

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 cutting 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