

AS 2957.3—1988/ISO 6749—1984

Australian Standard®

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**EARTH-MOVING MACHINERY—  
OPERATION AND MAINTENANCE**

**Part 3—PRESERVATION AND  
STORAGE**

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(ISO Title: Earth-moving machinery—Preservation and storage)

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.

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The following interests are represented on Committee ME/63:

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Bureau of Steel Manufacturers of Australia  
Construction Equipment Importers and Manufacturers of Australia  
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## CONTENTS

	<i>Page</i>
1 SCOPE .....	3
2 FIELD OF APPLICATION .....	3
3 DEFINITIONS .....	3
4 PRESERVATION .....	3
5 STORAGE AND TRANSPORTATION .....	6

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## FOREWORD

1. This Australian Standard corresponds with ISO 6749—1984, *Earth-moving machinery—Preservation and storage*.
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. For the purpose of this Australian Standard the words 'International Standard' should be replaced by 'Australian Standard'.

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# Earth-moving machinery—Operation and maintenance

## Part 3—Preservation and storage

### 1 Scope

This International Standard specifies 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.

### 2 Field of application

This International Standard is applicable to newly manufactured 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.

**4.1.4** A machine shall be delivered for preservation treatment without any traces of corrosion on metal surfaces, or damage to paintwork, metallic, or other coatings.

A used machine shall be reconditioned prior to preservation.

**4.1.5** Preservation treatment shall be carried out in suitable conditions (ambient temperature, humidity) and with the correct materials which provide for the required quality of preservation while taking due care to ensure the safety of personnel and protection of the environment.

**4.1.6** Each machine given the preservation treatment shall be provided with instructions for the removal of preservatives.

These instructions may be included as a separate chapter in the operator's manual.