

# ISO 14624-5:2023-06 (E)

## Space systems - Safety and compatibility of materials - Part 5: Determination of reactivity of system/component materials with aerospace propellants

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Fluid transfer, storage and flight systems .....	2
4.1	General .....	2
4.1.1	Procedure .....	2
4.1.2	Safety .....	2
4.2	Test criteria .....	2
4.2.1	Screening test .....	2
4.2.2	Immersion test .....	2
4.2.3	Post-test analysis .....	2
4.3	Sample .....	3
4.3.1	Receiving inspection .....	3
4.3.2	Sample preparation .....	3
4.3.3	Sample cleaning .....	3
4.3.4	Sample inspection .....	3
4.4	Test system .....	3
4.4.1	Screening test .....	3
4.4.2	Immersion test .....	3
4.5	Procedure .....	4
4.5.1	Before testing .....	4
4.5.2	Test .....	5
4.5.3	Post-test analysis .....	5
4.6	Precision .....	6
4.7	Good laboratory practices .....	6
Annex A (informative)	Example forms .....	7
Bibliography .....		10