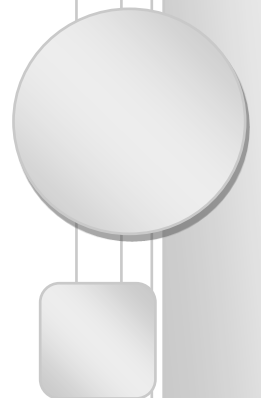




# STANDARDS ACTION PLAN

*Vol.2, No. 1, April 7, 2018*



## **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 in the month of January and July.

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.af>

# 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
Electro-Technical Committee TC-8 .....	5
AMAS -Technical Committee TC-16.....	21
TC- 17 Chemical & Plastic standards .....	22
TC-2 Quality Management Systems .....	22
TC-3 Food and Agricultural.....	23
TC-4 Pharmaceuticals and Cosmetics.....	23
TC-5 Construction .....	24
TC-6 Petroleum Products .....	25
TC-14 Environmental .....	26
DRAFT AFGHAN STANDARDS BY SECTOR.....	27

## Published by:

Afghan National Standards Authority (ANSA)  
WTO-TBT National Enquiry Point  
Tel.: (+93) 752086743  
E-Mail: 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

## Electro-Technical Committee TC-8

No	Title	Stage	Reference
1	Hard-drawn Aluminum wire for overhead line conductors	Approved	IEC 60889
2	Power cables with extruded insulation and their accessories for rated voltages from 1 kV ( $U_m = 1,2$ kV) up to 30 kV ( $U_m = 36$ kV) - Part 2: Cables for rated voltages from 6 kV ( $U_m = 7,2$ kV) and 30 kV ( $U_m = 36$ kV)	Approved	IEC 60502-2
3	Zinc coated steel wires for stranded conductors	Approved	IEC 60888
4	Round wire concentric lay overhead electrical standard conductors	Approved	IEC 61089
5	Guide to the selection of high-voltage cables.	Approved	IEC 60183
6	Insulation co-ordination - Part 1: Definitions, principles and rules	Approved	IEC 60071-1
7	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	Approved	IEC 60664-1
8	Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1000 V	Approved	IEC 60273
9	Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for a.c. systems - Characteristics of insulator units of the cap and pin type	Approved	IEC 60305
10	Insulators for overhead lines with a nominal voltage above 1 000 V - Ceramic insulators for a.c. systems - Characteristics of insulator units of the long rod type	Approved	IEC 60433
11	Protection against electric shock -Common aspects for installation and equipment	Approved	IEC 61140
12	Insulators for overhead lines with a nominal voltage above 1000 V - Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria	Approved	IEC 60383-1
13	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 1: General requirements	Approved	IEC 60227-1
14	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 6: Lift cables and cables for flexible connections	Approved	IEC 60227-6
15	Conductors of insulated cables	Approved	IEC 60228

16	Aluminium-magnesium-silicon alloy wire for overhead line conductors	Approved	IEC 60104
17	Electrical insulation - Thermal evaluation and designation	Approved	IEC 60085
18	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 V	Approved	IEC 60168
19	Electricity metering-Glossary of terms	Approved	IEC 62051
20	Electricity metering - Data exchange for meter reading, tariff and load control - Part 21: Direct local data exchange	Approved	IEC 62056-21
21	Insulating liquids - Determination of the breakdown voltage at power frequency - Test method	Approved	IEC 60156
22	Insulated bushings for alternating voltages above 1 000 V	Approved	IEC 60137
23	Double-capped fluorescent lamps - Performance specifications	Approved	IEC 60081
24	Single-capped fluorescent lamps - Safety specifications	Approved	IEC 61199
25	Glow-starters for fluorescent lamps	Approved	IEC 60155
26	coupling devices for power line carrier systems	Approved	IEC 60481
27	Overhead lines - Testing of foundations for structures	Approved	IEC 61773
28	Coupling capacitors and capacitor dividers	Approved	IEC 60358
29	Standard colors for insulation for low-frequency cables and wires	Approved	IEC 60304
30	Electric cables - Calculation of the current rating - Part 1-1: Current rating equations (100 % load factor) and calculation of losses - General	Approved	IEC 60287-1-1
31	Overhead electrical conductors - Creep test procedures for stranded conductors	Approved	IEC 61395
32	Artificial pollution test on high voltage insulators tube used on Ac systems	Approved	IEC 60507
33	Tests for electric cables under fire conditions - Circuit integrity - Part 2: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20 mm	Approved	IEC 60331-2
34	Tests for electric cables under fire conditions - Circuit integrity - Part 23: Procedures and requirements - Electric data cables	Approved	IEC 60331-23
35	Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus	Approved	IEC 60332-3-10

