

ISO 15011-1:2009-10 (E)

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 1: Determination of fume emission rate during arc welding and collection of fume for analysis

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Equipment and materials	2
6	Tests procedures	3
6.1	Welding procedure selection	3
6.2	Manual metal arc welding	3
6.3	Continuous wire processes	5
6.4	Analysis of the fume collected	7
7	Calculating and reporting the results	7
Annex A (informative) Possible designs of test chamber		8
Annex B (informative) Equipment notes		14
Annex C (informative) Welding parameters		16
Annex D (normative) Test procedures		18
Annex E (normative) Test report		19
Bibliography		20