

SECTION 15616PREFABRICATED CHIMNEYPART 1 - GENERAL1.1 DESCRIPTION

- A. Work Included: Furnish and install, where shown on the Drawings, insulated prefabricated chimneys for gas fired heating equipment.
- B. Related Work Specified Elsewhere: "Heating and Ventilating - General" is specified in this Division.

1.2 QUALITY ASSURANCE

- A. Provide and install chimneys that are UL listed for liquid propane forced draft application, 1000°F. flue gas.
- B. Acceptable Manufacturers:
 - 1. Metabestos Model PS.
 - 2. Or approved equal.

PART 2 - PRODUCTS2.1 MATERIALS

- A. Provide and install complete chimney systems including inlet tee, riser section, roof penetration assembly, flashing collar, velocity cone, and other components as shown or required.
- B. Chimney:
 - 1. Stainless steel (type 304) inner and outer casing:
 - a. 6 inches to 8 inches: .012 inch thick.
 - b. 10 inches to 14 inches: .016 inch thick.
 - c. 10 inches to 24 inches inner pipe: .035 inch thick.
 - d. 10 inches to 24 inches outer pipe: .025 inch thick.
 - e. Couples: .016 inch thick.
 - 2. Insulation: 1 inch thick, 23#/Cu. Ft. density.
 - 3. Guy Wires: 304 or 316 stranded cable, 3/16" minimum thickness.
 - 4. Guying Accessories: All 304 or 316 stainless steel.

PART 3 - EXECUTION3.1 INSTALLATION

- A. Install the chimneys in strict accordance with the manufacturer's installation instructions and recommendations, as directed by the Engineer and as shown on the Drawings.
- B. Install the chimney prior to the installation of the roofing system.
- C. Extend the chimney a minimum of 8 feet above the roof deck or as shown on the Drawings.

END OF SECTION