

# Space systems — Safety and compatibility of materials —

## Part 5: Determination of reactivity of system/component materials with aerospace propellants

ICS 49.025.01; 49.140

# National foreword

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The UK participation in its preparation was entrusted by Technical Committee ACE/68, Space systems and operations, to Subcommittee ACE/68/-/1, Design engineering production, which has the responsibility to:

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- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
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## Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to v, a blank page, pages 1 to 11 and a back cover.

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# INTERNATIONAL STANDARD

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## **Space systems — Safety and compatibility of materials —**

Part 5:

### **Determination of reactivity of system/component materials with aerospace propellants**

*Systèmes spatiaux — Sécurité et compatibilité des matériaux —*

*Partie 5: Détermination de la réactivité des matériaux des  
systèmes/composants avec les ergols spatiaux*



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## Foreword

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ISO 14624-5 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

ISO 14624 consists of the following parts, under the general title *Space systems — Safety and compatibility of materials*:

- *Part 1: Determination of upward flammability of materials*
- *Part 2: Determination of flammability of electrical-wire insulation and accessory materials*
- *Part 3: Determination of offgassed products from materials and assembled articles*
- *Part 4: Determination of upward flammability of materials in pressurized gaseous oxygen or oxygen-enriched environments*
- *Part 5: Determination of reactivity of system/component materials with aerospace propellants*
- *Part 6: Determination of reactivity of processing materials with aerospace fluids*
- *Part 7: Determination of permeability and penetration of materials to aerospace fluids*