

Appendix A: published projects dedicated to the development of Australian Standards in recent years

Designation	Title	Scope	Completion Date
AS/NZS 1554.1	Structural steel welding – Part 1: Welding of steel structures	This Standard specifies requirements for the welding of steel structures made up of combinations of steel plate, sheet or sections, including hollow sections and built-up sections, or castings and forgings.	2014
AS/NZS 1554.3	Structural steel welding – Part 3: Welding of reinforcing steel	This Standard specifies requirements for the welding of reinforcing steel used in concrete structures that are designed and constructed in accordance with AS 3600 or NZS 3101.1, as well as other Standards that may be appropriate.	2014
AS/NZS 1554.4	Structural steel welding - Part 4: Welding of high strength quenched and tempered steels	This Standard is limited to the welding of quenched and tempered steel parent material complying with Clause 2.1.	2014
AS/NZS 1554.5	Structural steel welding - Part 5: Welding of steel structure subject to high levels of fatigue loading	The Standard applies specifically to the welding of steelwork in structures complying with AS 3990, AS 4100 or NZS 3404.1. Where welded joints in these structures are governed by dynamic loading conditions. In addition to the above mentioned structures, the Standard applies to the welding of bridges, cranes, hoists, other dynamically loaded structures and steelwork in applications other than structural.	2014

AS/NZS 1554.7	Structural steel welding - Part 7: Welding of sheet steel structures	This Standard specifies requirements for the arc welding of steel structures made up of combinations of steel plate, sheet or sections, including pipe, hollow sections and built up sections (collectively referred to herein as sheet steels) up to 4.8 mm in thickness.	2014
AS/NZS 2179.1	Specifications for rainwater goods, accessories and fasteners – Part 1: Metal shape or sheet rainwater goods, and metal accessories and fasteners	This Standard specifies provisions for prepainted metal, metal and organic film/metal laminated shape or sheet rainwater goods, and metal accessories and fasteners.	2014
AS/NZS 2312.1	Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings - Part 1: Paint coatings	This Standard provides guidelines for the selection and specification of paint coating systems for the protection of structural steel work against atmospheric corrosion. Part 2 and Part 3 of the AS/NZS 2312 series of Standards cover metallic coatings.	2014
AS/NZS 2425	Bar chairs in reinforced concrete – Product requirements and test methods	This Standard specifies requirements for bar chairs and spacers, including continuous bar chairs, and covers strength, permanent deflection, accuracy of manufacturing within acceptable tolerances (dimensions and stability), identification/batch/supplier traceability, and fixing. Minimum requirements for load capacity testing of bar chairs and spacers are specified to ensure that cover to reinforcement in reinforced concrete structural elements is maintained within acceptable tolerances under the application of prescribed construction loads.	2015

AS 3850.1	Prefabricated concrete elements – Part1: General requirements	This Standard provides general requirements for the materials, components and equipment used in the manufacture of prefabricated concrete elements.	2015
AS 3850.2	Prefabricated concrete elements - Part 2: Building construction	This Standard provides requirements for planning, construction, design, casting, transportation, erection and incorporation into the final structure of prefabricated concrete elements in building construction. It applies to prefabricated concrete elements including, but not limited to, wall elements, columns, beams, flooring and facade elements used in building construction.	2015
AS/NZS 4389	Roof safety mesh	This Standard specifies minimum requirements for the design, construction, testing and installation of roof safety mesh as a primary means for fall protection when working at heights in domestic, commercial and industrial building applications that use metal or timber purlins, or a tested supporting member.	2015
SA HB 39	Installation code for metal roof and wall cladding	This Handbook provides information and basic guidelines on the selection, performance and installation of metal roofing and wall cladding. Although the fixing details for roof drainage systems relate mainly to steel, acknowledgment is made of the other materials in common use such as profiled fibreglass reinforced polyester (FRP) and polycarbonate.	2015