

ISO/TR 13086-2:2017-12 (E)

Gas cylinders - Guidance for design of composite cylinders - Part 2: Bonfire test issues

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Background	1
5	Statement of safety	2
6	Components of fire testing	2
6.1	Composite materials	2
6.2	Fire	3
6.2.1	General	3
6.2.2	Fire tests in standards	5
6.2.3	Standardized fire test	7
6.2.4	Considerations for future standardized fire tests	8
6.3	Pressure relief devices	9
6.4	Venting	11
6.5	Interaction	12
6.6	Availability of reports	16
6.7	Optimized test method using thermally activated pressure relief devices	17
6.7.1	Explanation of optimized test method	17
6.7.2	Procedures for optimized test method	20
7	Summary	23
Annex A (informative) Comparison of fire tests in standards and reports		24
Annex B (informative) Standardized test requirements using thermally active pressure relief devices		28
Bibliography		33