
**Corrosion of metals and alloys —
Guidelines for the corrosion testing
of metals and alloys exposed in deep-
sea water**

*Corrosion des métaux et alliages — Lignes directrices pour les essais
de corrosion des métaux et alliages exposés en eau profonde*

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Foreword

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Introduction

With the developments of the offshore oil and gas industry, the activities of exploration and production of oil and gas have been extended into deep sea. Many subsea equipment and systems for oil/gas production have been deployed in deep-sea water. There are also some instruments placed in the subsea for environmental observation and scientific exploration. Corrosion is a crucial problem for these valuable installations because it seriously affects the performance, reliability and safety of these equipment and systems.

This document gives guidance on the corrosion testing of metals and alloys exposed in deep-sea water. The testing can be conducted based on the specified conditions and procedures, and meaningful comparisons may be made for different tests.

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