
**Safety of machinery — Evaluation of the
emission of airborne hazardous
substances —**

Part 7:
**Test bench method for the measurement
of the pollutant concentration parameter**

*Sécurité des machines — Évaluation de l'émission de substances
dangereuses véhiculées par l'air —*

*Partie 7: Méthode sur banc d'essai pour le mesurage du paramètre de
concentration en polluant*



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Foreword

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The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 29042-7 was prepared by Technical Committee ISO/TC 199, *Safety of machinery*.

ISO 29042 consists of the following parts, under the general title *Safety of machinery — Evaluation of the emission of airborne hazardous substances*:

- *Part 1: Selection of test methods*
- *Part 2: Tracer gas method for the measurement of the emission rate of a given pollutant*
- *Part 3: Test bench method for the measurement of the emission rate of a given pollutant*
- *Part 4: Tracer method for the measurement of the capture efficiency of an exhaust system*
- *Part 5: Test bench method for the measurement of the separation efficiency by mass of air cleaning systems with unducted outlet*
- *Part 6: Test bench method for the measurement of the separation efficiency by mass of air cleaning systems with ducted outlet*
- *Part 7: Test bench method for the measurement of the pollutant concentration parameter*

A room method for the measurement of the pollutant concentration parameter and a decontamination index are to form the subjects of future parts 8 and 9.