



PROCESS  
INDUSTRY  
PRACTICES

REAFFIRMATION  
*June 2021*

***Insulation***

**PIP INIH1000  
Hot Insulation Installation Details**

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## PURPOSE AND USE OF PROCESS INDUSTRY PRACTICES

In an effort to minimize the cost of process industry facilities, this Practice has been prepared from the technical requirements in the existing standards of major industrial users, contractors, or standards organizations. By harmonizing these technical requirements into a single set of Practices, administrative, application, and engineering costs to both the purchaser and the manufacturer should be reduced. While this Practice is expected to incorporate the majority of requirements of most users, individual applications may involve requirements that will be appended to and take precedence over this Practice. Determinations concerning fitness for purpose and particular matters or application of the Practice to particular project or engineering situations should not be made solely on information contained in these materials. The use of trade names from time to time should not be viewed as an expression of preference but rather recognized as normal usage in the trade. Other brands having the same specifications are equally correct and may be substituted for those named. All Practices or guidelines are intended to be consistent with applicable laws and regulations including OSHA requirements. To the extent these Practices or guidelines should conflict with OSHA or other applicable laws or regulations, such laws or regulations must be followed. Consult an appropriate professional before applying or acting on any material contained in or suggested by the Practice.

This Practice is subject to revision at any time.

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### **PRINTING HISTORY**

October 1997	Issued	September 2005	Technical Revision	September 2012	Reaffirmation with Editorial Revision
February 2002	Editorial Revision	October 2007	Editorial Revision	June 2021	Reaffirmation

Not printed with State funds



## PIP INIH1000 Hot Insulation Installation Details

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INIH0004	Piping - Vertical Insulation Support Multi-Layer	INIH0055	Top/Horizontal Head Nozzles
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		INIH1150	Termination Collar and Vessel Head Detail for Aerogel Insulation

## 1. Scope

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This Practice provides installation details for hot insulation systems. This Practice provides details for installing hot insulation systems on piping, valves, horizontal and vertical vessels, and heat exchangers.

## 2. References

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Applicable parts of the following industry codes and standards shall be considered an integral part of this Practice. The edition in effect on the date of contract award shall be used, except as otherwise noted. Short titles will be used herein where appropriate.

### Industry Codes and Standards

- American Society for Testing and Materials (ASTM)  
*ASTM C-450 – Standard Practice for Prefabrication and Field Fabrication of Thermal Insulating Fitting Covers for NPS Piping, Vessel Lagging, and Dished Head Segments*