

DIN EN 13953:2007-06 (E)

LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG) (includes Amendment A1:2007)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms, definitions and abbreviations	4
3.1	Terms and definitions	4
3.2	Abbreviations	6
4	Operating temperatures	6
5	Materials	6
5.1	General	6
5.2	Metallic materials	6
5.3	Non-metallic components	7
5.4	Lubricants, sealants and adhesives	7
6	Design	7
6.1	General	7
6.2	Threads	7
6.3	Springs	8
6.4	Test requirements	8
7	Testing and inspection of the design	8
7.1	General	8
7.2	Hydraulic proof test	8
7.3	Start to discharge and discharge capacity test	9
7.4	Leak test	9
7.5	Test records	9
7.6	Design changes	10
8	Production testing	10
9	Marking	10
10	Documentation	10
Annex A (informative) Terms used with pressure relief valves		11
Annex B (normative) Special low temperature requirements for valves		12
Annex C (informative) Sizing of pressure relief valves for LPG cylinders		13
Annex D (informative) Production testing		14
D.1	General	14
D.2	Dimensional inspection	14
D.3	Setting and leak testing of pressure relief valves	14
Bibliography		15