

GALVANIZE /T! SEMINAR SERIES OUTLINE



Designing for Hot-Dip Galvanizing

- I. Introduction and Learning Objectives
- II. Tour of Projects
- III. Hot-Dip Galvanizing Process
- IV. HDG Specifications
 - a. ASTM & Other Standards
 - b. Pre- and Post-Galv Supporting Specs
- V. Design & Fabrication
 - a. Steel Chemistry & Surface Condition
 - b. Size & Shape
 - c. Process Temperature/Heat
 - d. Venting & Drainage
 - e. Welding
 - f. Threaded Parts/Connections
 - g. Post Galvanizing Design/Use
 - h. Architecturally Exposed Structural Steel (AESS)

VI. Inspection, Touch-Up & Repair, and Storage

- a. Coating Thickness, Finish, & Appearance
- b. Appearance & Weathering
- c. Touch-Up & Repair
- d. Proper Storage & Handling

VII. Duplex Systems

- a. Why Duplex
- b. Proper Preparation
- c. Roles & Responsibilities
- VIII. Summary