36	radio interference test on high voltage insulators	Approved	IEC 60437
37	dimensions of clevis and tongue coupling of string insulators units	Approved	IEC 60471
38	Common test methods for insulating and sheathing materials of electric cables and optical cables - Part 1-1: Methods for general application - Measurement of thickness and overall dimensions - Tests for determining the mechanical properties	Approved	IEC 60811-1-1
39	Compression and mechanical connectors for power cables for rated voltages up to 30 kV ( $U_m = 36$ kV) - Part 1: Test methods and requirements	Approved	IEC 61238-1
40	Electrical insulation systems -Thermal evaluation of modifications to an established wire-wound EIS	Approved	IEC 61858
41	Varnishes used for electrical insulation - Part 2: Methods of test	Approved	IEC 60464-2
42	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 5: Flexible cables cords	Approved	IEC 60227-5
43	Precast concrete products - Masts and poles	Approved	BS EN 12843:2004
44	Power cables with extruded insulation and their accessories for rated voltages from 1 kV ( $U_m = 1,2$ kV) up to 30 kV ( $U_m = 36$ kV) - Part 1: Cables for rated voltages of 1 kV ( $U_m = 1,2$ kV) and 3 kV ( $U_m = 3,6$ kV)	Approved	IEC 60502-1
45	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 7: Flexible cables screened and unscreened with two or more conductors	Approved	IEC 60227-7
46	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	Approved	IEC 62262
47	Degrees of protection provided by enclosures (IP Code)	Approved	IEC 60529
48	Cable management - Cable tray systems and cable ladder systems	Approved	IEC 61537
49	Protection against lightning - Part1:general principles	Approved	IEC 62305-1
50	Protection against lightning - Part2:Risk management	Approved	IEC 62305-2
51	Protection against lightning - Part3: Physical damage to structures and life hazard	Approved	IEC 62305-3
52	Protection against lightning - Part4: electrical and electronics systems within structures	Approved	IEC 62305-4
53	Tap-changers - Part 1: Performance requirements and test methods	Approved	IEC 60214-1



54	Tap-changers - Part 2: Application guide	Approved	IEC 60214-2
55	Plugs, socket-outlets and couplers for industrial purposes - Part 1: General requirements	Approved	IEC 60309-1
56	Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories	Approved	IEC 60309-2
57	Plugs, socket-outlets and couplers for industrial purposes - Part 4: Switched socket-outlets and connectors with or without interlock	Approved	IEC 60309-4
58	Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire	Approved	IEC 60317-3
59	characteristics of line post insulators	Approved	IEC 60720
60	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation	Approved	IEC 60898-1
61	Power transformer - Part 1: General	Approved	IEC 60076-1
62	Power transformer - Part 2: Temperature rise for liquid-immersed transformers	Approved	IEC 60076-2
63	Power transformer - Part 3: Insulation levels, dielectric tests and external clearance in air	Approved	IEC 60076-3
64	Power transformer - Part 4: Guide to the lightning impulse and switching impulse testing - Power transformers and reactors	Approved	IEC 60076-4
65	Power transformer - Part 5: Ability to withstand short circuit	Approved	IEC 60076-5
66	Power transformer - Part 6: Reactors	Approved	IEC 60076-6
67	Power transformer - Part 7: Loading guide for oil-immersed power transformers	Approved	IEC 60076-7
68	Power transformer - Part 8: Power transformer application guide	Approved	IEC 60076-8
69	Power transformer - Part 10-1: Determination of sound level-Application guide	Approved	IEC 60076-10-1
70	Power transformer - Part 10: Determination of sound levels	Approved	IEC 60076-10
71	Power transformer - Part 11: Dry-type transformers	Approved	IEC 60076-11
72	Power transformer - Part 12: Loading guide for dry type transformers	Approved	IEC 60076-12
73	Power transformer - Part 14: Design and application of liquid-immersed power transformers using high-temperature insulation materials	Approved	IEC 60076-14
74	Power transformer - Part 13: Self-protected liquid-filled transformers	Approved	IEC 60076-13

75	Power transformer - Part 15: Gas-filled power transformers	Approved	IEC 60076-15
76	Power transformer - Part 16: Transformers for wind turbine applications	Approved	IEC 60076-16
77	Power transformer - Part 21: Standard requirements, terminology, and test code for step-voltage regulators	Approved	IEC 60076-21
78	Fluids for electro technical applications-Unused mineral insulating oils for transformers and switchgear	Approved	IEC 60296
79	Appliance couplers for household and similar general purposes - Part 2-2: Interconnection couplers for household and similar equipment	Approved	IEC 60320-2-2
80	Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications	Approved	IEC 62560
81	Appliance couplers for household and similar general purposes - Part 2-1: Sewing machine couplers	Approved	IEC 60320-2-1
82	Electrical test methods for electric cables. Part 1: Electrical tests for cables, cords and wires for voltages up to and including 450/750 V	Approved	IEC 60885-1
83	Low-voltage fuses - Part 1: General requirements	Approved	IEC 60269-1
84	Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to J	Approved	IEC 60269-2
85	Low-voltage fuses - Part 5: Guidance for the application of low-voltage fuses	Approved	IEC/TR 60269-5
86	Low-voltage fuses - Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems	Approved	IEC 60269-6
87	Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems	Approved	IEC 60099-4
88	Surge arresters - Part 5: Selection and application recommendations	Approved	IEC 60099-5
89	Surge arresters - Part 6: Surge arresters containing both series and parallel gapped structures - Rated 52 kV and less	Approved	IEC 60099-6
90	Surge arresters - Part 8: Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV	Approved	IEC 60099-8
91	Power transformer - Part 18: Measurement of frequency response	Approved	IEC 60076-18

