

AS EN 12079.3—2010

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Australian Standard[®]

**Offshore containers and associated
lifting sets**

**Part 3: Periodic inspection, examination
and testing
(EN 12079-3:2006, MOD)**



This Australian Standard® was prepared by Committee ME-025, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 23 March 2009. This Standard was published on 19 May 2010.

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-025, Lifting Tackle.

The objective of this Standard is to improve the alignment of Australian and international practice with regard to inspection, examination and testing of offshore containers and associated lifting sets.

The terms ‘normative’ and ‘informative’ are used in this Standard to define the application of the annex or appendix to which they apply. A normative annex or appendix is an integral part of a Standard, whereas an informative annex or appendix is only for information and guidance.

This Standard is an adoption, with national variations, of EN 12079-3:2006, *Offshore containers and associated lifting sets, Part 3: Periodic inspection, examination and testing*. The variations for application in Australia are listed in Appendix ZA.

As this Standard is reproduced from a European Standard, the following applies:

- (a) Its number appears on the cover and title page.
- (b) In the source text ‘EN 12079’ should read ‘AS EN 12079’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

Listed below are Australian and Australian/New Zealand Standards with similar scopes (not identical) to the documents referenced in the European Standard*.

| <i>Reference to International or European Standard</i> | | <i>Australian or Australian/New Zealand Standard</i> |
|--|---|--|
| EN | | |
| 473 | Non-destructive testing—Qualification and certification of NDT personnel—General principles | AS 3998 |
| 571-1 | Non-destructive testing—Penetrant testing, Part 1: General principles | AS 2062 |
| 818-4 | Short link chain for lifting purposes—Safety, Part 4: Chain slings—Grade 8 | AS 3775.1 |
| 818-6 | Short link chain for lifting purposes—Safety, Part 6: Chain slings—Specification for information for use and maintenance to be provided by the manufacturer | AS 3775.2 |
| 970 | Non-destructive examination of fusion welds—Visual examination | AS 3978, AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6, AS/NZS 1665 |
| 1289 | Non-destructive examination of welds—Penetrant testing of welds—Acceptance levels | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6 |

* Appendix ZA lists where Australian and Australia/New Zealand Standards may be used.

| <i>Reference to International or European Standard</i> | | <i>Australian or Australian/New Zealand Standard</i> |
|--|---|---|
| EN | | |
| 1290 | Non-destructive examination of welds—Magnetic particle examination of welds | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6, AS 1171 |
| 1291 | Non-destructive testing of welds—Magnetic particle testing of welds—Acceptance levels | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6 |
| 1435 | Non-destructive examination of welds—Radiographic examination of welded joints | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6, AS 2177 |
| 1712 | Non-destructive examination of welds—Ultrasonic examination of welded joints—Acceptance levels | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6 |
| 1714 | Non destructive examination of welds—Ultrasonic examination of welded joints | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6, AS 2062 |
| 12079-1 | Offshore containers and associated lifting sets, Part 1: Offshore containers—Design, manufacture and marking | AS EN 12079.1 |
| 12079-2 | Offshore containers and associated lifting sets, Part 2: Lifting sets—Design, manufacture and marking | AS EN 12079.2 |
| 12517-1 | Non-destructive testing of welds—Part 1: Evaluation of welded joints in steel, nickel, titanium and their alloys by radiography—Acceptance levels | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6 |
| 13414-2 | Steel wire rope slings—Safety—Part 2: Specification for information for use and maintenance to be provided by the manufacturer | AS/NZS 1666.2 |
| 30042 | Arc-welded joints in aluminium and its weldable alloys—Guidance on quality levels for imperfections | AS/NZS 1665 |
| ISO | | |
| 3834-2 | Quality requirements for fusion welding of metallic materials Part 2: Comprehensive quality requirements | AS/NZS ISO 3834.2 |
| 5817 | Welding—Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded)—Quality levels for imperfections | AS/NZS 1554.1, AS/NZS 1554.4, AS/NZS 1554.5, AS/NZS 1554.6 |

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