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Cathodic protection

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Foreword

NORSOK M-503:2016 was adopted as NORSOK Standard in September 2016.

NORSOK M-503:2016 supersedes NORSOK M-503 Rev. 3, May 2007.

The NORSOK standards are developed by the Norwegian petroleum industry to ensure adequate safety, added value and cost effectiveness for petroleum industry developments and operations. Furthermore, NORSOK standards are as far as possible intended to replace oil company specifications and serve as references in the authorities' regulations.

The NORSOK standards are normally based on recognized international standards, adding the provisions deemed necessary to fill the broad needs of the Norwegian petroleum industry. Where relevant, NORSOK standards will be used to provide the Norwegian industry input to the international standardisation process. Subject to development and publication of international standards, the relevant NORSOK standards will be withdrawn.

The NORSOK standards are developed according to the consensus principle, generally applicable standards work and according to established procedures defined in NORSOK A-001N.

The NORSOK standards are prepared and published with support by the Norwegian Oil and Gas Association, the Federation of Norwegian Industries, Norwegian Shipowners' Association and The Petroleum Safety Authority (PSA) Norway.

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Annex A and B are informative.

Introduction

NORSOK M-503:2016 (Edition 4) is made to reflect latest revision of DNV-RP-B401 and ISO 15589-2. The document is also restructured as follows:

- One common clause for structures and pipelines (Clause 4).
- Clauses 5 and 6 cover specific design requirements for structures and pipelines, respectively.
- Clause 7 covers requirements for anode manufacturing, testing and tolerances.
- Clause 8 covers requirements to anode installation.
- Clause 9 covers requirements to documentation.