

IEC-IEEE development of dual logo
standards on condition monitoring
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Kjell Spång
KS miltek

IEC-IEEE agreement

- Agreement between IEC and IEEE (AC/22/2008) in July 2008 makes it possible for IEC and IEEE to develop new standards in **joint IEC-IEEE projects** on either party's initiative
- Annex A Implementation of the agreement (45A/730/INF) added 2009-01-30

**Nuclear power plants – Instrumentation and control
important to safety – Electrical equipment condition
monitoring methods**

IEC/IEEE 62582-1 : General

IEC/IEEE 62582-2: Indenter modulus

IEC/IEEE 62582-3: Elongation at break

IEC/IEEE 62582-4: Oxidation induction techniques

IEC/IEEE 62582-5: Optical time domain reflectometry

Part 1, 2 and 4, activities after the last meeting of IEEE SC-2

- Beginning of June 2009: The project leader submitted the first drafts to IEC and IEEE (Part 1 General, Part 2 Indenter, Part 3 OIT/OITP)
- End of June 2009: Committee drafts (CD) sent to the IEC National Committees for comments before October 2, 2009
- July 2009: Drafts sent to IEEE experts for comments before end of August 2009
- September 14, 2009. Project team meeting in Yokohama. Preliminary discussion of comments from some National Committees of IEC. The following scheme for the future activities agreed upon

Future activities on Part 1, 2 and 4 agreed upon at the meeting in Yokohama on September 14, 2009

- 2009-10 Receive official IEC country and IEEE SC2 expert comments
- 2009-11 Fourth project team meeting to discuss comments received and corresponding revisions to CD1 documents
- 2009-11 Project Leader to revise and reorganize CD1 documents based on interim meeting discussions and send CD2 document to the Chairman of SC-2.1 for circulation within SC-2.1 for voting
- 2009-12 If voting from SC-2.1 is positive, CD2 sent to NPEC to receive permission from IEEE/NPEC to initiate IEEE pre-ballot
- 2010-01 NPEC meeting (January 20). Setting up of IEEE sponsor balloting group. Initiation of IEEE pre-ballot

IEC and IEEE balloting

- IEC committee draft for vote (CDV) / IEEE Sponsor Ballot
- *IEC and IEEE votes/ballots must close on the same day*

Final approval (after positive balloting results)

The IEC Central Office circulates the documents to the National Committees as a FDIS. Ballot open for 2 months

The IEEE TC submits the drafts to the IEEE-SA Standards Board for approval

Approved by IEC and IEEE

As some technical modifications can be introduced in the CDV after its approval to produce the FDIS, these proposals of FDIS will have to be submitted for 10 day sponsor ballot in IEEE before IEC FDIS ballot and IEEE standards board approval can be launched

The documents are published as a Joint IEC-IEEE International Standard, designated IEC/IEEE 62582-1, 62582-2, 62582-4

Future activities on Part 1, 2 and 4 agreed upon at the meeting in Yokohama on September 14, 2009, cont.

- 2010-02 Initiate IEEE pre- ballot (open for 60 days)
- 2010-04 IEEE balloters to provide comments
- 2010-05 Fifth project team meeting to discuss comments received from IEEE balloters and initiate CDVs
- 2010-06 Project leader to issue documents to the SC45A Secretary for circulation as CDVs and to IEEE Sponsor Ballot

Part 3 Elongation at break.

Status and future activities

- 2009-10 First draft distributed to the project team
- 2009-11 First draft discussed at the project team meeting
- 2010-02 Second draft distributed to the project team
- 2010-03 Comments from the project team members
- 2010-04 Third draft distributed to the project team
- 2010-05 Fifth Project team meeting. Preparation of final draft
- 2010-06 Final draft sent to IEC Secretariat
- 2010-07 CD sent to IEC country and IEEE experts
- 2010-10 Comments from IEC country and IEEE experts
- 2010-11 Sixth Project team meeting to discuss comments received and corresponding revisions to CD1 documents

Part 3 Elongation at break. future activities, cont

- 2010-01 Project Leader to revise and reorganize CD1 documents based on interim meeting discussions and circulate CD2 document to receive permission from IEEE/NPEC to initiate IEEE ballot
- 2010-02 Initiate IEEE ballot (open for 60 days)
- 2010-04 IEEE balloters to provide comments
- 2010-05 Fifth project team meeting to discuss comments received from IEEE balloters and initiate CDVs
- 2010-06 Project leader to issue documents to the SC45A Secretary for circulation as CDVs and to IEEE Sponsor Ballot