

EXPECTED IMPLEMENTATION JANUARY 2018

962 STRUCTURAL STEEL AND MISCELLANEOUS METAL ITEMS (OTHER THAN ALUMINUM)

(REV 3-24-17) (FA 4-11-17) (1-18)

SUBARTICLE 962-9.2 is deleted and the following substituted:

962-9.2 Fasteners and Hardware: When zinc coating is required in the Contract Documents, fasteners and hardware items shall be galvanized in accordance with the requirements of ASTM A153, Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware, except for high strength fasteners as noted below:

1. Do not galvanize Grade A490 bolts.
2. Mechanically galvanize ASTM F3125, Grade A325 Type 1 bolts in accordance with ASTM B695, Class 55.
3. For all anchor rods and hardware treat the coated rods, nuts and washers with chromate after coating in a water solution containing 0.2% sodium dichromate 3 ounces/10 gallons. Coat the bolt, nut and washer used in the fastener assembly by the same zinc process, and submit a test report on the zinc coating thickness.
4. For anchor rods fabricated from material having a yield strength greater than 80,000 psi, apply an electroplated zinc coating SC 3, Type II in accordance with ASTM B633.