DIN EN ISO 15011-5:2012-01 (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 cutt ing through products composed wholly or partly of organic materials using pyrolysis-gas chromatography-mass spectrometry (ISO 15011-5:2011)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Principle 6

5 Procedure 7
5.1 Identification of thermal degradation products 7
5.2 Data analysis 7

6 Use of data on thermal degradation products 7

7 Test report 7

Annex A (normative) Test procedure 8

Annex B (informative) Pyrolysers 10

Annex C (informative) Chromatographic conditions 12

Annex D (informative) System and performance checks 13

Annex E (informative) Example of a test report 15

Annex F (informative) Use of data on thermal degradation products 17

Bibliography 18