1-Hour Hot-Dip Galvanized Steel for Parking Structures Seminar
(Health Safety & Welfare Credit Credit) (Scheduled – Classroom)

I. Introduction and Learning Objectives
II. Steel Parking Garage Overview & Sustainable Development
III. Hot-Dip Galvanizing Process
   a. Surface Preparation
   b. Galvanizing
   c. Inspection
IV. Hot-Dip Galvanized Coating Benefits
   a. Metallurgical Bond
   b. Edge Protection
   c. Complete Coverage
   d. Barrier & Cathodic Protection
   e. Zinc Patina
   f. Time to First Maintenance
V. HDG Parking Structure Social Benefits
   a. Appearance
   b. Safety
   c. Speed of Construction
   d. More with Less
VI. HDG Parking Structure Economic Savings
   a. Construction Savings
   b. Savings in Use
   c. Life-Cycle Savings
VII. Environmental Advantages
   a. LEED®
   b. Life-Cycle Assessment (LCA)
VIII. Galvanized Parking Garage Case Studies
IX. Conclusion: Parking for the Future

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