

SUPPLEMENTARY RULES AND REGULATIONS GOVERNING FABRICATORS OF HIGH-STRENGTH STRUCTURAL STEEL

A. APPLICABILITY.

The following rules and regulations shall only apply to a structural steel fabricator licensee who has made application for and has been granted supplemental approval to process the high-strength structural steels. These rules shall be in addition to the rules in Information Bulletin **P/BC 2002-042 *Application for Approval as Fabricator*** under which the license for structural steel fabrication, including welding, is issued and shall apply to any high-strength steel listed in the Code or General Approvals but not apply to the light gage structural steels.

B. QUALIFICATIONS.

1. High-strength structural steel shall only be fabricated by licensed fabricators specifically approved by the Department for that purpose.
2. Applicants for approval as fabricators of high-strength structural steel shall exhibit the following qualifications:
 - a. An established quality control group separate from production supervision.
 - b. A well-regulated separate storage system under the control of the quality control personnel. A detailed procedure for maintaining steel identity by indent marking shall be in effect.

Exception: Separate storage is not required when ordered and stored as a job, on a job to job basis.
 - c. The fabricators shop shall be located within the travel area (60 Mile radius) of the Departmental inspectors unless specifically approved otherwise by the department.
 - d. The fabricator shall agree to immediately advise the Department of any changes in the control or identification procedures or a change in the approved testing laboratory used for the verification of high-strength material.
3. Field fabrication of high-strength steel shall not be permitted.

C. STEEL IDENTIFICATION.

1. High-Strength steel shall be identified in accordance with ASTM A6 by the mill prior to shipment.
2. SHAPES, PLATES, CUT PLATES, RODS AND ROLLED SECTIONS:
 - a. The fabricator shall provide a representative (Registered Deputy Inspector preferred) of an Approved Testing Laboratory to determine the grade of steel from the mill's report for that particular heat and shall apply an indented identification mark to each piece and each segment which will be cut from the items shown above. The identification mark shall show the grade of steel, the name or symbol of the approved testing laboratory and the name or personalized mark of the testing laboratory employee who verified that particular piece of steel. The approved testing laboratory shall maintain a permanent record of all high-strength steel which has been identified.

- Exception:**
- 1). Fabricators out of the travel area, without reasonable access to an approved testing agency, can file for a modification to establish in-house identification of High Strength Steel.
 - 2). An employee of the licensed fabricator qualified by the Department of Building and Safety (Materials Control Section) may be substituted for the testing laboratory employee where the shop of the fabricator is located within the travel area (60 mile radius) of the Department Inspectors.

D. CERTIFICATION.

Upon completion of the shop fabrication for a job utilizing high-strength structural steel the fabricator shall file with the Department a certification, signed by an authorized officer of the fabricating firm, that the grade of steel and the shop fabrication are in compliance with the approved plan and the requirements of the Los Angeles Building Code.

E. TESTS.

The Department may require tests on samples taken from the work. The tests shall encompass all of the required physical properties of the applicable ASTM Specification and required chemical properties where the steel is welded or to be welded.

F. REVOCATION OR CANCELLATION.

Procedures for actions to revoke or cancel the supplementary approval under these rules shall be as set forth in Information Bulletin **P/BC 2002-042** governing Approved Fabricators.