92	Low-voltage fuses - Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications) - Examples of standardized systems of fuses A to F	Approved	<u>IEC 60269-3</u> <u>Consol. with</u> <u>am1 (2013-01)</u>
93	Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices	Approved	<u>IEC 60269-4</u> <u>Consol. with</u> <u>am1 (2012-05)</u>
94	Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods	Approved	IEC 60865-1
95	Short-circuit currents - Calculation of effects - Part 2: Examples of calculation	Approved	IEC/TS 60865-2
96	plugs and socket-outlets for house hold and similar purposes Part 1: General requirments	Approved	IEC 60884-1
97	Plugs and socket - outlets for domestic and similar general use standardized in member countries of IEC	Approved	IEC 60083/TR
98	Electrical test methods for electric cables. Part 2: Partial discharge tests	Approved	IEC 60885-2
99	Electrical installations of buildings – Part 1: Fundamental principles, assessment of general characteristics, definitions	Approved	IEC 60364-1
100	Low-voltage switchgear and controlgear - Part 1: General rules	Approved	IEC 60947-1
101	Low-voltage switchgear and controlgear - Part 2: Circuit- breakers	Approved	IEC 60947-2
102	Electrical installations of buildings - Part 5: Selection and erection of electrical equipment - Chapter 56: Safety services	Approved	IEC 60364-5-56
103	Classification of environmental conditions - Part 1: Environmental parameters and their severities	Approved	IEC 60721-1
104	Classification of environmental conditions - Part 2-1: Environmental conditions appearing in nature - temperature and humidity	Approved	IEC 60721-2-1
105	Classification of environmental conditions - Part 2: Environmental conditions appearing in nature – Earthquake vibration and shock	Approved	IEC 60721-2-6
106	Classification of environmental conditions - Part 2: Environmental conditions appearing in nature - Section 8: Fire exposure	Approved	IEC 60721-2-8
107	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Introduction	Approved	IEC 60721-3-0
108	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 9-1: Micropower systems	Approved	IEC 62257-9-1/TS

109	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 1: General introduction to rural electrification.	Approved	IEC 62257-1/TS
110	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 2: From requirements to a range of electrification systems	Approved	IEC 62257-2/TS
111	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 3: Project development and management	Approved	IEC 62257-3/TS
112	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 7-3: Generator set - Selection of generator sets for rural electrification systems	Approved	IEC 62257-7-3/TS
113	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 9-2: Microgrids	Approved	IEC 62257-9-2/TS
114	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 9-3: Integrated system -User interface	Approved	IEC 62257-9-3/TS
115	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 9-4: Integrated system -User installation	Approved	IEC 62257-9-4/TS
116	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 4: System selection and design	Approved	IEC 62257-4/TS
117	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 6: Acceptance, operation, maintenance and replacement	Approved	IEC 62257-6/TS
118	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 7-1: Generators -Photovoltaic generators	Approved	IEC 62257-7-1/TS
119	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 7: Generators	Approved	IEC 62257-7/TS
120	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 8-1: Selection of batteries and battery management systems for stand-alone electrification systems - Spec	Approved	IEC 62257-8-1/TS
121	Hydraulic Turbine - Testing of control systems	Approved	IEC 60308
122	Boxes and enclosures for electrical accessories for house hold and similar fixed electrical installations - Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipments	Approved	IEC 60670-24

123	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 9-5: Integrated system -Selection of portable PV lanterns for rural electrification projects	Approved	IEC 62257-9-5/TS
124	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 9-6: Integrated system -Selection of Photovoltaic Individual Electrification Systems(PV-IES)	Approved	IEC 62257-9-6/TS
125	Short Circuit Currents in DC auxiliary installations in power plants and substations	committee	IEC 61660-2
126	IEC system of plugs and socket-outlets for house hold and similar purposes Part 2: Plugs and socket-outlets 15 A 125 V a.c. and 20 A 125 V a.c.	committee	IEC 60906-2
127	Low-voltage switchgear and controlgear assemblies - Part 1: General rules	committee	IEC 61439-1
128	Cable management - Cable tray systems and cable ladder systems	committee	IEC 61537
129	Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors	committee	IEC 60445
130	Hydroelectric power plant automation - Guide for computer-based control	committee	IEC 62270
131	Design guidelines and recommendations for photovoltaic power plants	committee	IEC 62738
132	Classification of environmental conditions - Part 2: Environmental conditions appearing in nature - precipitation and wind	committee	IEC 60721-2-2
133	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 1: storage	committee	IEC 60721-3-1
134	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 2: Transportation	committee	IEC 60721-3-2
135	Wind Turbines: Tower and foundation design	committee	IEC 88-419
136	Guide for commissioning, operation and maintenance of hydraulic turbines	committee	IEC 60545
137	Hydraulic machines - Guide for dealing with hydro-abrasive erosion in Kaplan, Francis and Pelton turbines	committee	IEC 62364
138	Guide to specification of hydraulic turbine governing systems	committee	IEC 61362
139	Hydraulic machines - Acceptance tests of small hydroelectric installations	committee	IEC 62006
140	Nomenclature for hydroelectric powerplant	committee	IEC/TR 61364

