



COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT
BUILDING DIVISION
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Town of Mammoth Lakes - Welding Shop Requirements

General Welding:

All welding done within the jurisdiction of the Town of Mammoth Lakes shall be performed by a contractor with at least one of the following state contractor Licenses. (Welders can only perform work within the limits of their state licensing)

"A" General Engineering

A general engineering contractor is a contractor whose principal contracting business is in connection with fixed works requiring specialized engineering knowledge and skill, including the following divisions or subjects: irrigation, drainage, water power, water supply, flood control, inland water ways, harbors, docks and wharves, shipyards and ports, dams and hydroelectric projects, levees, river control and reclamation works, railroads, highways, streets and roads, tunnels, airports and airways, sewers and sewage disposal plants and systems, waste reduction plants, bridges, overpasses, underpasses and other similar works, pipelines and other systems for the transmission of petroleum and other liquids or gaseous substances, parks, playgrounds and other recreational works, refineries, chemical plants and similar industrial plants requiring specialized engineering knowledge and skill, powerhouses, power plants and other utilities plants and installations, mines and metallurgical plants, land leveling and earthmoving projects, excavating, grading, trenching, paving and surfacing work, and cement and concrete works in connection with the above mentioned fixed works. (BPC §7056)

C-51 Structural Steel

A structural steel contractor fabricates and erects structural steel shapes and plates, of any profile or cross-section that are or may be used as structural members for buildings and structures, including the riveting, welding, rigging, and metal roofing systems necessary to perform this work. (832.51 CCR)

C-60 Welding

A welding contractor causes metal to become permanently attached, joined and fabricated by the use of gases and electrical energy, which creates temperatures of sufficient heat to perform this work. (832.60 CCR)

Structural Welding:

Special inspection of fabricated items (CBC 1704.2.5). "Where fabrication of structural, load-bearing or lateral load-resisting members or assemblies is being conducted on the premises of a fabricator's shop, special inspections of the fabricated items shall be performed during fabrication". When approved by the building official in shop special inspections are not required with "Fabricator Approval" (CBC 1704.2.5.1). Fabricator approval is required before work begins. The requirements for approval are listed below. Fabricators located outside of the Town of Mammoth Lakes will be approved based on their local jurisdiction's requirements, but the town's minimum standard must be met. This exception for special inspections dose not cover field welding or additional requirements by the design professional in the approved construction documents

Fabricator Approval:

1. Contractor license
 - "A" General Engineering
 - C-51 Structural Steel
2. Town of Mammoth Lakes business License.
3. Workers comp for employees
4. Annual shop Audit.
 - A. Verify shops approved detailed fabrication and quality control procedures
 - B. Verify any special supplies storage requirements
 - C. Equipment conditions
 - D. Welder certifications
 - E. Continuity logs
5. Maintains individual welding certification for all welders in the shop. Testing, continuity logs,
 - A. Welding certification from an accredited welding organization or shop certification.
 - B. Certification must match type of work being done
 - C. Certifications must prove to be current with a continuity log.

1704A.2.1 Special inspector qualifications

Prior to the start of the construction, the approved agencies shall provide written documentation to the building official demonstrating the competence and relevant experience or training of the special inspectors who will perform the special inspections and tests during construction. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of special inspection or testing activities for projects of similar complexity and material qualities. These qualifications are in addition to qualifications specified in other sections of this code.

The registered design professional in responsible charge and engineers of record involved in the design of the project are permitted to act as the approved agency and their personnel are permitted to act as special inspectors for the work designed by them, provided they qualify as special inspectors.