

## LIST OF ABBREVIATIONS

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Abbreviations conform to the practice of the American Standard  
Abbreviations for Scientific and Engineering Terms, ASA Z10.1

abs	Absolute
AGA	American Gas Association
AISI	American Iron and Steel Institute
Amer Std	American Standard
API	American Petroleum Institute
ASA	American Standards Association
Ashve	American Society of Heating and Ventilation Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing Materials
AWWA	American Water Works Association
B & S	Bell and spigot or Brown & Sharpe (gauge)
bbl	Barrel
Btu	British thermal unit(s)
C	Centigrade
cfm	Cubic feet per minute
cfs	Cubic feet per second
CI	Cast iron
CS	Cast steel
Comp	Companion
C to F	Center to face
°C	Degrees Centigrade
°F	Degrees Fahrenheit
diam	Diameter
dwg	Drawing
ex-hy	Extra-heavy
F & D	Faced and drilled
F	Fahrenheit
F to F	Face to face
flg	Flange or flanges
flgd	Flanged
g	Gage or gauge

hex .....	Hexagonal
hg .....	mercury
IBBM .....	Iron body bronze (or brass) mounted
ID .....	Inside diameter
kw .....	Kilowatt(s)
MI .....	Malleable iron
max .....	Maximum
min .....	Minimum
mtd .....	Mounted
MSS .....	Manufactures Standardization Society (of Value and Fittings Industry)
NEWWA .....	New England Water Works Association
NPS .....	Nominal pipe size (formerly IPS for iron pipe size)
OD .....	Outside diameter
OS&Y .....	Outside screw and yoke
OWG .....	Oil, water, gas (see WOG)
psig .....	Pounds per square inch, gage
red .....	Reducing
sch or sched .....	Schedule
scd .....	Screwed
SF .....	Semifinished
Spec .....	Specification
SSP .....	Steam service pressure
SSU .....	Seconds Saybolt Universal
Std .....	Standard
Trans .....	Transactions
WOG .....	Water, oil, gas (see OWG)
WWP .....	Working water pressure
XS .....	Extra strong
XXS .....	Double extra strong