

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1		
COHBT . .	CHANGE ORDER ~ HOURS BASED TASK ~ (GEN ~)	0.00%
DEC4P . .	DEMO ~ CONCRETE ~ 4" SLAB PATCH	0.00%
DEC4R . .	DEMO ~ CONCRETE ~ 4" SLAB REMOVAL	0.00%
DECRP . .	DEMO ~ CONCRETE ~ REBAR PLACEMENT	0.00%
DECSC . .	DEMO ~ CONCRETE ~ SAW CUT	0.00%
DEH . .	DEMO ~ PER HOUR ~ (GEN ~)	0.00%
DOST . .	DOMESTIC ~ STERILIZATION	5.00%
DSCDD . .	DRAINAGE SPECIALTIES ~ CARRIER ~ DRINKING FOUNTAIN ~ DOUBLE	0.00%
DSCDS . .	DRAINAGE SPECIALTIES ~ CARRIER ~ DRINKING FOUNTAIN ~ SINGLE	0.00%
DSCI . .	DRAINAGE SPECIALTIES ~ COTG ~ 2"	0.00%
DSCK . .	DRAINAGE SPECIALTIES ~ COTG ~ 3"	0.00%
DSCLS . .	DRAINAGE SPECIALTIES ~ CARRIER ~ LAV ~ SINGLE	0.00%
DSCM . .	DRAINAGE SPECIALTIES ~ COTG ~ 4"	0.00%
DSCQ . .	DRAINAGE SPECIALTIES ~ COTG ~ 6"	0.00%
DSCUS . .	DRAINAGE SPECIALTIES ~ CARRIER ~ URINAL ~ SINGLE	0.00%
DSCWHD . .	DRAINAGE SPECIALTIES ~ CARRIER ~ WC ~ HORIZONTAL ~ DOUBLE	0.00%
DSCWHS . .	DRAINAGE SPECIALTIES ~ CARRIER ~ WC ~ HORIZONTAL ~ SINGLE	0.00%
DSDI . .	DRAINAGE SPECIALTIES ~ DOWN SPOUT NOZZLE ~ 2"	0.00%
DSDK . .	DRAINAGE SPECIALTIES ~ DOWN SPOUT NOZZLE ~ 3"	0.00%
DSDM . .	DRAINAGE SPECIALTIES ~ DOWN SPOUT NOZZLE ~ 4"	0.00%
DSDO . .	DRAINAGE SPECIALTIES ~ DOWN SPOUT NOZZLE ~ 5"	0.00%
DSDQ . .	DRAINAGE SPECIALTIES ~ DOWN SPOUT NOZZLE ~ 6"	0.00%
SDS . .	DRAINAGE SPECIALTIES ~ DOWN SPOUT NOZZLE ~ 8"	0.00%
DSFB . .	DRAINAGE SPECIALTIES ~ FIXTURE MOUNTING ~ BACKING	0.00%
DSFBF . .	DRAINAGE SPECIALTIES ~ FLOOR BOX ~ 1' CUBE	0.00%
DSFI . .	DRAINAGE SPECIALTIES ~ FCO ~ 2"	0.00%
DSFK . .	DRAINAGE SPECIALTIES ~ FCO ~ 3"	0.00%
DSFM . .	DRAINAGE SPECIALTIES ~ FCO ~ 4"	0.00%
DSFPI . .	DRAINAGE SPECIALTIES ~ FLOOR DRAIN W/PRIMER ~ 2"	0.00%
DSFPK . .	DRAINAGE SPECIALTIES ~ FLOOR DRAIN W/PRIMER ~ 3"	0.00%
DSFPM . .	DRAINAGE SPECIALTIES ~ FLOOR DRAIN W/PRIMER ~ 4"	0.00%
DSFQ . .	DRAINAGE SPECIALTIES ~ FCO ~ 6"	0.00%
DSFSI . .	DRAINAGE SPECIALTIES ~ FLOOR SINK ~ 2"	0.00%
DSFSK . .	DRAINAGE SPECIALTIES ~ FLOOR SINK ~ 3"	0.00%
DSFSM . .	DRAINAGE SPECIALTIES ~ FLOOR SINK ~ 4"	0.00%
DSOI . .	DRAINAGE SPECIALTIES ~ OVERFLOW ROOF DRAIN ~ 2"	0.00%
DSOK . .	DRAINAGE SPECIALTIES ~ OVERFLOW ROOF DRAIN ~ 3"	0.00%
DSOM . .	DRAINAGE SPECIALTIES ~ OVERFLOW ROOF DRAIN ~ 4"	0.00%
DSOQ . .	DRAINAGE SPECIALTIES ~ OVERFLOW ROOF DRAIN ~ 6"	0.00%
DSPRDI . .	DRAINAGE SPECIALTIES ~ PED ROOF DRAIN ~ 2"	0.00%
DSPRDK . .	DRAINAGE SPECIALTIES ~ PED ROOF DRAIN ~ 3"	0.00%
DSPRDM . .	DRAINAGE SPECIALTIES ~ PED ROOF DRAIN ~ 4"	0.00%
DSPRDO . .	DRAINAGE SPECIALTIES ~ PED ROOF DRAIN ~ 5"	0.00%
DSPRDP . .	DRAINAGE SPECIALTIES ~ PED ROOF DRAIN ~ 6"	0.00%
DSRDI . .	DRAINAGE SPECIALTIES ~ ROOF DRAIN ~ 2"	0.00%
DSRDK . .	DRAINAGE SPECIALTIES ~ ROOF DRAIN ~ 3"	0.00%
DSRDM . .	DRAINAGE SPECIALTIES ~ ROOF DRAIN ~ 4"	0.00%
DSRDQ . .	DRAINAGE SPECIALTIES ~ ROOF DRAIN ~ 6"	0.00%
DSSTK . .	DRAINAGE SPECIALTIES ~ STORM CLEAN OUT ~ 3"	0.00%
