



## Appendix B: current resourced projects aligned with the roadmap developed by the steel sector

<b>Designation</b>	<b>Title</b>	<b>Scope</b>	<b>Expected Completion Date</b>
AS/NZS 1163	Cold-formed structural steel hollow sections	This Standard specifies the requirements for the production and supply of cold-formed, electric resistance-welded, steel hollow sections used for structural purposes. It considers three strength grades, with or without impact properties, that are suitable for welding. This Standard applies to structural hollow sections formed cold without subsequent heat treatment.	2016
AS/NZS 3679.1	Structural steel – Part 1: Hot-rolled bars and sections.	This Standard specifies the requirements for the production and supply of hot-rolled structural steel bars and sections. This Standard is intended for general structural and engineering applications.	2016
AS/NZS 3679.2	Structural steel – Part 2: Welded I sections	This Standard specifies requirements for the production and supply of welded I sections for general structural and engineering purposes. This Standard is intended for general structural and engineering applications.	2016
AS/NZS 3678	Structural steel – Hot-rolled plates, floorplates and slabs	This Standard specifies requirements for the production and supply of hot-rolled structural steel plates and floorplates for mechanically-tested steels, analysis-only steels, and mechanically-tested weathering steels. This Standard also specifies requirements for the production and supply of wide slabs as fully-killed analysis-only steel. This Standard is intended for general structural and engineering applications.	2016

AS/NZS 1252	High strength steel bolt assemblies comprising bolts, nuts and washers for structural engineering	This Standard specifies the dimensional, material and marking requirements for steel bolts of property class 8.8 and steel nuts of property class 8 with ISO metric coarse pitch series threads in diameters from 16 mm to 36 mm and associated hardened and tempered steel washers intended for use in steel structures.	2016
AS/NZS 5131	Fabrication and erection of steel structures	This Standard sets out minimum requirements for the construction of structural steelwork involving fabrication, preparation of steel surfaces for corrosion protection, corrosion protection comprising painting and galvanizing, erection and modification of steelwork. It applies to complete structures, individual members and components and manufactured components pre-fabricated for inclusion in a steel structure.	2017
AS 3727.1	Pavements – Part 1: Residential	This Standard specifies the design and construction of pavements for light usage, low speed, non-commercial applications for vehicles with a gross vehicle mass not exceeding 10 t. This includes patios, paths, driveways, vehicle crossovers and recreational pavements such as cycleways.	2016
AS/NZS 4600	Cold formed steel structures	This Standard sets out minimum requirements for the design of structural members cold-formed to shape from carbon or low-alloy steel sheet, strip, plate or bar not more than 25 mm in thickness and used for load-carrying purposes in buildings. It is also applicable for structures other than buildings provided appropriate allowances are made for dynamic effects.	2017

Standards Australia's Submission to the Senate inquiry  
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AS/NZS 5100.6	Bridge design – Part 6: Steel and composite construction	This Standard sets out minimum requirements for the design of the structural steelwork in bridges. Wrought and cast iron structures may be checked in accordance with this Standard, using the appropriate material properties and capacity reduction factors. In addition, this Standard applies to the design of other steel components of bridges including steel piers, steel railings and sign structures.	2016
SA TS 102	Technical specification for structural steel -Limits on residual elements	This Technical Specification specifies additional limits for residual elements in AS/NZS 1163, AS/NZS 3678 and AS/NZS 3679.1.	2016
SA TS 103	Technical specification for structural steel welding to AS/NZS 1554 Parts 1, 5 and 7 – Limits on boron in parent materials	This Technical Specification specifies the boron limits for the parent material as listed in Clause 2.1 of AS/NZS 1554, Parts 1, 5 and 7 (2014).	2016