ISO 15011-5:2011-10 (E)

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 5: Identification of thermal-degradation products generated when welding or cutting through products compo sed wholly or partly of organic materials using pyrolysis-gas chromatography-mass spectrometry

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 2

5 Procedure 3
5.1 Identification of thermal degradation products 3
5.2 Data analysis 3

6 Use of data on thermal degradation products 3

7 Test report 3

Annex A (normative) Test procedure 4

Annex B (informative) Pyrolysers 6

Annex C (informative) Chromatographic conditions 8

Annex D (informative) System and performance checks 9

Annex E (informative) Example of a test report 11

Annex F (informative) Use of data on thermal degradation products 13

Bibliography 14