



cwbcertification

Regardless of residential, commercial, or industrial, welding activities for buildings and building services must be conducted by CWB certified welding fabricators/erectors with competent, qualified and approved welding personnel, welding supervisors, welding engineers, welding procedures and a quality system program.

Below are some but not limited to metal structural components used in residential construction:

- Stairs/Railings - entrance, lofts, stairs, etc.
- Ramps/Decks/patios/platforms (houses, condos, apartments).
- Doors/Garage door framing support
- Floor/upper-level supports (Beams, columns, posts)
- Headers/Lintels, Piles/Helical piles/piers
- Boathouses, docks

Clause 24.1.2 Workmanship requirements: Unless otherwise specified in this Standard, workmanship, fabrication techniques, and quality of welds shall meet the requirements of CSA W59.

Clause 24.3 of the Canadian standard CSA S16, Design of Structural Structures, specifies the mandatory qualification and certification requirements for fabricators and erectors responsible for welding structural steel components.

"Fabricators and erectors responsible for welding structures fabricated or erected under this Standard shall meet the requirements of CSA W47.1, CSA W55.3 or both, as applicable in Division 1 or Division 2. Part of the work may be sublet to a Division 3 fabricator or erector; however, the Division 1 or Division 2 fabricator or erector shall retain responsibility for the sublet work."

Upon request certified fabricators must provide evidence of the following:

- CWB Certificate indicating the applicable certification standard,
- CWB Letter of Validation for the current period,
- CWB approved welding engineer for division 1 or 2 certified companies,
- Welding supervisor qualification listing the company name,
- Valid welding personnel qualifications for the metals, processes and positions in use,
- CWB approved welding procedures for the metals, processes, positions consumables, and joint configurations in use
- The suitably trained and experienced or certified individual deemed competent by the contractor to perform visual weld inspections.



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CUSTOM FABRICATION | INTERIOR / EXTERIOR RAILINGS | INTERIOR / EXTERIOR STAIRS | GATES
STAINLESS TABLES / COUNTERS | STAINLESS FABRICATION | ALUMINUM FABRICATION
DECORATIVE PLASMA CUTTING | PRIVACY SCREENS | CUSTOM SIGNS | CHIMNEY CAPS
CUSTOM CABINETS | STRUCTURAL STEEL | ACCESS LADDERS | FLATDECKS / SERVICE BODIES
VAN UPFITTING | 3D DESIGN | PROJECT MANAGEMENT