

Download Quality Control Manual For Structural Steel Fabrication

INTRODUCTION MNL-116, Fourth Edition The information in this manual is intended to serve as standards for quality control for the manufacture of precast and prestressed concrete products and as a complete guide for the fabrication of steelwork components that will, when assembled and joined, form a complete frame. The frame generally uses readily available standard sections that are purchased from the steelmaker or steel stockholder, together with such items as protective coatings and bolts from other specialist suppliers. Although a wide range of section shapes and sizes are available, structural steel is a category of steel used for making construction materials in a variety of shapes. Many structural steel shapes take the form of an elongated beam having a profile of a specific cross section. Structural steel shapes, sizes, chemical composition, mechanical properties such as strengths, storage practices, etc., are regulated by standards in most industrialized countries. QA/QC - 2011 Standard for American National Standards Institute/ Steel Deck Institute STEEL DECK s INSTITUTE® Quality Control and Quality Assurance for Installation of Steel Deck 4 User Note: Deck profile, thickness, physical properties, and finish may be shown on the installation drawings instead of on submitted catalogue sheets.