

# 05 31 00 – Steel Decking

## DIVISION 5 - Metals



### STATEMENT OF PURPOSE & BACKGROUND

- Scope:
  - Selection and installation of steel floor and roof decking.
- Statement of goals:
  - Provide consistent, high quality products complying with all industry standards.
- Revision history of section:
  - 06/22/18 (date of adoption)

### OUTLINE SPECIFICATION

- Part 1 General
  - Steel floor and roof decking and accessories as noted on drawings.
- Part 2 Products
  - 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.
  - 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.
  - 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.
  - 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
  - Per Consultant and / or manufacturer specification.
  - Erect metal deck in accordance with SDI Manual.
  - Remove and replace work that does not comply with specified requirements.

End of Section