



City of San Diego
Development Services Department
Plan Review Division
Permit Center • 1222 First Avenue • MS-401
San Diego, CA 92101
(619) 236-6250

Building Newsletter 17-6

Off-Site Fabrication of Building Components

Interpretations of State and Local Building Codes
1994 Uniform Building Code: Chapter 17
Revision Date: January 1996

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UBC Reference, Sections: 1701.2, 1701.3, 1701.7

I. Purpose

This newsletter outlines procedures for the acceptance of fabrication of building components when the work is to be performed on the premises of a fabricator's shop.

It is the responsibility of the architect/engineer of record and/or the project contractor to assure that all requirements of this newsletter are satisfied.

II. Scope

These requirements are applicable to the fabrication of building components such as structural steel members, pre-cast concrete members and other building components that are required to have continuous or periodic inspection by a special inspector.

III. Registered and approved Fabricator

A. A fabricator is considered to be registered and approved by the City of San Diego Development Services Department when:

1. The fabricator has a current **ICBO** Evaluation Service approval for fabricating the type of building component. Address inquiries to:

International Conference Of Building Officials
5360 Workman Mill Road
Whittier, CA 90601-2298
(310) 699-0543
FAX: (310) 695-4694

2. A fabricator *may* also be considered as registered and approved for fabricating a specific type of building component when it is accepted by a recognized listing agency. Evidence must be submitted and accepted by the building official verifying that the acceptance criteria of the listing agency are equivalent to those of the **ICBO** Evaluation Service, Inc. and that the listing agency responsible for monitoring the effectiveness of the quality control program does so for all work performed by the fabricator.

2.1 Structural Steel Fabrication and/or Welding:

American Institute of Steel Construction (AISC) and the City of Los Angeles, Department of Building and Safety are examples of such recognized listing agencies for accepting fabricators for structural steel fabrication and/or structural steel welding. Address inquiries to:

American Institute of Steel Construction
Quality Certification Program
One East Wacker Drive, Suite 3100
Chicago, IL 60601-2001
(312) 670-2400
FAX: (312) 670-5403

City of Los Angeles
Department of Building and Safety
Research & Development Division
Materials Control Section
425 Shatto Place, Room 302
Los Angeles, CA 90020
(213)368-7569
FAX: (213)368-7550

B. Continuous special inspection is NOT required when the work is performed on the premises of a registered and approved fabricator subject to the following conditions:

1. All fabricated components delivered to the job site shall be marked or labeled to clearly identify their origin and when appropriate, their intended location in the structure.
2. After fabrication of components are completed, a 'Certificate of Compliance' form is submitted. See Section V below.
3. Fabricators approved to perform off-site fabrication under section A(2) above, must also submit a copy of their current approval from the listing agency to the Inspection Services Division.

IV. Not Registered Fabricator

A. A fabricator not qualified under Section III above, is NOT considered to be registered with this department. However, such fabricators *may* be permitted to perform shop fabrication of components for buildings and structures subject to the following conditions:

1. Approval by the building official of a written 'Application to Perform Off-Site Fabrication' must be obtained prior to commencing fabrication of any component for the structure(s). Application Forms for this purpose are available from the Inspection Services Division.
2. A separate application must be submitted to the Inspection Services Division for each individual permitted job.
3. Continuous or periodic special inspection, as noted on the approved plans, by a special inspector is

required when work is performed on the premises of a fabricator that is not registered by a recognized listing agency and this department.

4. After fabrication of components are completed, a 'Certificate of Compliance' form is submitted. See Section V below.

V. Certification of Compliance

- A. When components are shop fabricated, the fabricator shall issue a 'Certificate of Compliance' form stating that the fabricated components comply with the approved plans, specifications and applicable regulations. This certificate shall be submitted to the Inspection Services Division and the architect/engineer of record prior to shipment and/or erection of pre-fabricated building components. A copy of this certificate shall also accompany the pre-fabricated components when shipped to the job-site. This form may be obtained from the Inspection Services Division or may be requested by phone.

VI. Special Inspector

Special inspections must be performed by special inspectors certified by the Inspection Services Division

of the City of San Diego, Development Services Department.

A list of certified special inspectors is available for review at the Inspection Services Division.

VII. Testing Laboratories and Agencies

Testing of pre-fabricated building components as required by the Uniform Building Code, must be conducted by testing laboratories or agencies approved by the Inspection Services Division of the City of San Diego, Development Services Department.

A list of approved testing agencies or laboratories is available upon request.

VIII. Limitations

Components shall NOT be shipped NOR erected unless they are in full compliance with the requirements of the Uniform Building Code, Code Amendments, approved plans and specifications and other regulations. In addition, all forms must be properly filed and approved by the Inspection Services Division. If you have any questions, you may contact the Inspection Services Division by phone at (619)492-5070 or by fax at (619)492-5098.