

ISO 19281:2016-02 (E)

Air cargo - Fire resistant containers - Design, performance and testing requirements

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	2
3	Terms and definitions	3
4	General requirements	4
4.1	Approval	4
4.2	Construction	4
4.3	Materials	5
4.4	Weight	6
4.5	General design	6
4.6	Environment	6
4.7	Maintenance	7
5	Performance	7
5.1	Components	7
5.1.1	Container body	7
5.1.2	Base	8
5.1.3	Door	8
5.1.4	Accessories	8
5.2	FRC assembly	8
5.3	Allowable damage	9
6	Testing	9
6.1	Materials testing	9
6.1.1	Flammability and flame penetration tests	9
6.1.2	Environmental tests	11
6.2	FRC air-tightness test (conditional)	11
6.3	FRC full scale test	12
7	Markings	14
8	Manufacturer's instructions	15
9	Operator requirements	16
9.1	General	16
9.2	Operating instructions	16
9.3	Training and qualification	17
9.4	Quality control	17
Annex A (normative)	Location of thermocouples for FRC full scale test	18
Annex B (normative)	FRC graphical symbol	19
Bibliography		20