



Effective January 1, 2002, per Section 1704.3 of the City of Phoenix Construction Code, proof of Special Structural Inspections are required on all structural welding during the welding of any member or connection that is designed to resist the loads and forces required by the Code. This includes all shop welding and field welding.

*Exception: Special Inspections required by Section 1704.2.1 are not required where the work was done on the premises of a fabricator registered and approved by the Phoenix building official to perform the work without special inspections.*

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**FOR PLAN REVIEW AND PERMIT ISSUANCE:**

- PROVIDE A NOTE IN THE STRUCTURAL SPECIFICATIONS

All structural welding is to be provided with continuous special inspections except where periodic special inspections are allowed by Section 1704.3, exception #2 of the City of Phoenix Construction Code. Special inspections are not required when the work is done on the premises of an approved fabricator.

- FILL OUT AND RETURN THE FORM FOR SPECIAL STRUCTURAL INSPECTIONS

**FOR INSPECTION APPROVAL:**

- PROJECTS WITHOUT APPROVED STEEL FABRICATORS:

Provide the structural inspector with the documentation from the special inspector that the special inspections required by the code on the structural welding including welding performed off site have been performed.

- PROJECTS WITH APPROVED STEEL FABRICATORS:

Provide the structural inspector with the name of the approved fabricator at the time of the first structural inspection on the project. An **approved fabricator** means a manufacturer who has received approval from the City of Phoenix based on holding a current verification of certification from any one of the following:

1. American Institute of Steel Construction, Inc. (AISC)
2. The City of Los Angeles, California
3. Clark County, Nevada

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4. International Accreditation Service, Inc. (IAS)
  5. Other approved testing agencies as determined acceptable by the Phoenix Building Official
- Labels indicating the fabricator must be on all steel taken to the job site for installation.

**CAUTION:** *Failure to comply with Section 1704.2.1 of the City of Phoenix Construction Code will result in the builder performing remedial measures, as required by the building official, to certify the structural welding and will delay certificate of occupancy.*