

Standard Practice

Internal Cathodic Protection (CP) Systems in Oil-Treating Vessels

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Foreword

This standard practice is a general guide for the application of effective cathodic protection to all oil-treating vessels. This standard covers design criteria, the selection and installation of applicable systems, and the operation, monitoring, and maintenance of installed systems. There are many design variations in existing oil-treating vessels, with new designs being introduced continually. The preparation of a standard practice for the cathodic protection of each individual vessel design is not practical. Therefore, this standard is not specific with respect to one or more vessel designs. It is intended for use by corrosion engineers involved in oil and gas production, especially those concerned with surface facilities. Nothing contained in this standard is intended to conflict with applicable codes, including OSHA⁽¹⁾ regulations.

This standard was originally prepared in 1975 by Task Group (TG) T-1E-6, a component of Unit Committee T-1E on Cathodic Protection of Oilfield Equipment, and revised in 1995 by TG T-1E-11. It was reaffirmed in 2001 and in 2007 by Specific Technology Group (STG) 35 on Pipelines, Tanks, and Well Casings. This STG is composed of corrosion consultants, corrosion engineers from oil and gas producing companies, representatives from manufacturers, and others concerned with internal corrosion control in oil-treating vessels.

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⁽¹⁾ Occupational Safety and Health Administration (OSHA), 200 Constitution Ave. NW, Washington, DC 20210.

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