

# ISO 17268:2006-04 (E)

## Compressed hydrogen surface vehicle refuelling connection devices

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	2
4	General construction requirements .....	3
5	Nozzles .....	3
6	Standard receptacle dimensions .....	4
7	Receptacles .....	6
8	Instructions .....	6
9	Marking .....	6
10	Design verification test procedures .....	7
10.1	General requirements .....	7
10.2	User - Machine interface .....	7
10.3	Dropping .....	8
10.4	Leakage at room temperature .....	8
10.5	Valve operating handle .....	9
10.6	Receptacle vibration resistance .....	9
10.7	Abnormal loads .....	9
10.8	Rocking/twisting .....	10
10.9	Mounting hardware torque .....	11
10.10	Low and high temperatures .....	11
10.11	Durability and maintainability .....	12
10.12	Hydrostatic strength .....	15
10.13	Materials .....	15
10.14	Corrosion resistance .....	15
10.15	Deformation .....	16
10.16	Contamination test .....	16
10.17	Thermal cycle test .....	16
Annex A (informative)	Nozzle characteristics .....	19