

ISO 8573-5:2025-07 (E)

Compressed air - Contaminant measurement - Part 5: Oil vapour content

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Units	1
5	Reference conditions	2
6	Test methods	2
6.1	Indicative methods	2
6.2	Quantitative analysis using gas chromatography	2
7	Materials for sampling	2
7.1	Sampling system	2
7.2	Sorbent tube	4
7.2.1	Principle	4
7.2.2	Laboratory blank	4
7.2.3	Field blank	4
8	Materials and apparatus for gas chromatographic analysis	4
8.1	Gas chromatograph	4
8.2	Thermal desorption apparatus	5
8.3	Calibration standards	5
8.3.1	General	5
8.3.2	Dilution solvent	5
8.3.3	Calibration substance	5
9	Sampling	5
9.1	General	5
9.2	Sampling volume	5
9.3	Procedure	6
9.3.1	General	6
9.3.2	Storage of loaded samples and field blanks	6
9.3.3	Uncertainty and repeatability	6
10	Sample analysis	7
11	Calculation of test results	7
12	Test report	7
13	Quality control	8
Annex A (informative)	Example test report of an oil vapour content measurement in compressed air	9
Annex B (informative)	Indicative test methods	11
Bibliography		12