



PROCESS
INDUSTRY
PRACTICES

TECHNICAL CORRECTION
August 2021

Piping

**PIP PNFS0001
Pipe Supports 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

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1. Scope

This Practice describes the minimum requirements to fabricate or install supports for large and small bore piping. The details provide dimensional and engineering requirements for the design of pipe supports. However, the suitability of all supports must be verified prior to use in any application. This practice is not a substitute for competent engineering analysis and design based on the specific requirements of each project.

2. References

Applicable parts of the following industry codes and standards, and references 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 are used herein where appropriate.

2.1 Industry Codes and Standards

- Manufacturers Standard Specifications
 - MSS SP-58 – *Pipe Hangers and Supports - Materials, Design, Manufacture, Selection, Application, and Installation*

2.2 Other References

- Anvil Pipe Hangers

3. Index of Drawings

LARGE BORE PIPE SUPPORTS		
DRAWING NUMBER	DETAIL NUMBER	DESCRIPTION
PNFS0010	PD-1	PERSONAL PROTECTION SHIELDING PD-1 (FOR PIPE NPS 2 TO 12)
PNFS0100	DS-1	DIRECTIONAL STOP DS-1 (FOR INSULATED PIPE NPS 3 TO NPS 24)
PNFS0101	DS-2	DIRECTIONAL STOP DS-2 (FOR UNINSULATED PIPE NPS 3 TO NPS 24)
PNFS0200	PG-1	PIPE GUIDE PG-1 (FOR INSULATED PIPE NPS 3 TO NPS 8)
PNFS0201	PG-2	PIPE GUIDE PG-2 (FOR INSULATED PIPE NPS 3 TO NPS 8)
PNFS0205	PG-3	PIPE GUIDE PG-3 (FOR INSULATED PIPE NPS 10 TO NPS 24)
PNFS0206	PG-4	PIPE GUIDE PG-4 (FOR INSULATED PIPE NPS 10 TO NPS 24)
PNFS0210	PG-5	PIPE GUIDE PG-5 (FOR UNINSULATED PIPE NPS 3 AND NPS 24)
PNFS0212	PG-6	PIPE GUIDE PG-6 (FOR UNINSULATED VERTICAL PIPING NPS 3 TO NPS 8)
PNFS0214	PG-8	PIPE GUIDE PG-8 (FOR INSULATED PIPE NPS 3 TO NPS 6)
PNFS0215	PG-9	PIPE GUIDE PG-9 (FOR INSULATED PIPE NPS 8 TO NPS 20)
PNFS0225	PG-19	PIPE GUIDE THROUGH PLATFORM GRATING (FOR INSULATED VERTICAL PIPE WITH UP TO 3" INSULATION)
PNFS0226	PG-20	PIPE GUIDE THROUGH PLATFORM GRATING (FOR INSULATED VERTICAL PIPE WITH UP TO 6" INSULATION)
PNFS0227	PG-21	PIPE GUIDE PG-21
PNFS0250	PGC-1	PIPE GUIDE CLIPS PGC-1 (ATTACHMENTS FOR GUIDES NPS 3 TO NPS 14)
PNFS0251	PGC-2	PIPE GUIDE CLIPS PGC-2 (ATTACHMENTS FOR GUIDES NPS 16 TO NPS 14)
PNFS0252	PSVC-1	VESSEL CLIPS PSVC-1
PNFS0253	PSVC-2	VESSEL CLIPS PSVC-2
PNFS0254	PSVC-3	PIPE SUPPORT VESSEL CLIPS PSVC-3