



Clark County Department of Building & Fire Prevention

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| Division: | Building & Fire Prevention | Policy & Procedure: | BD-CI-214 |
| Subject: | Structural Steel Identification | Effective Date: | 05/01/2007 |
| Code: | 2018 IBC 2202 (AISC 360) and 2015 AWS D1.1 | Revised Date: | 01/01/2021 |

A. CODE REQUIREMENT

The IBC requires steel furnished for structural load carrying purposes shall be properly identified for conformity to the ordered grade in accordance with the specified ASTM standard or other specification and the provisions of Chapter 22.

B. INTERPRETATION

1. The IBC Section 2202 (AISC 360) and 2015 AWS D1.1 Section 3.3 (Table 3.1) requires that code recognized materials be used. In order to accomplish this, the steel must be directly traceable to the Manufacturer's Test Report (MTR). Physical identification of steel shall remain discernable until the steel has been erected and accepted.
2. Section 2203.1 of the IBC states in part, "Steel that is not readily identifiable as to grade from marking and test records shall be tested to determine conformity to such standards." The absence of steel identification on structural steel is considered a reportable condition and shall be resolved by testing of the steel in question.

C. RATIONALE

1. It is important that an emphasis be placed upon the traceability and identification of structural steel. Clark County's implementation of a strict enforcement policy of the identification of structural steel has been in effect since August 28, 1995. This policy has been revised to reflect the 2015 AWS D1.1 code and the 2018 IBC.

Prepared By: Engineering

Date Prepared: 2007

Revision History:

| Title | Revision/Approved Date | Effective Date |
|---|-------------------------------|-----------------------|
| Structural Steel Identification AD-CI-IBC-013 | | 05/01/2007 |
| Structural Steel Identification BD-CI-029 | 08/15/2012 | |
| Structural Steel Identification BD-CI-029 | 06/30/2015 | |
| Structural Steel Identification BD-CI-214 | 01/01/2021 | |
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Structural Steel Identification