

Standard Recommended Practice

Criteria and Test Methods for Cathodic Protection of Lead Sheath Cable

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Foreword

Hundreds of thousands of miles of lead-covered communication and power cables are in service, and these cables must be economically maintained in a serviceable condition, even though many are located in corrosive environments. This standard recommended practice outlines the criteria for cathodic protection of lead-covered cable and identifies and describes the test methods and procedures that indicate whether cathodic protection has been achieved.

This standard was prepared by NACE International Task Group T-10C-9, a component of Unit Committee T-10C on Electric Power and Communications, and is issued by NACE International under the auspices of Group Committee T-10 on Underground Corrosion Control. The task group is composed of corrosion engineers in communications, electric power, and pipeline industries who have actively engaged in and assumed the responsibility for corrosion control.

The criteria described in this standard may serve as a reference, depending on the type of corrosive environment, the type of plant, and the situation involved.

In a corrosive environment, an existing or a new lead-covered cable may be connected to a cable system consisting of polyethylene-jacketed aluminum and/or steel-shielded cable.

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