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Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect or Engineer to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all “Specifier Notes” after editing this section.

Section numbers and titles are from *MasterFormat 1995 Edition*, with numbers and titles from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

SECTION 15083 (22 07 19)

PIPING INSULATION SADDLES

Specifier Notes: This section covers Buckaroos, Inc. “Buckaroos Roundup” piping insulation saddles at hanger locations for insulated piping operating to 500 degrees F. Consult Buckaroos, Inc. for assistance in editing this section for the specific application.

The section number in parentheses (22 07 19) is the *MasterFormat 2004 Edition* number for Plumbing Piping Insulation. Use *MasterFormat 2004 Edition* number (23 07 19) for HVAC Piping Insulation.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Piping insulation saddles at hanger locations for insulated piping operating to 500 degrees F.

1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 15060 (22 05 29) – Hangers and Supports (Hangers and Supports for Plumbing Piping and Equipment).
- B. Section 15060 (23 05 29) – Hangers and Supports (Hangers and Supports for HVAC Piping and Equipment).

1.3 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer’s product data, including installation instructions.

Specifier Notes: Delete submittal of samples if not required.

- C. Samples: Submit manufacturer’s samples of piping insulation saddles.
- D. Manufacturer’s Certification: Submit manufacturer’s certification that materials comply with specified requirements and are suitable for intended application.
- E. Warranty: Submit manufacturer’s standard warranty.

1.4 QUALITY ASSURANCE

- A. Manufacturer’s Qualifications: Manufacturer regularly engaged, for preceding 5 years, in manufacture of piping insulation saddles of similar type to that specified.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer’s instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Buckaroos, Inc., 9635 Park Davis Drive, Indianapolis, Indiana 46235. Toll Free (800) 969-3113. Phone (317) 899-9100. Fax (317) 899-0775. Website www.buckaroos.com. E-mail-info@buckaroos.com

2.2 PIPING INSULATION SADDLES

- A. Piping Insulation Saddles: “Buckaroos Roundup” saddles.

Specifier Notes: Specify saddle material, gauge, and length. Consult Buckaroos, Inc. for availability of specific material, gauge, length, and outside diameter combinations.

Buckaroos, Inc. also manufactures saddles to comply with Manufacturers Standardization Society SP-69 (Type 40). Consult Buckaroos, Inc. for more information.

1. Material: [Galvanized steel, G-90] [Stainless steel].
2. Gauge: [22] [20] [18] [16].
3. Length: [8 inches] [12 inches] [15 inches] [18 inches] [24 inches].
4. Outside Diameter: Based on nominal pipe size and insulation thickness.
5. Arc: 180 degrees.
6. Flared edges and corners.
7. Center partial rib on bottom of saddle to properly secure saddle inside clevis hanger or strut system and to prevent saddle from sliding.
8. Service Temperature: Minus 120 degrees F to plus 500 degrees F.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine piping to receive piping insulation saddles.
- B. Notify Architect of conditions that would adversely affect installation.
- C. Do not begin installation until unacceptable conditions are corrected.

3.2 INSTALLATION

- A. Install piping insulation saddles in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Center insulated piping saddle inside clevis hanger.

3.3 PROTECTION

- A. Protect installed piping insulation saddles from damage during construction.

END OF SECTION