



Certification

Suggested Wording

This document provides suggested wording for specifiers and structural engineers for inclusion on contract specification and design drawings. Use of these suggested statements can help ensure that welding requirements as specified in CSA design standards are correctly defined. These statements are intended as guidance only; users are cautioned to ensure any specific project requirements related to welding are also communicated.

For further information, please contact the CWB at 1-800-844-6790 or info@cwbgroup.org.

For work to be conducted under CSA Standard S16 “Design of Steel Structures”

- *Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.1 (latest edition) “Certification of Companies for Fusion Welding of Steel” in Division 1 or 2. All welding shall be done in accordance with and meet the quality requirements of CSA Standard W59 (latest edition).*

Or

- *Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.1 (latest edition) “Certification of Companies for the Fusion Welding Of Steel” in Division 1 or 2. All welding shall be done in accordance with and meet the quality requirements of CSA Standard W59 (latest edition). All welders employed by the company shall hold valid qualifications issued by the Canadian Welding Bureau. All welding shall be done in accordance with welding procedures approved by the Canadian Welding Bureau.*

For work to be conducted under CSA Standard S157 “Strength Design in Aluminum”

- *Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.2 (latest edition) “Certification of Companies for the Fusion Welding Of Aluminum” {in Division 1 or 2*} All welding shall be done in accordance with and meet the quality requirements of CSA Standard W59.2 (latest edition).*

Or



- *Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.2 (latest edition), Certification of Companies for the Fusion Welding Of Aluminum {in Division 1 or 2*}. All welding shall be done in accordance with and meet the quality requirements of CSA Standard W59.2 (latest edition). All welders employed by the company shall hold valid qualifications issued by the Canadian Welding Bureau. All welding shall be done in accordance with welding procedures approved by the Canadian Welding Bureau.*

**Note: CSA S157 does not specify a particular division of certification. If a particular division is desired, this should be specified.*

For work to be conducted under CSA Standard A23.3 “Design of Concrete Structures”

- *Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W186 (latest edition) “Welding of Reinforcing Bars in Reinforced Concrete Construction”. All welding shall be done in accordance with and meet the quality requirements of CSA Standard W186 (latest edition).*

Or

- *Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W186 (latest edition) “Welding of Reinforcing Bars in Reinforced Concrete Construction”. All welding shall be done in accordance with and meet the quality requirements of CSA Standard W186 (latest edition). All welders employed by the company shall hold valid qualifications issued by the Canadian Welding Bureau. All welding shall be done in accordance with welding procedures approved by the Canadian Welding Bureau.*

For work to be conducted under CSA Standard A660 “Certification of manufacturers of steel building systems” as required by Section 4.3.4.3. of the National Building Code

- *Steel building systems shall be manufactured by companies certified to the requirements of CSA-A660, “Certification of Manufacturers of Steel Building Systems.” Where welding is used in the manufacturing process, it shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.1 (latest edition” Certification of Companies for Fusion Welding of Steel” in Division 1 or 2 or to CSA Standard W55.3 “Certification of companies for resistance welding of steel and aluminium” as applicable. All welding shall be done in accordance with and meet the quality requirements of CSA Standard W59 (latest edition).*