Please ensure this form is annexed to the Report to the Standardization Management Board if it has been prepared during a meeting, or sent to the Central Office promptly after its contents have been agreed by the committee.

A. STATE TITLE AND SCOPE OF TC

Are there any new or emerging trends in technology that will impact the scope and work activities of the TC? Please describe briefly.

Do you need to update your scope to reflect new and emerging technologies? If yes, will these changes impact another TC’s scope or work activities?

If yes, describe how these will impact another TC(s) and list the TC(s) it would impact

Title: TC 72, Automatic electrical controls

Scope:

To prepare standards related to inherent safety, to the operating characteristics where such are associated with application safety, and to the testing of automatic electrical control devices used in appliances and other apparatus, electrical and non-electrical, for household and similar purposes, but also extended to industrial purposes when no dedicated product standards exist, such as that for central heating, air conditioning, process heating building automation, etc., including the following:

1. Automatic electrical control devices, mechanically, electromechanically, electrically or electronically operated, responsive to or controlling parameters such as temperature, pressure, passage of time, humidity, light, electrostatic effect, flow or liquid level.
2. Automatic electrical control devices serving the starting of small motors that are used principally in appliances and apparatus for household and similar purposes. Such control devices may be built into or be separate from the motor.
3. Non-automatic control devices when such are associated with automatic control devices.

New or emerging trends in technology that may impact TC72:

Cyber-security

Functional Safety

Expanded use of intelligence in products, and the linking of products by information technology & wireless solutions (“internet of things”)

Products being made smaller and more compact

The Scope of TC 72 does not need updating at this time.
B. MANAGEMENT STRUCTURE OF THE TC

Describe the management structure of the TC (use of an organizational chart is acceptable) (should be integrated by CO automatically) and, if relevant (for example an unusual structure is used), provide the rationale as to why this structure is used.

Note: Check if the information on the IEC website is complete.

When was the last time the TC reviewed its management structure? Describe any changes made. When does the TC intend to review its current management structure? In the future, will the TC change the current structure, for example due to new and emerging technologies, product withdrawal, change in regulations etc. Please describe.

Make sure the overview includes:
- any joint working groups with other committees,
- any special groups like advisory groups, editing groups, etc.

Current management structure of TC72 (correctly shown on IEC website):

- Chairman, Secretary and Assistant Secretary
- WG 1 Burner controls and maintenance of 60730-2-5
- WG 3 Motor protectors and maintenance of 60730-2-3, 60730-2-10, 60730-2-22
- WG 5 Timers and maintenance of 60730-2-7
- WG 6 Temperature and pressure sensing controls and maintenance of 60730-2-6, 60730-2-9, 60730-2-11, 60730-2-12, 60730-2-13, 60730-2-15
- WG 8 Use of electronics in automatic electrical controls and maintenance of 60730-1
- WG 9 Electric actuators and valves 60730-2-8, 60730-2-14
- WG 10 General matters except electronics and maintenance of 60730-1
- AG 1 Part 1 Restructure Advisory Group

Management structure will be discussed during the TC72 Plenary meeting 2015-10-13. The convenorships of working groups will be reviewed. New convenors will be appointed for WG1 and WG 9 to take the place of Mr. Schwendemann, previous convenor of both working groups.

Due to term limits relative to the previous Chair and in accordance with SMB/5417A/RV, the new Chair is Mr. Eckhard Schwendemann, term 2015-07-01 to 2021-06-30.

C. BUSINESS ENVIRONMENT

Provide the rationale for the market relevance of the future standards being produced in the TC.

If readily available, provide an indication of global or regional sales of products or services related to the TC/SC work and state the source of the data.

Specify if standards will be significantly effective for assessing regulatory compliance.

Following are several aspects of the business environment which influence the work of TC 72:
- electrical, EMC, functional safety and mechanical aspects
- push for low cost, simple international standards
- the shorter life cycle of products
- risk of cyber attacks
- products that communicate via the internet, wirelessly or other dedicated networks such as
D. **Market Demand**

Provide a list of likely customers of the standards (suppliers, specifiers, testing bodies, regulators, installers, other TC/SC’s etc.). Do not specify company names, only categories of customers.

