

AMERICAN INSTITUTE OF STEEL CONSTRUCTION

SPECIFICATION FOR THE
DESIGN, FABRICATION AND ERECTION
OF STRUCTURAL STEEL FOR BUILDINGS
(RIVETED, BOLTED AND ARC-WELDED CONSTRUCTION)

This Specification defines the practice adopted by the American Institute of Steel Construction in the design, fabrication, and erection of structural steel for Buildings.

ADMINISTRATIVE PROVISIONS

SECTION 1. TYPES OF CONSTRUCTION.

Three basic types of design and design assumption are permissible, under the respective conditions stated hereinafter, and each will govern in a specific manner the sizes of members and the types and strength of their connections.

Type 1, commonly designated as "rigid-frame" (continuous, restrained frame), assumes that the end connections of all members in the frame have sufficient rigidity to hold virtually unchanged the original angles between such members and the members to which they connect.

Type 2, commonly designated as "conventional" or "simple" framing (unrestrained, free-ended), assumes that the ends of beams and girders are connected for shear only, and are free to rotate under load.

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Ram S. Gupta



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