

ISO 24476:2024-04 (E)

Steel - Determination of oxygen - Infrared absorption method after fusion under inert gas (Routine method)

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Reagent and materials	1
6 Apparatus	2
7 Sampling	2
8 Procedure	2
8.1 General.....	2
8.2 Test sample and sample preparation.....	3
8.3 Blank test.....	3
8.4 Calibration.....	4
8.4.1 General.....	4
8.4.2 Plotting the calibration curve.....	4
8.5 Determination.....	4
9 Expression of results	4
9.1 Method of calculation.....	4
9.2 Precision.....	5
10 Test report	5
Annex A (informative) Features of commercial resistive electrode furnaces and oxygen analysers	7
Annex B (informative) Additional information on the international interlaboratory test	9
Annex C (informative) Graphical representation of precision data	10
Bibliography	11