

# ISO/TS 11155-1:2001-11 (E)

## Road vehicles - Air filters for passenger compartments - Part 1: Test for particle filtration

---

<b>Contents</b>	<b>Page</b>
<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 Test equipment, accuracy and validation</b> .....	<b>4</b>
<b>4.1 Measurement accuracy</b> .....	<b>4</b>
<b>4.2 Test system</b> .....	<b>4</b>
<b>4.3 Test conditions</b> .....	<b>9</b>
<b>4.4 Validation</b> .....	<b>9</b>
<b>4.5 Daily start-up procedures</b> .....	<b>10</b>
<b>5 Test methods</b> .....	<b>10</b>
<b>5.1 Performance test</b> .....	<b>10</b>
<b>5.2 Efficiency test</b> .....	<b>11</b>
<b>Annex A (normative) Test report</b> .....	<b>14</b>
<b>Annex B (normative) Efficiency data reduction</b> .....	<b>18</b>
<b>Annex C (normative) Pressure loss data reduction</b> .....	<b>24</b>
<b>Annex D (informative) Determination of maximum efficiency aerosol concentration</b> .....	<b>25</b>
<b>Annex E (normative) Check lists for accuracy requirements, validation and routine operation</b> .....	<b>26</b>
<b>Annex F (normative) Aerodynamic diameter</b> .....	<b>30</b>
<b>Annex G (normative) Methods for testing efficiency aerosol for proper neutralization</b> .....	<b>32</b>
<b>Bibliography</b> .....	<b>37</b>