



List of Applicable Product Requirements

In accordance with the ACRS Product Certification Scheme Rules, certification of reinforcing steels, general steels and associated products may take place against the following applicable Product Requirements.

Where a Firm is Certified under the Scheme to a Product Class, all materials within that Product Class that are supplied to these Product Requirements by the Firm are Assessable Materials under the Scheme:

1. Concrete Reinforcing Steels:

- a) AS/NZS 4671: 2001, *Steel reinforcing materials*;
- b) AS/NZS 4671: 2019, *Steel for the reinforcement of concrete*;
- c) AS 4672: 2025, *Steel prestressing materials for Concrete*;
- d) AS/NZS 4672:2007, *Steel prestressing materials*;
- e) BS 6744: 2016 *Stainless Steel Bars – Reinforcement of Concrete – Requirements and Test Methods*

2. Hot-rolled Structural Steels:

- a) AS 1442: 2007, *Carbon steels & carbon-manganese steels – Hot rolled bars & semi-finished products*
- b) AS 3597:2008, *Structural & pressure vessel steel – Quenched & tempered plate*;
- c) AS/NZS 1594:2025, *Hot-rolled steel flat products*;
- d) AS/NZS 3678:2016, *Structural steel – Hot-rolled plates, floorplates and slabs*;
- e) AS/NZS 3679.1:2016, *Structural steel – Hot-rolled bars & sections*;
- f) AS/NZS 3679.2:2016, *Structural steel – Welded I sections*;

3. Cold-formed Structural Steels:

- a) AS 1074-1989 (R2018) *Steel tubes and tubulars for ordinary service*;
- b) AS 1579-2001 (R2018) *Arc-welded steel pipes and fittings for water and waste-water*;
- c) AS/NZS 1163:2016, *Cold-formed structural steel hollow sections*;
- d) EN 10219: 2006, *Cold formed welded structural hollow sections of non-alloy and fine grain steels*

4. Structural Connectors and anchors:

- a) ACRS Technical Approval “*Reinforcement couplers*”;
- b) AS/NZS 1252:2016, *High-strength steel fastener assemblies for structural engineering – Bolts, nuts and washers*.
- c) EN 14399: 2018, *High-Strength Structural Bolting Assemblies For Preloading*

In addition to the above Product Requirements, any Product Class may also be required to be Approved to the Product Requirements stipulated by:

- a) AS 3600:2018, *Concrete structures*;
- b) AS 4100:1998, *Steel structures*



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- c) AS 4100:2020, *Steel structures*
- d) AS 5100.5:2017, *Bridge design – Concrete*;
- e) AS/NZS 2327:2017, *Composite structures – Composite steel-concrete construction in buildings*;
- f) AS/NZS 5100.6:2017, *Bridge design – Steel and Composite Construction*;
- g) NZS 3101:2006, *Concrete Structures*
- h) NZS 3109:1997, *Concrete construction*;
- i) NZS 3404:1997 *Steel structures Standard, Materials, fabrication, and construction*
- j) Government specifications and/or manufacturers' specifications;

This list shall be modified from time to time to suit usage requirements.

DOCUMENT CONTROL

Most recent version	Operative date	Summary of changes from last version	Approved by
2.8	10/09/2025	Removal of AS/NZS5131 and inclusion of AS4672:2025 and AS/NZS 1594 to Assessable Materials	Executive Director
2.7	15/06/2021	Addition of new version of some standards to match latest JAS-ANZ accreditation schedule.	Executive Director
2.6	27/05/2020	Addition of reference to new edition AS/NZS 4671; 2019. Addition of reference to EN 14399 - <i>High-Strength Structural Bolting Assemblies For Preloading</i> . Renaming "Ancillary products" as "Structural Connectors and anchors". Moving all approved standards into appropriate class.	Board
2.5	04/12/2019	Addition of reference to BS 6744: 2016 <i>Stainless Steel Bars – Reinforcement of Concrete – Requirements and Test Methods</i> to reflect JAS-ANZ scope of accreditation. Reference to AS/NZS 5131 moved to Section 2 and footnote added.	Board
2.4	04/06/2019	Amendment of reference to AS 3600 to reflect new 2018 edition, and addition of AS 1074 (R2018) <i>Steel tubes and tubulars for ordinary service</i> , to reflect JAS-ANZ scope of accreditation.	Executive Director
2.3	29/08/2018	Addition of reference to AS 1579-2001 Arc-welded steel pipes and fittings for water and waste-water and amendment of reference to NZS 3404.1 to reissued 1997 version	Board



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2.2	30/05/2018	Addition of BS EN 10219 <i>Cold formed welded structural hollow sections of non-alloy and fine grain steels</i>	Board
2.1	07/02/2018	Amendment to reflect ACRS's updated scope of JAS-ANZ accreditation to AS 1442 and AS/NZS 5131.	Board
2.0	31/05/2017	Grouping of Assessable Materials to reflect new Product Classes referenced in Scheme Rules V11	Board
1.2	26/05/2016	Addition of reference to AS 3597 after board approval	Board
1.1	10/02/2016	Addition of reference to Assessable Materials	Executive Director
1.0	30/03/2015	Board approval	Board
Draft 1	27/03/2015	Preliminary draft of the list based on the previous clause 4 of the ACRS Rules.	