

INTERNATIONAL STANDARD

ISO
4251-4

Second edition
1992-03-15

Tyres (ply rating marked series) and rims for agricultural tractors and machines —

Part 4:

Tyre classification and nomenclature (standards.iteh.ai)

*Pneumatiques et jantes (séries à marquage "ply rating") pour tracteurs
et machines agricoles —*

Partie 4. Nomenclature et classification des pneumatiques



Reference number
ISO 4251-4:1992(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 4251-4 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Sub-Committee SC 5, *Agricultural tyres and rims*.

This second edition cancels and replaces the first edition (ISO 4251-4:1980), to which logging service tyres (see table 1) have been added.

ISO 4251 consists of the following parts, under the general title *Tyres (ply rating marked series) and rims for agricultural tractors and machines*:

- Part 1: *Tyre designation and dimensions*
- Part 2: *Tyre load ratings*
- Part 3: *Rims*
- Part 4: *Tyre classification and nomenclature*
- Part 5: *Log skidder tyres*

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Tyres (ply rating marked series) and rims for agricultural tractors and machines —

Part 4: Tyre classification and nomenclature

1 Scope

This part of ISO 4251 specifies the classification codes and nomenclature of the ply rating marked series of tyres for agricultural tractors and machines.

Tyre designation and dimensions, load ratings, and specific log skidder tyres are given in ISO 4251-1, ISO 4251-2 and ISO 4251-5 respectively.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 4251. 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 4251 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 4223-1:1989, *Definitions of some terms used in the tyre industry — Part 1: Pneumatic tyres.*

3 Definitions

For definitions of terms relating to tyres, see ISO 4223-1.

4 Tyre classification and type nomenclature

Nomenclature and classification code markings are given in table 1.

The classification code is not part of the size marking and its use is optional. When used, the code shall be clearly separated from the size marking on the tyres.

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Table 1 — Tyre classification code and type nomenclature

Classification code	Type nomenclature
R	Agricultural tractor drive wheel tyres
R — 1	Regular service
R — 2	Cane and rice service
R — 3	Flotation service
R — 4	Industrial service
F	Agricultural tractor steering wheel tyres (non-traction pattern)
F — 1	Single rib
F — 2	Two and more rib
F — 3	Flotation multi-rib
I	Agricultural implement tyres
I — 1	Multi-rib
I — 2	Traction service
I — 3	Heavy traction service
I — 4	Plough tail wheel service
I — 5	Steering service
I — 6	Flotation service
G	Garden tractor tyres
G — 1	Traction service
G — 2	Flotation traction service
G — 3	Maximum flotation service
LS	Logging service tyres
LS — 2	Intermediate tread
LS — 3	Deep tread

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