

# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>2</b>
<b>5 Procedure</b> .....	<b>2</b>
<b>6 Test conditions</b> .....	<b>3</b>
6.1 Generic test parameters.....	3
6.2 Testing of manual metal arc welding electrodes.....	5
6.3 Testing of solid, metal-cored and flux-cored wires used in gas-shielded metal arc welding.....	5
6.4 Testing of flux-cored wires used in self-shielded metal arc welding.....	7
<b>7 Reporting of results</b> .....	<b>8</b>
7.1 Fume data sheet.....	8
7.2 Transitional arrangements.....	9
7.3 Retesting.....	9
7.4 Data sharing.....	9
7.5 Validation of fume data sheets.....	10
<b>Annex A (normative) Fume data sheet</b> .....	<b>11</b>
<b>Annex B (informative) Optional additional section of a fume data sheet</b> .....	<b>13</b>
<b>Annex C (informative) Examples of performance data</b> .....	<b>14</b>
<b>Annex D (informative) Uses of welding fume data</b> .....	<b>16</b>
<b>Annex E (informative) Principal and key components of welding fume</b> .....	<b>19</b>
<b>Annex F (informative) Example of a welding consumable classification system</b> .....	<b>21</b>
<b>Annex G (informative) Example of a fume data sheet for a stainless steel manual metal arc         welding electrode (including the optional additional section)</b> .....	<b>22</b>
<b>Bibliography</b> .....	<b>24</b>