

# P62582-2-am1

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**Submitter Email:** [j.l.white@ieee.org](mailto:j.l.white@ieee.org)

**Type of Project:** Amendment to IEEE Standard 62582-2-2011

**PAR Request Date:** 03-Jul-2014

**PAR Approval Date:** 21-Aug-2014

**PAR Expiration Date:** 31-Dec-2018

**Status:** PAR for an Amendment to an existing IEEE Standard

**Root Project:** 62582-2-2011

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**1.1 Project Number:** P62582-2-am1

**1.2 Type of Document:** Standard

**1.3 Life Cycle:** Full Use

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**2.1 Title:** Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 2: Indenter Modulus Amendment 1

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**3.1 Working Group:** Working Group on Equipment Qualification (PE/NPE/WG\_2.1)

**Contact Information for Working Group Chair**

**Name:** John White

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**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE Power and Energy Society/Nuclear Power Engineering (PE/NPE)

**Contact Information for Sponsor Chair**

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**4.1 Type of Ballot:** Individual

**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 10/2014

**4.3 Projected Completion Date for Submittal to RevCom:** 10/2015

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 30

**5.2.a. Scope of the complete standard:** This part of IEC/IEEE 62582 contains methods for condition monitoring of organic and polymeric materials in instrumentation and control systems using the indenter modulus technique in the detail necessary to produce accurate and reproducible measurements. It includes the requirements for the selection of samples, the measurement system and measurement conditions, and the reporting of the measurement results.

The different parts of IEC/IEEE 62582 are measurement standards, primarily for use in the management of ageing in initial qualification and after installation. Part 1 of IEC/IEEE 62582 includes requirements for the application of the other parts of IEC/IEEE 62582 and some elements which are common to all methods. Information on the role of condition monitoring in the qualification of equipment important to safety is found in IEEE Std 323.

This standard is intended for application to non-energised equipment.

**Changes in scope:** This International Standard of IEC/IEEE 62582 contains methods for condition monitoring of organic and polymeric materials in instrumentation and control systems using the indenter modulus technique in the detail necessary to produce accurate and reproducible measurements. It includes the requirements for the selection of samples, the measurement system and measurement conditions, and the reporting of the measurement results. StandardsThe in different the parts of IEC/IEEE 62582-series are measurement standards, primarily for use in the management of ageing in initial qualification and after installation. Part 1 of IEC/IEEE 62582+ General includes requirements for the application of the other parts of IEC/IEEE 62582-series and some elements which are common to all methods. Information on the role of condition monitoring in the qualification of equipment important to safety is found in IEEE Std 323. This standard is intended for application to non-energised equipment.

**5.2.b. Scope of the project:** The scope is the correction of Figure 1, Figure 2, Figure A. 1 and Figure B.1 of IEC/IEEE 62582-2:2011.

**5.3 Is the completion of this standard dependent upon the completion of another standard:** No

**5.4 Purpose:** This document will not include a purpose clause.

**Changes in purpose:** This document is being developed jointly with IEC and will not have a purpose clause.

**5.5 Need for the Project:** Figure 1, Figure 2, Figure A. 1 and Figure B.1 of IEC/IEEE 62582-2:2011 need to be updated and corrected.

**5.6 Stakeholders for the Standard:** Nuclear power plants, other nuclear facilities, condition monitoring process developers, and those entities conducting equipment qualification programs.

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### Intellectual Property

**6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?:** No

**6.1.b. Is the Sponsor aware of possible registration activity related to this project?:** No

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**7.1 Are there other standards or projects with a similar scope?:** No

### 7.2 Joint Development

**Is it the intent to develop this document jointly with another organization?:** Yes

**Organization:** International Electrotechnical Commission (IEC)

**Technical Committee Name:** Instrumentation and control of nuclear facilities

**Technical Committee Number:** SC45A

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**8.1 Additional Explanatory Notes (Item Number and Explanation):** 1.1 This is a joint project with IEC and this is the numbering structure used for IEC documents.

5.2 IEEE Std 323 - Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations