

ISO/TS 15011-6:2012-07 (E)

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 6: Procedure for quantitative determination of fume and gases from resistance spot welding

Contents	Page
Foreword	iv
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Principle	2
5 Apparatus	2
6 Procedure	3
6.1 Preparation of test pieces	3
6.2 Set up of welding equipment	4
6.3 Selection of welding parameters	4
6.4 Fume emission rate	4
6.5 Emission rate of gases	5
7 Calculation method	6
7.1 Emission rate of dust	6
7.2 Emission rate of gases	7
8 Documentation	8
9 Test report	9
Annex A (informative) Examples of designs of fume box	10
Annex B (informative) Example of a welding chamber for determination of the emission rate of gases	13
Annex C (normative) Welding parameters	16
Annex D (informative) Example of test report	17
Bibliography	19