INTERNATIONAL STANDARD

ISO 14269-5

First edition
1997-12-15

Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment —

Part 5:
Pressurization system test method

Tracteurs et machines automotrices pour l'agriculture et la sylviculture — Ambiance dans l'enceinte de l'opérateur —

Partie 5: Méthode d'essai du système de pressurisation

Reference number
ISO 14269-5:1997(E)

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 14269-5 was prepared by Technical Committee ISO/TC 23, *Tractors and machines for agriculture and forestry*, Subcommittee SC 2, *Common tests*.

This first edition, along with the other parts of ISO 14269, cancels and replaces ISO 3737:1976, ISO 6097:1989 and ISO/TR 8953:1987, which have been technically revised.

ISO 14269 consists of the following parts, under the general title *Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment*:

— *Part 1: Vocabulary*

— *Part 2: Heating, ventilation and air-conditioning test method and performance*

— *Part 3: Determination of effect of solar heating*

— *Part 4: Air filter element test method*

— *Part 5: Pressurization system test method*

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Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment —

Part 5:
Pressurization system test method

1 Scope

This part of ISO 14269 specifies a test procedure which will provide for uniform measurement of the pressurization inside an operator enclosure of tractors and self-propelled machines for agriculture and forestry when equipped with a ventilation system.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 14269. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 14269 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 14269-1:1997, *Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 1: Vocabulary.*

3 Definitions

For the purposes of this part of ISO 14269, the definitions given in ISO 14269-1 apply, of which the following are particularly relevant.

3.1 pressurization: Pressure differential between the static pressure inside and outside of the operator enclosure. [ISO 14269-1:1997, definition 2.12]

3.2 pressurization system: Means used to pressurize the operator enclosure including any components which influence the performance of the system. [ISO 14269-1:1997, definition 2.13]

4 Test equipment

4.1 Device to measure pressurization, with a measuring accuracy of 10 % of the observed values.

4.2 Device to measure blower voltage, with a measuring accuracy of 2 % of the observed values.