

# DIN EN ISO 15011-3:2010-03 (E)

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 3: Determination of ozone emission rate during arc welding (ISO 15011-3:2009)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Principle .....	6
5	Equipment and materials .....	6
6	Tests procedures .....	8
6.1	Welding procedure selection .....	8
6.2	Setting up the test equipment .....	8
6.3	Trial tests .....	9
6.4	Emission rate testing .....	9
7	Calculating and reporting the results .....	10
Annex A (informative) Equipment notes .....		11
Annex B (informative) Welding parameters for ozone emission rate testing .....		13
Annex C (normative) Test procedures .....		15
Annex D (normative) Calculation of the average stable ozone concentration .....		16
Annex E (normative) Test report .....		17
Bibliography .....		18