

# DIN EN ISO 12863:2018-06 (E)

Standard test method for assessing the ignition propensity of cigarettes (ISO 12863:2010 + Cor. 1:2011 + Amd. 1:2016)

---

<b>Contents</b>	<b>Page</b>
Foreword .....	4
☐ <sup>AC</sup> European foreword to AC ☐ <sup>AC</sup> .....	5
☐ <sup>A1</sup> European foreword to Amendment 1 ☐ <sup>A1</sup> .....	6
Introduction .....	7
1 Scope .....	8
2 Normative references .....	8
3 Terms and definitions .....	8
4 General principle.....	9
5 Apparatus.....	9
5.1 General description.....	9
5.2 Test and conditioning environment.....	9
5.2.1 General.....	9
5.2.2 Conditioning room.....	9
5.2.3 Conditioning box .....	9
5.3 Test chamber .....	10
5.4 Substrate holder .....	10
5.5 Metal rim .....	10
5.6 Cigarette holder .....	10
5.7 Cigarette ignition system.....	10
5.8 Exhaust hood.....	11
6 Verification of test equipment.....	11
6.1 Frequency of verification .....	11
6.2 Examination for chamber leakage .....	11
6.3 Stability of chamber atmosphere .....	11
6.4 Humidity and temperature sensors .....	11
6.5 Test performance verification.....	12
7 Test specimens and standard substrate assemblies .....	12
7.1 Handling .....	12
7.2 Cigarettes .....	12
7.2.1 Cigarette sampling.....	12
7.2.2 Care in handling and storage .....	12
7.2.3 Markings.....	12
7.3 Filter paper.....	13
7.3.1 General description.....	13
7.3.2 Paper mass requirements.....	13
7.3.3 Paper orientation.....	13
8 Conditioning.....	13
8.1 Cigarettes .....	13
8.2 Filter paper.....	13

<b>9</b>	<b>Test procedure .....</b>	<b>14</b>
<b>10</b>	<b>Test record.....</b>	<b>15</b>
<b>11</b>	<b>Test report .....</b>	<b>16</b>
	<b>Annex A (normative) Technical drawings of test apparatus.....</b>	<b>17</b>
	<b>Annex B (informative) Estimation of placement of additional pins.....</b>	<b>21</b>
	<b>Annex C (normative) Procedure for selection of substrate assemblies for testing .....</b>	<b>23</b>
	<b>Annex D (informative) Repeatability and reproducibility .....</b>	<b>24</b>
	<b>Annex E (informative) Ignition susceptibility of substrate assemblies.....</b>	<b>25</b>
	<b>Annex F (informative) Use of semi-automated/fully automated systems to perform the test <sup>A1</sup>.....</b>	<b>26</b>
	<b>Bibliography .....</b>	<b>29</b>