	machinery		
141	Classification of environmental conditions - Part 3-3: Classification of groups of environmental parameters and their severities - Stationary used at weatherprotected locations	committee	IEC 60721-3-3
142	Classification of environmental conditions-Part3:	committee	
143	Classification of groups of environmental parameters and their severities - Section 4: Stationary used at non weatherprotected locations	committee	IEC 60721-3-4
144	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 5: Ground vehicle instalations	committee	IEC 60721-3-5
145	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Ship environment	committee	IEC 60721-3-6
146	Classification of environmental conditions - Part 3-7: Classification of groups of environmental parameters and their severities - Porable and non-stationary use	committee	IEC 60721-3-7
147	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 9: Microclimates inside products	committee	IEC 60721-3-9
148	Classification of environmental conditions - Part 4.0: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Introduction	committee	IEC 60721-4-0
149	Classification of environmental conditions - Part 4.1: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Storage	committee	IEC 60721-4-1
150	Classification of environmental conditions - Part 4.2: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Transportation	committee	IEC 60721-4-2
151	Classification of environmental conditions - Part 4.3: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Stationary use at weatherprotected locations	committee	IEC 60721-4-3

152	Classification of environmental conditions - Part 4.4: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Stationary use at non-weatherprotected locations	committee	IEC 60721-4-4
153	Classification of environmental conditions - Part 4.5: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Ground vehicle instalations	committee	IEC 60721-4-5
154	Classification of environmental conditions-Part 4.6.Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Ship environment	committee	IEC 60721-4-6
155	Classification of environmental conditions - Part 4.7. Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068-Portable and non-stationary use	committee	IEC 60721-4-7
156	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 12-1: Selection of self ballasted lamps (CFL) for rural electrification systems and recommendations for h	committee	IEC 62257-12-1/TS
157	Heating cables with a rated voltage of 300/500 V for comfort heating and prevention of ice formation	committee	IEC 60800
158	Instrument transformers Part 6: Requirments for protective current transformers for transient performance	committee	IEC 60044-6
159	Single-capped fluorescent lamps - Performance specifications	committee	IEC 60901
160	High-voltage switchgear and controlgear- Part 1: Common specifications	committee	IEC 62271-1
161	High-voltage switchgear and controlgear- Part 105:Alternating current switch-fuse combinations	committee	IEC 62271-105
162	Environmental testing - Part 2-1: Tests - Test A: Cold	committee	IEC 60068-2-1
163	Environmental testing. Part 1: General and guidance	committee	IEC 60068-1
164	Methods for the determination of the dielectric properties of insulating materials at frequencies above 300 MHz. Part 1: General	committee	IEC 60377-1
165	Explosive atmospheres - Part 0: Equipment - General requirements	committee	IEC 60079-0

166	Acceptance inspection for direct connected alternating current static watt-hour meters for active energy (classes 1 and 2)	committee	IEC 61358
167	Electrical installations of buildings - Part 7: Requirements for special installations or locations - Section 702: Swimming pools and other basins	committee	IEC 60364-7-702
168	Appliance couplers for household and similar general purposes - Part 2-4: Couplers dependent on appliance weight for engagement	committee	IEC 60320-2-4
169	Switches for appliances - Part 1: General requirements	committee	IEC 61058-1
170	Letters symbols to be used in electrical technology - Part 1.General	committee	IEC 60027-1
171	Letters symbols to be used in electrical technology - Part 2:Telecommunications and electronics	committee	IEC 60027-2
172	Letters symbols to be used in electrical technology - Part 7.Control Technology	committee	IEC 60027-7
173	Electric Relays - Part 13: Biased (percentage) differential relays	committee	IEC 60255-13
174	Electric Relays - Part 16: Impedance measuring relays	committee	IEC 60255-16
175	Electric Relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipments - section Two: shock and bump tests	committee	IEC 60255-21-2
176	Electric Relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipments - section 3: Seismic tests	committee	IEC 60255-21-3
177	Measuring relays and protection equipment - Part 22-1: Electrical disturbance tests - 1 MHZ burst immunity tests	committee	IEC 60255-26
178	Measuring relays and protection equipment - Part 26:Electromagnetic compatibility requirements	committee	IEC 60255-26
179	Measuring relays and protection equipment - Part 27: Product safety requirements	committee	IEC 60255-27
180	High-voltage test techniques - Partial discharge measurements	committee	IEC 60270
181	Graphical symbols for diagrams - 12-month subscription to online database comprising parts 2 to 13 of IEC 60617	committee	IEC 60627-DB-12M
182	High-voltage switchgear and controlgear - Part 1: Common specifications	committee	IEC 62271-1
183	Basic and safety principles for man-machine interface marking and identification of equipment terminals, conductor terminations and conductors	committee	IEC 60445



