	Hydraulic machines – Acceptance tests of small hydroelectric installations	committee	IEC 62006
31	Insulators – Glossary of terms and definitions	committee	IEC 62223

32	Overhead lines – Method for fatigue testing of conductors	committee	IEC 62865
33	Power transformers – Part 15: Gas-filled power transformers	committee	IEC 60076-15
34	Power transformers – Part 5: Ability to withstand short circuit	committee	IEC 60076-5
35	Power transformers –Part 14: Liquid-immersed power transformers using high-temperature insulation materials	committee	IEC 60076-14
36	Power transformers –Part 10: Determination of sound levels	committee	IEC 60076-10
37	Power transformers – Part 10-1: Determination of sound levels – Application guide	committee	IEC 60076-10-1
38	Power transformers – Part 11: Dry-type transformers	committee	IEC 60076-11
39	Power transformers –Part 13: Self-protected liquid-filled transformers	committee	IEC 60076-13
40	Overhead lines –Requirements and tests for Stockbridge type aeolian vibration dampers	committee	IEC 61897
41	Power transformers – Part 19: Rules for the determination of uncertainties in the measurement of the losses on power transformers and reactors	committee	IEC/TS 60076-19
42	Power transformers – Part 20: Energy efficiency	committee	IEC TS 60076-20
43	Surge arresters –Part 4: Metal-oxide surge arresters without gaps for a.c. systems	committee	IEC 60099-4
44	Surge arresters –Part 5: Selection and application recommendations	committee	IEC 60099-5
45	Guidance for the selection of high-voltage A.C. cable systems	committee	IEC 60183
46	Tap-changers –Part 2: Application guide	committee	IEC- 60214-2
47	Terminal and tapping markings for power transformers	committee	IEC- 616
48	Converter transformers –Part 1: Transformers for industrial applications	committee	IEC 61378-1
49	Overhead electrical conductors - Calculation methods for stranded bare conductors	committee	IEC-1597
50	Guide for the Application, Specification, and Testing of Phase-Shifting Transformers	committee	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

#### TC- 9 Textile and leather

1	Textiles fabrics- determination of width and length-test method	approved	ISIRI 9528 1 <sup>st</sup> .Edition
2	50% cotton-50% polyester yarn-specification	approved	ISIRI 4564 1 <sup>st</sup> Edition
3	Leather-chemical tests determination of volatile matter	approved	ISIRI 315
4	Sampling cotton fibers for testing	approved	ISIRI 6145 1 <sup>st</sup> .Edition
5	Leather-physical and mechanical tests determination of thickness-test method	approved	ISIRI 879
6	Textile- knitted blanked specification	approved	ISIRI 6376 1 <sup>st</sup> Edition
7	Textile- floor covering-determination of types of usual knots in hand made carpets	approved	INSO 477
8	Leather – Physical and mechanical tests – Determination of the static absorption of water 2 <sup>nd</sup> Edition	committee	ISIRI 316

9	Artificial leather for upper of shoes specifications and test methods	committee	ISIRI 4266
10	vocabulary of terms used in carpet industry 2 <sup>nd</sup> Edition	committee	ISIRI 1460

<b>TC-14 Environmental</b>			
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	Standard practice for processing mixtures fly ash and heavy Metal wastes in structural fills and other constriction.	Enquiry	ASTM-E-1266-88
5	Landscape - Design of Sprinkler Irrigation – Code of Practice	Enquiry	INSO-19642
6	Standard practice for shredder explosion protection	Enquiry	ASTM E- 1248-90
7	Compostable plastics – Specifications	Enquiry	INSO- 12193
8	Packaging and the environment energy recovery	Enquiry	INSO- 18438
9	Standard guide for household hazardous waste training outline for household hazardous waste collection operation1	committee	ASTM- D6498-99
10	Drainage of landfill-design construction and operation	committee	INSO-17187
<b>TC- 17 Chemical &amp; Plastic standards</b>			
1	Standard Specification for Rigid Poly (Vinyl Chloride)(PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors <sup>1</sup>	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) <sup>1</sup>	Approval	ASTMD6394
10	Standard Test Method for Density and Dimensions of Preformed Pipe –Covering -Type Thermal Insulation <sup>1</sup>	Approval	ASTM C302
11	Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics <sup>1</sup>	Approval	ASTM D256
12	Standard of Test Method for Tensile Properties of Plastics <sup>1</sup>	Approval	ASTM 638
13	Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics <sup>1</sup>	Approval	ASTM D1003
14	Standard Test Method for Vicat Softening Temperature of Plastics <sup>1</sup>	Approval	ASTM D1525
15	Standard Test Method for Time-to-Failure of Plastic Pipe under Constant Internal Pressure <sup>1</sup>	Approval	ASTM D1598
16	Standard Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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

## DRAFT AFGHAN STANDARDS BY SECTOR

TECHNICAL COMMITTEE (TC)	TOTAL	STAGES					
		proposal	preparatory	Committee	Enquiry	Approval	Publication
TC-2	12	1	-	9	-	2	-
TC-3	10	1	3	4	-	2	-
TC-4	9	-	-	1	4	4	-
TC-5	12	3	-	2	-	7	-
TC-6	8					8	
TC-8	58	-	-	37	-	21	
TC-9	10	-	-	3	-	7	-
TC-14	10	-	-	2	5	3	-
TC-17	23	-	-	-	-	23	-