

IEEE Recommended Practice for Field Testing Electric Submersible Pump Cable

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Sponsor
**Petroleum and Chemical Industry Committee
of the
IEEE Industry Applications Society**

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Abstract: Procedures and test voltage values for acceptance and maintenance testing of electrical submersible pump (ESP) cable systems are presented. This recommended practice applies to cable systems rated 3000 V and 5000 V and is intended only for this special-purpose cable. The intent is to provide uniform test procedures and guidelines for evaluation of the test results.

Keywords: conductors, cable ampacity.

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This recommended practice, under the jurisdiction of the Petroleum and Chemical Industry Committee of the IEEE Industry Applications Society, may be used by anyone desiring to do so and is presented as minimum criteria for construction of this class of submersible cable. It is not intended to restrict innovation or to limit development of improvements in cable design. Every effort has been made to assure the accuracy and reliability of the data contained herein. However, the committee makes no representation, warranty, or guarantee in connection with the publication of this specification and hereby expressly disclaims any liability or responsibility for loss or damage resulting from its use, for any conflict, or for the infringement of any patent resulting from the use of this document.

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