



Clark County Department of Building & Fire Prevention

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|------------------|---------------------------------|----------------------------|------------|
| Division: | Building Division - Engineering | Code Interpretation | BE-CI-029 |
| Subject: | STRUCTURAL STEEL IDENTIFICATION | Effective Date: | 05/01/2007 |
| Code: | IBC 2203.1, AISC 360 | Revised Date: | 08/15/2012 |

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 2203.1 (AISC 360) and 2004 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 2004 AWS D1.1 code and the 2009 IBC.

Revision History:

| POLICY # | TITLE | Effective Date | Revised | Reviewed |
|---------------|---------------------------------|----------------|-----------------|-----------------|
| AD-CI-IBC-013 | Structural Steel Identification | May 1, 2007 | | |
| BD-CI-029 | Structural Steel Identification | | | August 15, 2008 |
| BD-CI-029 | Structural Steel Identification | | August 15, 2012 | |
| BE-CI-029 | Structural Steel Identification | | | June 20, 2014 |

Approved by:

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Concurred by:

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