# Certification References

**STEEL BUILDING SYSTEMS**
National & Provincial Building Codes-
**Section 4.3.4.3**
**Steel Building Systems**
*"Steel building systems shall be manufactured by companies certified in accordance with the requirements of CSA A660, 'Certification of Manufacturers of Steel Building Systems' "*

**CSA A660**
Certification of Manufacturers of Steel Building Systems

**STRUCTURAL STEEL**
National & Provincial Building Codes-
**Section 4.3.4.1**
**Design Basis for Structural Steel**
*"Buildings and their structural members made of structural steel shall conform to CAN/CSA S16, Design of Steel' Structures"*

**CAN/CSA S16**
Design of Steel Structures

**Clause 16.5.15**
Joist Fabrication

**Clause 24.2**
Resistance Welding

**Clause 16.8.5**
Installation of Steel Deck

**Clause 24.3**
Fabricator and Erector Qualification

**COLD FORMED STEEL**
National & Provincial Building Codes-
**Section 4.3.4.2**
**Design Basis for Cold Formed Steel**
*"Buildings and their structural members made of cold formed steel shall conform to CAN/CSA S136 North American Specification for the Design of Cold Formed Steel Structural Members"*

**CAN/CSA S136**
North American Specification for the Design of Cold-formed Steel Structural Members

**Clause J2a**
Welded Connections

**CSA W55.3**
Certification of Companies for Resistance Welding of Steel and Aluminum

**CSA W47.1- 2009**
Certification of Companies for Fusion Welding of Steel

**CONCRETE**
National & Provincial Building Codes-
**Section 4.3.3.1**
**Design Basis for Plain, Reinforced and Pressed Concrete**
*"Buildings and their structural members made of plain, reinforced or prestressed concrete shall conform to CSA A23.3 Design of Concrete Structures"*

**CSA A23.3**
Design of Concrete Structures

**CSA A23.1-09**
Concrete Materials and Methods of Concrete Construction

**Clause 6.6.10**
Welding of Reinforcement

**Clause 6.7.4**
Welding of Hardware

**CSA W186**
Welding of Reinforcing Bars in Reinforced Concrete Construction

**CSA W59**
Welded Steel Construction (Metal Arc Welding)

**STRUCTURAL ALUMINUM**
National & Provincial Building Codes-
**Section 4.3.5.1**
**Design Basis for Aluminum**
*"Buildings and their structural members made aluminum shall conform to CSA S157 Strength Design in Aluminum"*

**CSA S157**
Strength Design in Aluminum

**Clause 18.8**
Welding

**CSA W47.2**
Certification of Companies for Fusion Welding of Aluminum
**CSA W59.2**
Welded Aluminum Construction