184	Field acceptance tests to determine the hydraulic performance of hydraulic turbines, storage pumps and pump-turbines	committee	IEC 60041
185	Short Circuit Current in 3-Phase system	committee	IEC 60909
186	Grid connected photovoltaic systems - Minimum requirements for system documentation, commissioning tests and inspection	committee	IEC 62446
187	PV systems on buildings	committee	IEC 62748
188	Junction boxes for photovoltaic modules - Safety requirements and tests	committee	IEC 62790
189	Inverters for photovoltaic stand-alone systems	committee	IEC PVRS8A
190	Instrument transformers- Part 1: Current transformers	preparatory	IEC 60044-1
191	IEC system of plugs and socket-outlets for house hold and similar purposes Part 1: Plugs and socket-outlets 15 A 250 V a.c.	preparatory	IEC 60906-1
192	Measuring relays and protection equipment - Part 1: Common requirements	preparatory	IEC 60255-1
193	Electric Relays - Part 5: Insulation coordination for measuring relays and protection equipment - Requirements and tests	preparatory	IEC 60255-5
194	Electric Relays - Part 8: Thermal electrical relays	preparatory	IEC 60255-8(Replaced by : 60255-149 )
195	Measuring relays and protection equipment - Part 11 Voltage dips, short interruptions, variations and ripple on auxiliary power supply port	preparatory	IEC 60255-11(Replaced by 60255-26 )
196	Electric Relays - Part 12: Directional relays and power relays with two input energizing quantities	preparatory	IEC 60255-12
197	Recommendations for small renewable energy and hybrid systems for rural electrification - Part 5: Protection against electrical hazards	preparatory	IEC 62257-5/TS
198	Calculation of thermally permissible short- Circuit currents, taking in to account non-adiabatic heating effects	preparatory	IEC 60949 + am1
199	Short Circuit temperature limits of electric cables with rated voltage from 6 kV to 36 kV	preparatory	IEC 60986
200	plugs and socket-outlets for house hold and similar purposes Part 2-1: Particular requirements for fused plugs	preparatory	IEC 60884-2-1
201	plugs and socket-outlets for house hold and similar purposes Part 2-2: Particular requirements for socket- outlets for appliances	preparatory	IEC 60884-2-2
202	plugs and socket-outlets for house hold and similar purposes Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed	preparatory	IEC 60884-2-3

	instalations.		
203	plugs and socket-outlets for house hold and similar purposes Part 2-6: Particular requirments for switched socket-outlets with interlock for fixed instalations.	preparatory	IEC 60884-2-6
204	plugs and socket-outlets for house hold and similar purposes Part 2-7: Particular requirments for cord extension sets	preparatory	IEC 60884-2-7
205	Electrical accessories - Cords sets and interconnection cord sets	preparatory	IEC 60799
206	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 707 – Earthing requirements for the installation of data processing equipment	preparatory	IEC 60364-7-707
207	Testing equipment for electrical energy meters	preparatory	IEC 60736
208	Electricity metering equipment-dependability-Part 11: General concepts	preparatory	IEC 62059-11
209	Classification of environmental conditions - Part 2:Environmental conditions apearing in nature - Air pressure	preparatory	IEC 60721-2-3
210	Classification of environmental conditions - Part 2: Environmental conditions apearing in nature - Solar radiation and temperature	preparatory	IEC 60721-2-4
211	Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for a.c. and d.c. operation	preparatory	IEC 60898-2
212	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	preparatory	IEC 60929
213	Appliance couplers for household and similar general purposes - Part 1: General requirements	preparatory	IEC 60320-1
214	Appliance couplers for household and similar general purposes - Part 2-3: Appliance couplers with a degree of protection higher than IPX0	preparatory	IEC 60320-2-3
215	Instument transformers- Part 7: Electronic voltage transformers	preparatory	IEC 60044-7
216	Instument transformers- Part 8: Electronic Current transformers	preparatory	IEC 60044-8
217	Classification of environmental conditions - Part 2:Environmental conditions apearing in nature - Section 5: dust, sand, salt mist	preparatory	IEC 60721-2-5
218	Letters symbols to be used in electrical techniology - Part 4: Rotating electic machines	preparatory	IEC 60027-4

219	Guide for commissioning, operation and maintenance of hydraulic turbines	preparatory	IEC 60545
220	Environmental testing - Part 1: General and guidance	preparatory	IEC 60068-1
221	Environmental testing - Part 1: Tests- Test A: Cold	preparatory	IEC 60068-2-1
222	Letters symbols to be used in electrical technology - Part 3: Logarithmic and related quantities, and their units	preparatory	IEC 60027-3
223	Classification of environmental conditions - Part 2: Environmental conditions appearing in nature - Fauna and flora	preparatory	IEC 60721-2-7
224	Live working - Terminology for tools, devices and equipment	preparatory	IEC 60743
225	Photovoltaic pumping systems - Design qualification and performance measurements	preparatory	IEC 62253
226	Cable trunking and ducting systems for electrical installations - Part 1: General requirements	preparatory	IEC 61084-1
227	Loading tests on overhead line structures	preparatory	IEC 60652
228	Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons	preparatory	<u>IEC 60335-2-3 ed6.0 (2012-03)</u>
229	Household and similar electrical appliances - Safety - Part 1: General requirements	preparatory	IEC 60335-1 ed5.1 Consol. with am1
230	Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	preparatory	IEC 60335-2-2 ed6.1 Consol. with am1
231	Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines	preparatory	<u>IEC 60335-2-7 ed7.1 Consol. with am1 (2012-03)</u>
232	Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters	preparatory	<u>IEC 60335-2-21 ed6.0 (2012-11)</u>
233	Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines	preparatory	<u>IEC 60335-2-28 ed4.1 Consol. with am1 (2008-07)</u>
234	Electrical installation of Buildings part 5-52: Selection and erection of electricla equipment-wiring system	preparatory	IEC 60364-5-52
235	Electrical installations of buildings Part 5: Selection and erection of electrical equipment Chapter 54: Earthing arrangements and protective conductors	preparatory	IEC 60364-5-54

