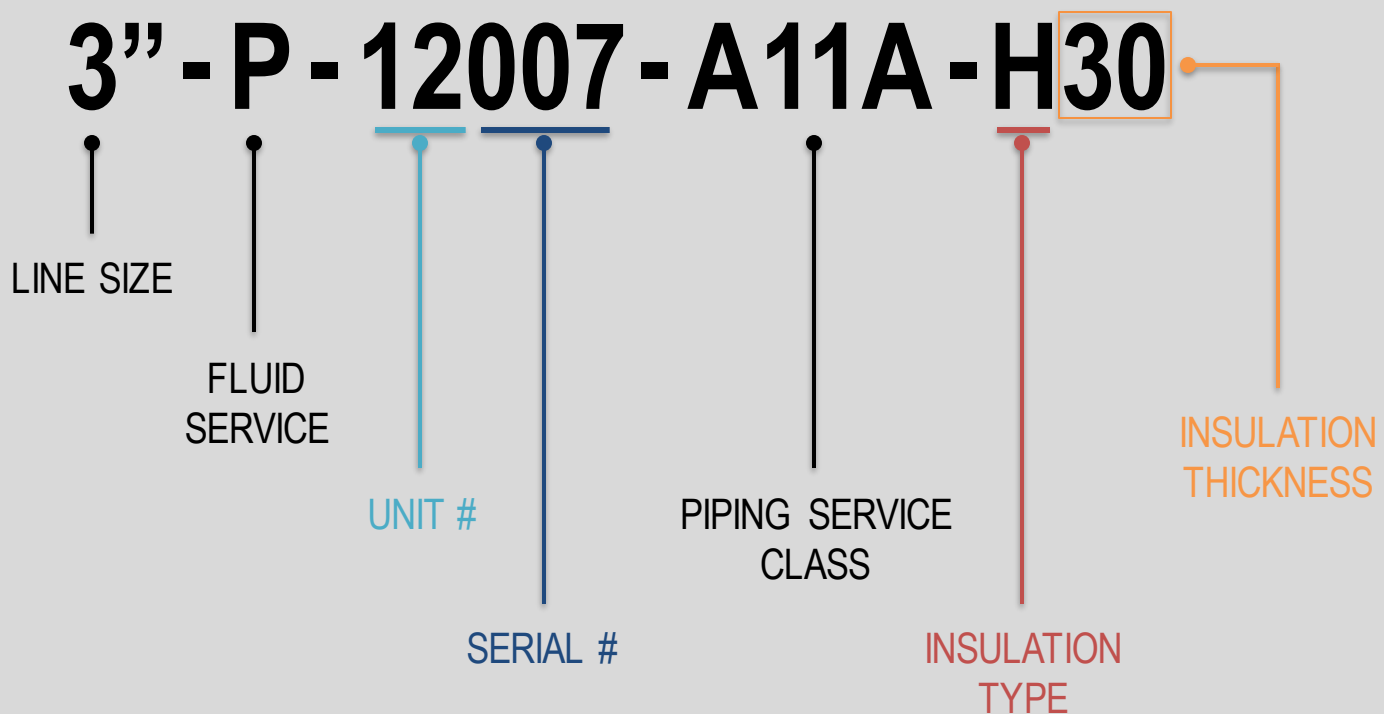


P&ID PIPING DESIGNATION CODES



3" - **P** - 12007 - A11A - H30

↑
FLUID
SERVICE

CODE	FLUID
AEA	AERATION AIR
ASW	AIR SATURATED WATER
BWW	BACKWASH WATER
CEN	CENTRATE
CMA	COMPRESSED AIR
CWS	COOLING WATER SUPPLY
CWR	COOLING WATER RETURN

CODE	FLUID
DGG	DIGESTER GAS
DGS	DIGESTED SLUDGE
DRN	DRAIN
EFF	EFFLUENT
FIL	FILTRATE
FLA	FOUL AIR
GAS	NATURAL GAS

3" - P - 12007 - A11A - H30

FLUID SERVICE

CODE	FLUID
HTW	HOT WATER
INA	INSTRUMENT AIR
MLQ	MIXED LIQUOR
MLR	MIXED LIQUOR RETURN
PER	PERMEATE
PRW	PROCESS WATER
PTW	POTABLE WATER

CODE	FLUID
RAW	RAW WATER
REW	RECYCLED WATER
SEW	RAW SEWAGE
WWW	WASTE WASHWATER

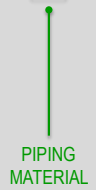
3" - P - 12007 - A11A - H30

FLUID SERVICE

CODE	FLUID
ALM	ALUMINUM SULFATE
CO2	CARBON DIOXIDE
FOL	FUEL OIL
HCL	HYDROCHLORIC ACID
H2	HYDROGEN
N2	NITROGEN
STM	STEAM



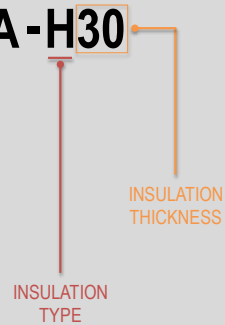
3"-P-12007-A11**A**-H30



CODE	PIPE MATERIAL
A	CAST IRON
B	CARBON STEEL
C	LOW ALLOY
D	INTERMEDIATE ALLOY
E	STAINLESS STEEL
J	NON-METALLIC
U	COPPER PIPING



3"-P-12007-A11A-H30



CODE	TYPE OF INSULATION
N	NO INSULATION
ET	ELECTRICALLY TRACED
ST	STEAM TRACED
C	COLD INSULATION
PP	PERSONNEL PROTECTION
F	FIRE PROOFING
W	HOT INSULATION

