MATERIAL SPECIFICATIONS FOR STAINLESS STEEL JUNCTION BOX

Provide Stainless Steel Junction Box that conforms to the following specifications:

A. General
   1. Ensure Stainless Steel Junction Box is rated for use in outdoor corrosive environments and provide water-tight seal.

B. Standards and Certifications
   1. UL 508A Listed
   2. NEMA Type 4X
   3. IEC 60529, IP66

C. Specifications
   1. Material
      a. 14 gauge Type 304 Stainless Steel body and door
      b. Unpainted brushed finish
   2. Sizing
      a. Nominal Dimensions
         1) Minimum: 16” H x 12” W x 8” D
         2) Maximum: 48” H x 36” W x 18” D
   3. Other Characteristics
      a. Continuously welded smooth seams
      b. Single door, and seamless foam-in-place gasket or neoprene gasket attached to door with oil resistant adhesive
      c. Rolled lip around three sides of door
      d. Screw-down clamps
      e. Stainless Steel door clamp assembly
      f. Hasp and staple for padlocking
      g. Bonding and grounding provisions