236	Live working - Minimum requirements for the utilization of tools, devices and equipment	preparatory	IEC 61477
237	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 1: General requirements.	preparatory	IEC 61557-1
238	Live working - Minimum approach distances for a.c. systems in the voltage range 72,5 kV to 800 kV - A method of calculation	preparatory	IEC 61472
239	Effects of current on human beings and livestock - Part 1: General aspects	preparatory	IEC/TS 60479-1
240	Hydraulic turbines, storage pumps and pump-turbines - Tendering Documents - Part 2: Guidelines for technical specifications for Francis turbines	preparatory	IEC/TR 61366-2
241	Hydraulic turbines, storage pumps and pump-turbines - Tendering documents - Part 3: Guidelines for technical specifications for Pelton turbines	preparatory	IEC/TR 61366-3
242	Hydraulic turbines, storage pumps and pump-turbines - Tendering Documents - Part 4: Guidelines for technical specifications for Kaplan and propeller turbines	preparatory	IEC/TR 61366-4
243	Design criteria of overhead transmission lines	preparatory	IEC 60826
244	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements	preparatory	IEC 61010-1
245	Overhead lines - Requirements and tests for spacers	preparatory	IEC 61854
246	Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 10: Combined measuring equipment for testing, measuring and monitoring of protective measures	preparatory	IEC 61557-10
247	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 2: Insulation resistance	preparatory	IEC 61557-2
248	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids	preparatory	IEC 60335-2-15 ed6.0
249	Photovoltaic (PV) stand alone systems - Design verification	preparatory	IEC 62124
250	Battery charge controllers for photovoltaic systems - Performance and functioning	preparatory	IEC 62509

251	Overhead lines - Calculation of the electrical component of distance between live parts and obstacles - Method of calculation	preparatory	IEC 61865
252	Overhead lines - Meteorological data for assessing climatic loads	preparatory	IEC/TS 61774
253	Electromechanical equipment guide for small hydroelectric installations	preparatory	IEC 61116
254	Wind turbines - Part 2: Small wind turbines	preparatory	61400-2
255	Electricity metering equipment (a.c.) - Particular requirements - Part 11: Electromechanical meters for active energy (classes 0.5, 1 and 2)	preparatory	IEC 62053-11
256	Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 0.2 s & 0.5 s)	preparatory	IEC 62053-23
257	Wind turbines - Part 24: Lightning protection	preparatory	IEC 61400-24
258	Wind turbines - Part 1: Design requirements	preparatory	IEC 61400-1
259	Corrigendum 1 - Guide for field measurement of vibrations and pulsations in hydraulic machines (turbines, storage pumps and pump-turbines)	preparatory	IEC 60994
260	Electricity metering equipment (AC) - Acceptance inspection-Part 21:Particular requirements for electromechanical meters for active energy (classes 0,5,1 and 2)	preparatory	IEC 62058-21
261	Wind turbines - Part 11: Acoustic noise measurement techniques	preparatory	IEC 61400-11
262	Wind turbines - Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry	preparatory	IEC 61400-12-2
263	Salt mist corrosion testing of photovoltaic (PV) modules .	preparatory	IEC 61701 ed2.0
264	Electrical installations of buildings – Part 5-55: Selection and erection of electrical equipment – Other equipment	proposal	IEC 60364-5-55
265	Electrical installations of buildings -Part 5:Selection and erection of electrical equipment - Section 548: Earthing arrangements and equipotential bonding for information technology installations	proposal	IEC 60364-5-548

## AMAS -Technical Committee TC-16

1	AMAS-05.01 Land Release	Approved	IMAS
2	AMAS-05.02 Mine ERW Survey	Approved	IMAS
3	AMAS-05.03 Marking of Mine/ERW	Approved	IMAS
4	AMAS-05.04 Community Liaison	Approved	IMAS
5	AMAS 06.01 Mine Clearance Requirements	Approved	IMAS
6	AMAS 06.02 Battle Area Clearance	Approved	IMAS
7	AMAS 06.03 Explosive Ordnance Disposal	Approved	IMAS
8	AMAS 06.05 Mechanical Assisted Clearance Operations	Approved	IMAS
9	AMAS 06.07 Demolition of Mines and ERW	Committee	IMAS
10	AMAS 06.08 Central Disposal Site (CDS)	Committee	IMAS
11	AMAS 06.09 Handover of Released Land	Committee	IMAS
12	AMAS 06.06 Mine Detection Dogs Operations	Committee	IMAS
13	AMAS 07.01 Site Setup and Demining Worksite Safety	Committee	IMAS
14	AMAS 07.02 Personal Protective Equipment (PPE)	Committee	IMAS
15	AMAS 07.04 Storage, Transportation and Handling of Explosives	Committee	IMAS
16	AMAS 07.05 Demining Accident Investigation	Committee	IMAS
17	AMAS 07.03 Medical Support and Casualty Evacuation	Committee	IMAS
18	AMAS 08.01 Information Management	Committee	IMAS
19	AMAS 08.03 Communications	Committee	IMAS
20	AMAS 09.02 Reporting	Committee	IMAS

