

# P1210

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**Type of Project:** Modify Existing Approved PAR

**PAR Request Date:** 14-Nov-2016

**PAR Approval Date:** 17-Feb-2017

**PAR Expiration Date:** 31-Dec-2019

**Status:** Modification to a Previously Approved PAR for the Revision of a Standard

**Root PAR:** P1210 **Approved on:** 03-Sep-2015

**Root Project:** 1210-2004

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**1.1 Project Number:** P1210

**1.2 Type of Document:** Standard

**1.3 Life Cycle:** Full Use

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**2.1 Title:** Standard Tests for Determining Compatibility of Cable-Pulling Lubricants With Wire and Cable

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**3.1 Working Group:** Compatibility of Cable Jackets and Pulling Compounds Working Group (PE/IC/A08W/P1210\_WG)

**Contact Information for Working Group Chair**

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

**Name:** David Elliott

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**3.2 Sponsoring Society and Committee:** IEEE Power and Energy Society/Insulated Conductors (PE/IC)

**Contact Information for Sponsor Chair**

**Name:** Frank Frentzas

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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:** 05/2017

**4.3 Projected Completion Date for Submittal to RevCom**

**Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2017**

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 15

**5.2 Scope:** This standard applies to cable-pulling lubricants (compounds) and the testing and analysis of their interaction with wire and cable. Cable-pulling lubricants are used to lower the friction on cables when they are installed (pulled) into conduits, ducts, or directionally bored holes. These lubricants and/or their residues are in direct contact with the cable exterior covering and may remain so for the life of the cable. Cable-pulling lubricants should be compatible with the cable. They should not interfere with the function of any component of the cable system that they contact. Compatibility of cable-pulling lubricants with cable coverings is the only subject of this standard. Other important performance criteria for cable-pulling lubricants, such as friction reduction, toxicity, combustibility, and so on, are not discussed. This standard uses accepted cable performance standards whenever possible. Relevant standards are cited in the text and listed in Clause 2 and Annex A.

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

**5.4 Purpose:** This standard describes tests for determining the compatibility of cable-pulling lubricants with cable jacket or other exterior cable coverings. Compatibility of cable-pulling lubricants with a variety of common cable coverings is considered. Often, testing is confined to the effect of the lubricant on the physical properties of the jacket. When the electrical properties, such as dielectric withstand voltage or electrical resistivity, are important, the evaluation also includes these properties.

**5.5 Need for the Project:** update reference standards, test procedures and ensure all relevant materials used in cable construction are included

in standard with appropriate

**5.6 Stakeholders for the Standard:** Utilities, Contractors, Wire & Cable Installers, Cable and Lubricant Manufacturers and Distributors

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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:** Canadian Standards Association (CSA)

**Technical Committee Name:** TCWP Technical Committee for Wiring Products

**Technical Committee Number:** C231

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**8.1 Additional Explanatory Notes:** Revision is needed to update all referenced standards to current versions and remove withdrawn standards and include all relevant current standards.

Revision needed to include new materials used in cable **constructions**.

This PAR is being modified to include joint development with CSA.