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# Determination of the resistance to cryogenic spillage of insulation materials —

## Part 1: Liquid phase

*Détermination de la résistance des matériaux d'isolation thermique  
suite à un refroidissement cryogénique —*

*Partie 1: Phase liquide*



Reference number  
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## Foreword

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The committee responsible for this document is ISO/TC 67, *Materials, equipment and offshore structure for petroleum, petrochemical and natural gas industries*, Subcommittee SC 9, *Liquefied natural gas installations and equipment*.

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## Introduction

The test described in the procedure in this document is one in which some of the properties of cryogenic spillage protection materials can be determined. This test is designed to give an indication of how cryogenic spillage protection materials will perform in a sudden exposure to cryogenic liquid.

The dimensions of the test specimen can be smaller than typical items of structure and plant and the release of liquid can be substantially less than that which might occur in a credible event. However, individual thermal and mechanical loads imparted to the cryogenic spillage protection materials, from the cryogenic spillage defined in the procedure described in this document, have been shown to be similar to those by large-scale cryogenic spillage.

Further parts of ISO 20088 are planned for future publication:

- Part 2 : Vapour phase;
- Part 3: High pressure jet release.