

DIN EN 13082:2012-05 (E)

Tanks for transport of dangerous goods - Service equipment for tanks - Vapour transfer valve (includes Amendment A1:2012)

Contents		Page
Foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Functions	7
5	Design characteristics	7
5.1	General	7
5.2	Performance characteristics	7
5.3	Temperature range	7
5.4	Actuation	7
5.5	Materials of construction	7
5.6	Dimensional characteristics	8
5.6.1	Maximum height	8
5.6.2	Flanged connection type	8
5.6.3	Through hole connection type	8
6	Tests	8
6.1	General	8
6.2	Production tests	8
6.2.1	General	8
6.2.2	Shell tightness test	9
6.2.3	Internal seat tightness test	9
6.2.4	Operability test	9
6.2.5	Test results	9
6.3	Type tests	9
6.3.1	General	9
6.3.2	Shell strength test	10
6.3.3	Shell tightness test	10
6.3.4	Internal seat tightness test	10
6.3.5	Mechanical endurance test	10
6.3.6	Drop test	11
6.3.7	Test results	12
7	Marking	12
8	Installation, operation and maintenance instructions	12
Annex A (normative) Drop test apparatus		13
Annex B (normative) Maximum height - Installation requirement		14
Bibliography		15