05 31 00 – Steel Decking
DIVISION 5 - Metals

STATEMENT OF PURPOSE & BACKGROUND

• Scope:
  o Selection and installation of steel floor and roof decking.

• Statement of goals:
  o Provide consistent, high quality products complying with all industry standards.

• Revision history of section:
  o 06/22/18 (date of adoption)

OUTLINE SPECIFICATION

• Part 1 General
  o Steel floor and roof decking and accessories as noted on drawings.

• Part 2 Products
  o Acceptable Manufacturers:
    ▪ ASC Group
    ▪ Nucor: Vulcraft/Verco Group
    ▪ Equivalent manufacturers approved, in writing, in advance, by the Architect, may be substituted in accordance with the provisions of the Contract.
  
  o Composite floor decking:
    ▪ Fluted steel sheet embossed to interlock with concrete
    ▪ Galvanized sheet steel
    ▪ Nominal height: 2 or 3 inches or as shown on drawings.
  
  o Acoustical Roof Deck:
    ▪ Non-composite type, steel sheet with perforated vertical flutes
    ▪ Primed with manufacturer’s standard baked-on, rust-inhibitive primer.
    ▪ Nominal height: 1-1/2 inches, unless otherwise noted.
    ▪ Insulation per Steel Deck Institute (SDI) and manufacturer standards.
  
  o Roof Deck:
    ▪ Non-composite type, fluted steel sheet
    ▪ Primed with manufacturer’s standard baked-on, rust-inhibitive primer.
    ▪ Nominal height: 1-1/2 inches, unless otherwise noted.

• Part 3 Execution
  o Per Consultant and / or manufacturer specification.
  o Erect metal deck in accordance with SDI Manual.
  o Remove and replace work that does not comply with specified requirements.

End of Section