

DIN ISO 3567:2015-05 (E)

Vacuum gauges - Calibration by direct comparison with a reference gauge (ISO 3567:2011)

Contents		Page
National foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Symbols and abbreviated terms	8
5	General principle	9
6	Requirements	9
6.1	Design of calibration chamber	9
6.2	Plumbing of gauges to calibration chamber	10
6.3	Vacuum and gas inlet system	11
6.4	Calibration gas	11
6.5	Thermometers and ambient conditions	11
6.6	Reference gauge	12
7	Calibration	12
7.1	Procedure	12
7.2	Evaluation of measurements	14
7.3	Measurement uncertainty	14
8	Calibration certificate	15
Annex A (informative) Example of possible calibration system set-up		16
Annex B (informative) Problems in practice		17
Bibliography		19