

# DIN EN 14596:2018-10 (E)

## Tanks for transport of dangerous goods - Service equipment for tanks - Emergency pressure relief valve

---

| <b>Contents</b>  |  | <b>Page</b> |
|--|--|-------------|
| European foreword .....  |  | 3           |
| Introduction .....   |  | 5           |
| 1  | Scope .....  | 6           |
| 2  | Normative references .....                                 | 6           |
| 3  | Terms and definitions .....                                | 6           |
| 4  | Functions .....  | 6           |
| 5  | Design characteristics .....                               | 7           |
| 5.1  | Relieving pressure .....                                   | 7           |
| 5.2  | Weather protection .....                                   | 7           |
| 5.3  | Drop test .....  | 7           |
| 5.4  | Vapour venting performance .....                           | 7           |
| 5.5  | Temperature range .....                                    | 7           |
| 5.6  | Materials of construction .....                            | 7           |
| 5.7  | Dimensional characteristics .....                          | 7           |
| 5.8  | Electrical resistance .....                                | 7           |
| 5.9  | Optional function .....                                    | 8           |
| 6  | Tests .....  | 8           |
| 6.1  | General .....  | 8           |
| 6.2  | Production tests .....                                     | 8           |
| 6.3  | Type tests .....   | 9           |
| 7  | Marking .....  | 11          |
| 8  | Installation, operating and maintenance instructions ..... | 11          |
| Annex A (normative) Drop test apparatus .....  |  | 12          |
| Annex B (informative) Minimum vapour venting capacity for fire engulfment relief ..... |  | 13          |
| Bibliography .....   |  | 14          |