

INTERNATIONAL STANDARD

ISO
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Reciprocating internal combustion engines — Exhaust emission measurement —

Part 3:

Definitions and methods of measurement of
exhaust gas smoke under steady-state
conditions

*Moteurs alternatifs à combustion interne — Mesurage des émissions de
gaz d'échappement —*

*Partie 3: Définitions et méthodes de mesure de la fumée des gaz
d'échappement dans des conditions stabilisées*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8178-3 was prepared jointly by Technical Committees ISO/TC 70, *Internal combustion engines*, Subcommittee SC 8, *Exhaust gas emission measurement* and ISO/TC 22, *Road vehicles*, Subcommittee SC 5, *Engine tests*.

ISO 8178 consists of the following parts, under the general title *Reciprocating internal combustion engines — Exhaust emission measurement*:

- *Part 1: Test bed measurement of gaseous and particulate emissions*
- *Part 2: At-site measurement of gaseous and particulate exhaust emissions*
- *Part 3: Definitions and methods of measurement of exhaust gas smoke under steady-state conditions*
- *Part 4: Test cycles for different engine applications*
- *Part 5: Test fuels*
- *Part 6: Test report*
- *Part 7: Determination of engine family and engine group*

Annex A of this part of ISO 8178 is for information only.

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