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AS 2951.3—1988/ISO 6747—1982

Australian Standard®

EARTH-MOVING MACHINERY—NOMENCLATURE

Part 3—TRACTORS

(ISO Title: Earth-moving machinery—Tractors—Terminology)

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This Australian Standard was prepared by Committee ME/63, Earthmoving Equipment. It was approved on behalf of the Council of the Standards Association of Australia on 3 March 1988 and published on 17 June 1988.

The following interests are represented on Committee ME/63:

Australian Mining Industry Council
Bureau of Steel Manufacturers of Australia
Construction Equipment Importers and Manufacturers of Australia
Department of Administrative Services
Department of Conservation, Forests and Lands, Vic.
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Department of Forestry, Qld.
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Earth-movers and Road Contractors Association of Australia
Forestry Commission of New South Wales
Local Government Engineers Association of New South Wales
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FOREWORD

1. This Australian Standard corresponds with ISO 6747—1982, *Earth-moving machinery—Tractors—Terminology.*
2. Introduction to and complete listing of the SAA series of earth-moving machinery Standards (AS 2951 to AS 2958) is available on request.
3. Error.

   Clause 3. Title of ISO 3450 incorrect. Should read: *'Earth-moving machinery — Wheeled machines — Performance requirements and test procedures for braking systems'*.
4. For the purpose of this Australian Standard the words 'International Standard' should be replaced by 'Australian Standard'.
5. ISO Standards referred to in this Standard correspond with the following Australian Standards:

ISO Standard	Australian Standard
ISO 3450	AS 2958.1
ISO 6165	AS 2951.1
ISO 6746-1	AS 2951.2.1
ISO 6746-2	AS 2951.2.2

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Earth-moving machinery—Nomenclature
Part 3—Tractors

1 Scope

This International Standard establishes terminology and commercial literature specifications for self-propelled crawler and wheel tractors and their equipment.

2 Field of application

This International Standard applies to tractors of earth-moving machinery as defined in ISO 6165.

3 References

ISO 3450, *Earth-moving machinery — Minimum performance criteria for brake systems*.

ISO 6165, *Earth-moving machinery — Basic types — Vocabulary*.

ISO 6746/1, *Earth-moving machinery — Definitions of dimensions and symbols — Part 1: Base machine*.

ISO 6746/2, *Earth-moving machinery — Definitions of dimensions and symbols — Part 2: Equipment*.

4 Definitions

4.1 tractor: Self-propelled crawler or wheeled machine used to exert a push or pull force through a mounted attachment or drawbar.

4.2 base machine: A tractor, without equipment, as described by the manufacturer specifications. The machine should be provided with the necessary mountings to secure equipment as shown in clause 6.

5 Basic model

5.1 Type of tractors

5.1.1 Undercarriage

5.1.1.1 Crawler tractor (see figure 1).

5.1.1.2 Wheel tractor (see figures 2 to 5).

5.1.2 Engine location

5.1.2.1 Front engine (see figures 1 and 3).

5.1.2.2 Rear engine (see figures 2, 4 and 5).

5.1.3 Number of drive axles (drive wheels)

5.1.3.1 Rear axle (rear wheels) drive (see figure 3).

5.1.3.2 Both axles (all wheels) drive (see figures 2, 4 and 5).

5.1.4 Steering system

5.1.4.1 Front wheel steer (see figure 3).

5.1.4.2 Rear wheel steer (see figure 2).

5.1.4.3 Articulated steering (see figures 4 and 5).

5.1.4.4 Crawler — skid steer.

5.1.5 Operator's position (concerns articulated machines)

5.1.5.1 Operator front (see figure 4).

5.1.5.2 Operator rear (see figure 5).

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