

AS/NZS 1546.1:1998

Australian/New Zealand Standard[®]

**On-site domestic wastewater
treatment units**

Part 1: Septic tanks

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS/13 On-site Domestic Wastewater Management. It was approved on behalf of the Council of Standards Australia on 13 February 1998 and on behalf of the Council of Standards New Zealand on 9 January 1998. It was published on 5 April 1998.

The following interests are represented on the committee responsible for this draft Australian/ New Zealand Standard:

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Australian Society of Soil Science Inc.
Australian Water and Wastewater Association
Bureau of Steel Manufacturers of Australia
Composites Institute of Australia Inc.
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PREFACE

This Standard is one of a series being prepared by the Joint Standards Australia/Standards New Zealand Committee WS/13 on On-site Domestic Wastewater Management. It will supersede AS 1546-1990, *Small septic tanks*, and NZS 4610:1982 (in part), *Household septic tank systems*. Other Standards covering aerated wastewater treatment systems and waterless composting toilets are in the course of preparation.

There is a twofold objective in this Standard. The first is to provide a set of performance statements which define the requirements of a septic tank and which provide a base against which any septic tank, conventional or innovative may be assessed. The second is to provide manufacturers of conventional septic tanks and associated fittings systems made of various materials with basic manufacturing and test specifications. These will enable certification bodies to check that a product conforms to the Standard.

The illustrations used in this Standard are diagrammatic only and are chosen to illustrate principles of design or operation.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

Clauses prefixed by "C" and printed in italic type are comments, explanations, summaries of technical background, recommended practice or suggest approaches which satisfy the intent of the Standard. Corresponding mandatory clauses are not always present.

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CONTENTS

	<i>Page</i>
Preface	2
Referenced documents	7
 SECTION	
1 GENERAL	
1.1 Objective.....	6
1.2 Scope	6
1.3 Application	6
1.4 Legislation	7
1.5 Referenced documents	7
1.6 Definitions	7
 PERFORMANCE	
2 PERFORMANCE REQUIREMENTS AND PERFORMANCE CRITERIA	
2.1 Scope	10
2.2 Function and context of use	10
2.3 Performance requirements	10
2.4 Performance criteria	11
 MEANS OF COMPLIANCE	
3 GENERAL REQUIREMENTS OF CONVENTIONAL SEPTIC TANKS	
3.1 Scope	16
3.2 Septic tank capacities	16
3.3 Materials durability.....	16
3.4 Design	16
3.5 Inlet fittings and outlet fittings	16
3.6 Position of inlet and outlet fittings in tank.....	18
3.7 Gas baffles	18
3.8 Partitions	18
3.9 Vents	19
3.10 Access openings and covers.....	19
3.11 Extensions	19
3.12 Marking.....	19
3.13 Installation.....	19
4 MARKING OF SEPTIC TANKS	
4.1 Scope	24
4.2 General	24
4.3 Requirements	24
5 TESTING REQUIREMENTS OF SEPTIC TANKS	
5.1 Scope	25
5.2 Type testing	25
5.3 Routine quality testing	25
5.4 Quality certification	25

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