

MSS SP-90-2000

**GUIDELINES ON TERMINOLOGY
FOR
PIPE HANGERS AND SUPPORTS**

Standard Practice
Developed and Approved by the
Manufacturers Standardization Society of the
Valve and Fittings Industry, Inc.
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This document has been substantively revised from the previous 1991 edition. It is suggested that if the user is interested in knowing what changes have been made, that direct page by page comparison should be made of this document.

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FOREWORD

This standard was developed by a cooperative effort of representatives of the pipe hanger manufacturers. It is based on the best practice current at this time and on the collective experience of the industry. There are three companion standards, MSS SP-58, MSS SP-69, and MSS SP-89 relating to hanger materials, design, manufacture, fabrication, selection and application, installation, and testing. In addition, The MSS Pipe Hanger Committee has developed MSS SP-77 Guidelines For Pipe Supports Contractual Relationships.

Originally Approved 1980

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GUIDELINES ON TERMINOLOGY FOR PIPE HANGERS & SUPPORTS

1. SCOPE

1.1 This Standard Practice lists and defines the principle terms and abbreviations used to describe pipe hangers and supports. Users of this Standard Practice are cautioned to consult the specific manufacturers for inherent limitations in the use of their products. This Standard Practice is comprised of separate sections which contain:

1.2 Abbreviation acronyms for organizations whose documents are applicable to pipe hangers and supports.

1.3 A glossary of terms used in pipe hanger and support design, manufacture, installation and application.

1.4 Abbreviations commonly applicable to pipe hangers and supports.

1.5 Illustrations of commonly used pipe hanger and support components.

2. PRODUCT DOCUMENT SOURCES

2.1 A number of technical societies, trade associations, and government agencies in the United States promulgate codes, standards or specifications which are pertinent to pipe hangers and supports. The organizations most frequently referenced include:

ABS	American Bureau of Shipping
AGA	American Gas Association
AIA	American Institute of Architects
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
ANSI	American National Standards Institute
APFA	American Pipe and Fittings Association
API	American Petroleum Institute
ASM	American Society for Metals
ASME	American Society of Mechanical Engineers
ASNT	American Society for Non-Destructive Testing
ASQC	American Society for Quality Control

ASPE	American Society of Plumbing Engineers
ASTM	American Society for Testing and Materials
AWS	American Welding Society
AWWA	American Water Works Association
BOCA	Building Officials and Code Administrators
CSA	Canadian Standards Association
DOD	Department of Defense
DOT	Department of Transportation
EAMI	Expansion Anchors Manufacturers Institute
EJMA	Expansion Joint Manufacturers Association
FM	Factory Mutual Systems.
GSA	General Services Administration
IBC	International Building Code
ICBO	International Congress of Building Officials
ICC	International Code Council
IFI	Industrial Fasteners Institute
ISO	International Standardization Organization
MCA	Mechanical Contractors Association
MFMA	Metal Framing Channel Manufacturer's Association
MSS	Manufacturers Standardization Society of the Valve & Fittings Industry
NACE	National Association of Corrosion Engineers
NASFC	National Automatic Sprinkler & Fire Control Association, Inc.
NBS	National Bureau of Standards
NFPA	National Fire Protection Association
NRC	Nuclear Regulatory Commission
OSHPD	CA Office of Statewide Health Planning and Development
PFI	Pipe Fabrication. Institute
SAE	Society of Automotive Engineers
SBCCI	Southern Building Code Congress International
SMACNA	Sheet Metal and Air Conditioning Contractors National Association
SMI	Spring Manufacturers Institute
SSPC	Steel Structures Painting Council
UL	Underwriters Laboratories
USCG	United States Coast Guard
USN	United States Navy
VA	Veterans Administration

3. GLOSSARY PREFACE

3.1 This section lists and defines terms commonly used in the design, manufacture, installation and application of pipe hangers and supports. Where more