- Control and system manufacturers,
- Test houses
- OEMs

E. **Trends in Technology and in the Market**

If any, indicate the current or expected trends in the technology or in the market covered by the products of your TC/SC.

Refer to section A above.

F. **System Approach Aspects (Reference - AC/33/2013)**

Does your TC/SC have a need for a systems approach?

If so:
- Will the Systems work be in a single TC or in multiple TCs?
- Will a Systems Evaluation Group (SEG), Systems Committee (SyC), or Systems Resource Group be required?
- Is your TC/SC work of relevance to ISO?
- Is or are there fora or consortia working in parallel to IEC? Is there a chance to integrate this work in your TC/SC?

This should not only be restricted to the customer/supplier relationships with other TC/SCs indicating types of co-operation (e.g. liaisons, joint working groups) but be of a more generic nature.

If there is no need for a systems approach as outlined in AC/33/2013, is it intended a TC would not be requested to report on general systems approach considerations such as customer/supplier relationships, liaisons, joint WG, etc. as referenced in the system approach matrix illustrated in slide 14 of the presentation attached to AC/37/2006?

The table below illustrates various system approach aspects related to TC 72 (including relevance to ISO. It is not anticipated that an SEG or SyC will be required.

<table>
<thead>
<tr>
<th>Component committees (IEC TC72 as customer)</th>
<th>IEC/SC 23J, Switches for appliances</th>
<th>IEC/SC 32C, Miniature fuses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other system Committees (IEC TC72 as supplier)</td>
<td>IEC/TC 61, Safety of household and similar electrical appliances</td>
<td>IEC/SC 61C, Household appliances for refrigeration</td>
</tr>
<tr>
<td></td>
<td>IEC/TC 61/MT23, Functional safety related aspects of electronic circuits, remote control of household appliances and insulation coordination</td>
<td>IEC TC 105, Fuel cell technology</td>
</tr>
<tr>
<td></td>
<td>ISO TC 109, Forced draught oil and gas burner</td>
<td>IEC/TC 116, Safety of hand-held motor-operated electric tools</td>
</tr>
<tr>
<td>Other committees</td>
<td>SMB/SG3, Controls between Smart Grid and power consuming applications/local power generators</td>
<td></td>
</tr>
</tbody>
</table>
G. **Conformity Assessment**

With reference to clause 6.7 of Part 2 of the ISO/IEC directives, are all your publications in line with the requirements related to conformity assessment aspects?

Will the TC/SC publications be used for IEC Conformity Assessment Systems (IECEE, IECEx, IECQ, IECRE)?

Will any of your standards include test specifications, reproducible test requirements, and test methods?

Are there likely to be special conformity assessment requirements generated by any standards projects? If yes, list which projects.

TC 72 publications are in line with clause 6.7 of Part 2 of the IEC/ISO directives, and with the requirements related to conformity assessment aspects.

TC72 publications will be used in IECEE.

TC72 standards include test specifications, reproducible test requirements, and test methods

It is not likely that there will be special conformity assessment requirements generated by TC72 standards projects

H. **3-5 Year Projected Strategic Objectives, Actions, Target Dates**

<table>
<thead>
<tr>
<th>STRATEGIC OBJECTIVES 3-5 YEARS</th>
<th>ACTIONS TO SUPPORT THE STRATEGIC OBJECTIVES</th>
<th>TARGET DATE(S) TO COMPLETE THE ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepare amendments to the Part 1 and various Part 2s of the IEC 60730 series as market needs and technology innovations require</td>
<td>Review WG proposals and circulate DC’s outlining structural changes</td>
<td>Ongoing</td>
</tr>
<tr>
<td>Prepare structural revision of Part 1 and subsequently align Part 2s of the IEC 60730 series with the Part 1</td>
<td>Review WG proposals and circulate DC’s outlining structural changes</td>
<td>2018</td>
</tr>
</tbody>
</table>

Note: The progress on the actions should be reported in the RSMB.