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Fire test procedures for divisional elements that are typically used in oil, gas and petrochemical industries —

Part 2: Additional procedures for pipe penetration and cable transit sealing systems

Méthodes d'essais au feu des éléments de séparation habituellement utilisés dans les industries pétrolières, gazières et pétrochimiques —

Partie 2: Modes opératoires supplémentaires pour les systèmes de calfeutrement de traversées de câbles et de trémies de tuyaux



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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This document was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 2, *Fire containment*.

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Introduction

This document describes a test procedure to assess the protection afforded by fire protection materials and systems to divisional elements. It gives an indication of how fire protection materials will perform when exposed to a set of specified fire conditions.

The classification of divisional elements (bulkheads and decks) in the marine industry [i.e. ships as defined by the International Maritime Organisation (IMO) and Safety of Life and Sea (SOLAS) convention] is primarily undertaken in accordance with classification society procedures through testing to the fire test procedures (FTP) codes IMO resolution 307(88), formerly IMO A.754(18). Historically, FTP-code-compliant test evidence has been used to support non-marine applications by implementing hydrocarbon time temperature regime profiles. To reduce the burden on industry, this document is compatible with FTP codes IMO resolution MSC 307(88) where relevant, allowing the use of both IMO and ISO test procedures for specific classification ratings.