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Corrosion of metals and alloys — Test method for high temperature corrosion testing of metallic materials by immersing in molten salt or other liquids under static conditions

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National foreword

This British Standard is the UK implementation of ISO 17245:2015.

The UK participation in its preparation was entrusted to Technical Committee ISE/NFE/8, Corrosion of metals and alloys.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Corrosion of metals and alloys — Test method for high temperature corrosion testing of metallic materials by immersing in molten salt or other liquids under static conditions

Corrosion des métaux et alliages — Méthode d'essai pour essais de corrosion à haute température de matériaux métalliques par immersion dans le sel fondu ou autres liquides dans des conditions statiques

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Foreword

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The committee responsible for this document is ISO/TC 156, *Corrosion of metals and alloys*.

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Introduction

In contrast to high temperature corrosion occurring in gaseous environment covered in ISO 21608 and ISO 13573, this International Standard focuses on high temperature corrosion occurring on materials that are in direct contact with molten corrosive substances.

The present document considers the case of a metallic material immersed completely in a corrosive substance that either melts during high temperature exposure or that is liquid throughout the experiment.

The closely-related condition involving exposure in a compacted powder is described in ISO 17248 and that involving application of a surface deposit of salt, ash, or other substances in ISO 17224.

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