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

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

Contents

Page

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