

ISO 16664:2004-07 (E)

Gas analysis - Handling of calibration gases and gas mixtures - Guidelines

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Transport and storage	4
3.1	General remarks	4
3.2	Low temperature	4
3.3	High temperature	4
3.4	Water	4
3.5	Storage and handling	4
4	Mode of withdrawal	5
4.1	General	5
4.2	Minimum utilization pressure	5
4.3	Temperature	5
4.4	Pressure reduction and flow	5
4.5	Replacement, change of cylinder positions	5
5	Transfer system	6
5.1	Purging procedure	6
5.2	Considerations when designing and constructing gas transfer lines	7
6	Stability	13
Annex A (informative) Check on the stability of calibration gas mixtures by end-users		14
Bibliography		17