

ISO 5145:2017-11 (E)

Gas cylinders - Cylinder valve outlets for gases and gas mixtures - Selection and dimensioning

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle of the determination of valve outlets	1
4.1	Basic principle	1
4.2	Single gases	2
4.3	Gas mixtures	2
4.3.1	Definition	2
4.3.2	Assignment of a gas mixture to a group	2
5	Determination of connection	2
5.1	Connection	2
5.2	Leak tightness	3
6	Marking	6
7	Allocation of connections	6
Annex A (normative) Connections		14
Annex B (normative) Use of union nuts requiring tools		20
Annex C (informative) Examples of allocation of cylinder valve outlets for the use of medical gases		21
Bibliography		27