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ISO 6749:1984

Australian STANDARD®

STANDARDS Australia

Earth-moving machinery — Preservation and storage



AS ISO 6749:2021

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Australian Industry Group
Better Regulation Division — SafeWork NSW
Construction and Mining Equipment Industry Group
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Department of Regional NSW
Engineers Australia / Mining Electrical and Mining Mechanical Engineering Society
Institute of Instrumentation, Control & Automation Australia
Minerals Council of Australia
University of Queensland

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Preface

This Standard was prepared by the Standards Australia Committee ME-063, Earthmoving Equipment.

The objective of this document is to specify the general methods for preservation and removal of preservation materials from earth-moving machinery and its elements, and the categories of storage and transportation conditions. This document applies to newly manufactured earth-moving machines as well as to those already in use to be preserved.

This document is identical with, and has been reproduced from, ISO 6749:1984, *Earth-moving machinery — Preservation and storage*.

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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 developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6749 was developed by Technical Committee ISO/TC 127, *Earth-moving machinery*.

The first edition (ISO 6749-1981) had been approved by the member bodies of the following countries :

Australia	Finland	Romania
Austria	France	South Africa, Rep. of
Belgium	Germany, F.R.	Sweden
Bulgaria	Italy	United Kingdom
Chile	Japan	USA
Czechoslovakia	Poland	USSR

No member body had expressed disapproval of the document.

This second edition, which cancels and replaces ISO 6749-1981, incorporates draft Amendment 1, which was circulated to the member bodies in July 1983 and has been approved by the member bodies of the following countries :

Australia	Egypt, Arab Rep. of	Romania
Austria	France	Sweden
Belgium	Germany, F.R.	United Kingdom
Bulgaria	Italy	USA
Canada	Japan	USSR
Czechoslovakia	Poland	Yugoslavia

No member body expressed disapproval of the document.

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Australian Standard®

Earth-moving machinery — Preservation and storage

1 Scope

This International Standard specifies the general methods for preservation and removal of preservation materials from earthmoving machinery and its elements, and the categories of storage and transportation conditions.

2 Field of application

This International Standard is applicable to newlymanufactured earth-moving machines as well as to those already in use to be preserved.

3 Definitions

For the purpose of this International Standard, the following definitions apply :

3.1
preservation
Set of operations to be carried out by the manufacturer, the user and others for the purpose of protecting a machine against the corrosive action of the environment and against minor damage that might occur during handling, transportation and storage.

3.2
transportation
Conveyance of a machine by any mode of transport, i.e., rail, road, sea, river and air.

3.3
storage
Period during which a machine is kept idle from the moment preservative is applied until the moment the preservative is removed.

3.4
removal of preservatives
Set of operations to be carried out by the dealer, the user and/or others prior to putting a machine into service.

4 Preservation

4.1 General

4.1.1 Preservation treatment consists of preliminary operations possibly involving some dismantling, marking, preparation for preservation, the preservation proper, and final packaging.

4.1.2 Preservation of a newly-manufactured machine and its elements, unless otherwise stipulated in the order or the contract of sale, shall be carried out by the manufacturer.

4.1.3 All materials used for the preservation of a machine and its elements shall conform to the specifications laid down in International Standards or other appropriate technical documents specified in the order or contract of sale, and shall ensure conservation of a machine for the intended period of preservation.

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