21	AMAS 09.01 Mine ERW Risk Education (M ERW RE)	Committee	IMAS
22	AMAS 09.02 Victim Assistance (VA)	Committee	IMAS
23	AMAS- 03.02 Mine Action Planning and Prioritization	Committee	IMAS
24	AMAS 07.06 Environmental Management	Enquiry	IMAS

### **TC- 17 Chemical & Plastic standards**

1	Standard Specification for Rigid Poly (Vinyl Chloride)(PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors I	Enquiry	ASTMD4726
2	Standard Specification for Carpet cleaning products high foam formulations in liquid form	Enquiry	ISIRI2364
3	Safety of toys – safety aspects related to mechanical and physical properties	Enquiry	ISIRI 6204
4	Liquid oven cleaners specifications and test methods	Enquiry	ISIRI 6071
5	Detergents Glass Cleaner Specifications and test methods	Enquiry	ISIRI3305
6	Tires Safety regulations for tires in service condition specification	Committee	ISIRI16630
7	Paint and varnishes-Artists' watercolor Specifications	Preparatory	ISIRI17355
8	Specifications and test methods Phosphoric Acid	Preparatory	ISIRI210
9	Standard Specification for Sulfonic Plastics(SP)1	proposal	ASTMD6394

### **TC-2 Quality Management Systems**

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	Enquiry	ISO 3166-1:2013
4	Codes for the representation of name of countries and their subdivisions , Part 2: Country subdivision Code	Enquiry	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	Enquiry	ISO 3166-3:2013
6	Point of care testing ( POCT ) – Requirements for quality and competence	Committee	ISO 22870:2006
7	Food safety management systems – Requirements for any organization in the food chain	Committee	ISO 22000:2005
8	Food safety management systems – Requirements for bodies providing audit and certification of food safety	Committee	ISO 22003:2013

	management systems		
9	Food safety management systems – Guidance on the application of ISO 22000:2005	Committee	ISO 22004:2005
10	Energy management systems – Requirements with guidance for use	Committee	ISO 50001:2011
11	Occupational health and Safety Management Systems – Requirements	Committee	OHSAS 18001:2007
12	Occupational health and Safety Management Systems – Requirements	Proposal	OHSAS 18002:2008

### **TC-3 Food and Agricultural**

1	Walnut in shell	Approval	ISIRI 212:2007
2	Walnut kernel	Approval	ISIRI 18:2007
3	Olive oils and olive pomace oils	Enquiry	Codex – 33-1981
4	Rice	Enquiry	Codex – 198-1995
5	Dry fruits –Determination of the moisture content-test methods	Enquiry	INSO 672: 2015 1st.Revision
6	Standard for melon	Committee	ISIRI242:2007
7	Biscuit	Preparatory	ISIRI 37:2007
8	Dried mulberry	Preparatory	ISIRI 3507:2007
9	Codex Standard for Pickled Fruits and Vegetables	Preparatory	<u>CODEX STAN 260-2007</u>
10	Dried fig – specification and test method	Proposal	ISIRI 2:2007

### **TC-4 Pharmaceuticals and Cosmetics**

1	Sampling procedures guideline for inspection by attributes	Enquiry	ISO 2859
2	lipstick – chemical & physical specification and test methods	Enquiry	ISIRI 14622
3	Methods of test for henna powder	Enquiry	IS7159
4	Standard of Microbiology of shampoo- specification and test methods	Enquiry	ISIRI 3271
5	Specification for body deodorant	Enquiry	ISIRI 1769
6	Standard of Test methods to determine efficacy of disinfection processes for reusable medical devices (stimulated use test)	Enquiry	1837ASTM E
7	Standard of Vaseline petroleum jelly	Enquiry	ISIRI 3949



8	Standard of Microbiology of cosmetics Detection of pseudomonas aeruginosa	Enquiry	ISIRI 9793
9	Standard of Liquid Disinfectant soap for medical use	Enquiry	ISIRI 1206
10	Face pack- specifications	Enquiry	IS 15153
11	Surgical and dental hand instruments – Determination of resistance against autoclaving, corrosion and thermal exposure	Enquiry	ISO 13402
12	Liquid Disinfectant soap for medical use	Enquiry	ISIRI2218
13	Skin powder – specification (second Revision)	Enquiry	IS 3959 :
14	Industry of Cosmetic Determination of Arsenic – Test method 1st Revision	Enquiry	SIRI 1106
15	Dentistry – Sterile injection needles for single use specification and test method	Enquiry	5554ISIRI
16	Hard dental plaster specification and test methods	Enquiry	ISIRI 2569
17	Dentistry- Products for external tooth bleaching	Enquiry	ISIRI16174
18	Sanitary guideline and microbiological specification for shampoos	Enquiry	ISIRI 3271
19	Standard of Baby diapers- physical and chemical specifications and test methods	Enquiry	ISIRI 2528
20	Dental vocabulary list – basic terms	Enquiry	2818
21	Standard of Skin cream – specification has been adopted from the Standard	Enquiry	IS 6608
22	KAJAL – SPECIFICATIONS	Enquiry	IS 15154
23	intravascular catheter–sterile and single use catheters part 5- over needle peripheral catheters	Enquiry	ISO 14972
24	Liquid foundation makeup- specification	Committee	IS 14318
25	Cosmetics – Good manufacturing practice ( GMP ) guidelines on good manufacturing practice	Committee	ISO 13402
26	Sterile single use intravascular catheter introducer Part 3 : central venous catheters	Committee	ISO 11070-3
27	Dental unit ( specification and test methods )	Committee	ISIRI 3806
28	intravascular catheter–sterile and single use catheters part 4 Balloon dilatation catheters	Preparatory	ISO 10555- 4
29	Medical sphygmomanometers- part 1	Proposal	ISO 81060 1:2007
30	Intravascular catheters sterile single use catheters- part 6	Proposal	ISO 10555 62015E
<b>TC-5 Construction</b>			
1	Abrasion resistance of dimension stone subjected to foot traffic using a rotary platform abraser	Enquiry	C1353/C1353 15a
2	Absorption and bulk specific gravity of dimension stone	Enquiry	C97/C97 - 15

3	Standard Specification for hot-mixed, hot-laid Bituminous paving Mixtures	Enquiry	ASTM D3515-01
4	Standard Specification for Concrete Pipe for Irrigation or Drainage	Committee	ASTM C118
5	Standard Specification for Structural Steel for Bridges	Preparatory	<u>ASTM</u> <u>A709/A709M-</u> <u>16a</u>
6	Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete	Preparatory	ASTM C869
7	Standard Specification for Steel Sheet Piling	Proposal	<u>ASTM</u> <u>A328/A328M-</u> <u>13a</u>
<b>TC-6 Petroleum Products</b>			
1	Standard Specification for Performance of Manual Transmission Gear Lubricants	Approval	ASTM D 5760
2	Minimum requirements for the content of the user manual for automotive LPG systems	Approval	ISIRI 12020
3	Equipment of motor vehicle using liquefied petroleum gases- Flexible hoses with coupling	Approval	ISIRI 4264-18
4	Equipment of motor vehicle using liquefied petroleum gases - Fuel rail	Approval	ISIRI 4264-23
5	Crude petroleum. General specification	Approval	GOST R 51858
6	Abrasion resistance of dimension stone subjected to foot traffic using a rotary platform abraser	Enquiry	C1353/C1353 15a
7	Absorption and bulk specific gravity of dimension stone	Enquiry	C97/C97 - 15
8	Standard Specification for hot-mixed, hot-laid Bituminous paving Mixtures	Enquiry	ASTM D3515-01
9	Standard Specification for Mineral Insulating Oil Used	Committee	ASTM D3487

	in Electrical Apparatus		
10	Standard Specification for Performance of Active API Service Category Engine Oils	Preparatory	ASTM D4485
11	Condensate gas stable specification	proposal	Gost-54389
<b>TC-14 Environmental</b>			
1	Mobile waste and recycling containers Part 5: Performance requirements and Test methods	Enquiry	INSO 18658-5
2	Mobile waste and recycling containers Part 6: Safety and health requirements	Enquiry	INSO 18658-6
3	Soil quality — Guidance for burial of Animal carcasses to prevent epidemics	Enquiry	INSO 19106
4	Standard practice for processing mixtures fly ash and heavy Metal wastes in structural fills and other construction.	Enquiry	ASTM-E-1266-88
5	Landscape - Design of Sprinkler Irrigation – Code of Practice	Committee	INSO19642
6	Standard practice for shredder explosion protection	Committee	ASTM E 1248-90
7	Compostable plastics – Specifications	Preparatory	INSO 12193
8	Drainage of landfill-Design, construction and operation	Preparatory	INSO 17187
9	Packaging and the environment Energy recovery	proposal	INSO- 18438

## DRAFT AFGHAN STANDARDS BY SECTOR

TECHNICAL COMMITTEE (TC)	TOTAL	STAGES					
		proposal	preparatory	Committee	Enquiry	Approval	Publication
TC2	12	1	-	6	3	2	-
TC3	10	1	3	1	3	2	-
TC4	30	2	1	4	23	-	-
TC5	7	1	2	1	3	-	-
TC6	11	1	1	1	3	5	-
TC8	265	2	74	65	-	124	
TC14	9	1	2	2	4	-	-
TC17	9	1	2	1	5	-	-
TC16	24	-	-	15	1	8	-