DSSTM . .	DRAINAGE SPECIALTIES ~ STORM CLEAN OUT ~ 4"	0.00%
DSSTQ . .	DRAINAGE SPECIALTIES ~ STORM CLEAN OUT ~ 6"	0.00%
DSTD . .	DRAINAGE SPECIALTIES ~ TRENCH DRAIN PER/FT	0.00%
4" to 12"		
DSWG015 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 4-15 GPM	0.00%
DSWG020 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 20 GPM	0.00%
DSWG025 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 25 GPM	0.00%
DSWG035 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 35 GPM	0.00%
DSWG150 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 50-150 GPM	0.00%
DSWG200 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 200 GPM	0.00%
DSWG250 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 250 GPM	0.00%
DSWG300 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 300 GPM	0.00%
DSWG400 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 400 GPM	0.00%

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Phase Group: 1 - Continued		
DSWG500 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 500 GPM	0.00%
DSWG900 . .	DRAINAGE SPECIALTIES ~ WST INTRCPTRS ~ GREASE ~ 900 GPM	0.00%
DSWI . . .	DRAINAGE SPECIALTIES ~ WCO ~ 2"	0.00%
DSWK . . .	DRAINAGE SPECIALTIES ~ WCO ~ 3"	0.00%
DSWM . . .	DRAINAGE SPECIALTIES ~ WCO ~ 4"	0.00%
ECC2D . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 1/2"	0.00%
ECC2E . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 3/4"	0.00%
ECC2F . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 1"	0.00%
ECC2G . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 1-1/4"	0.00%
ECC2H . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 1-1/2"	0.00%
ECC2I . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 2"	0.00%
ECC2J . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 2-1/2"	0.00%
ECC2K . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 3"	0.00%
ECC2M . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 2-WAY CNTRL VLVS 4"	0.00%
ECC3D . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 1/2"	0.00%
ECC3E . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 3/4"	0.00%
ECC3F . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 1"	0.00%
ECC3G . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 1-1/4"	0.00%
ECC3H . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 1-1/2"	0.00%
ECC3I . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 2"	0.00%
ECC3J . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 2-1/2"	0.00%
ECC3K . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 3"	0.00%
ECC3M . . .	EQUIPMENT CONN. ~ COIL HOOKUPS ~ 3-WAY CNTRL VLVS 4"	0.00%
ECCAD . . .	EQUIPMENT CONNECTIONS ~ COCKS ~ AIR ~ 0.5"	0.00%
ECCGD . . .	EQUIPMENT CONNECTIONS ~ COCKS ~ GAS ~ 0.5"	0.00%
ECCWD . . .	EQUIPMENT CONNECTIONS ~ COCKS ~ Water ~ 0.5"	0.00%
ECFH . . .	EQUIPMENT CONNECTIONS ~ FUME HOOD	0.00%
ECMPD . . .	EQUIPMENT CONNECTIONS ~ MANIFOLD ~ PEX ~ 0.5"	0.00%
ECMPE . . .	EQUIPMENT CONNECTIONS ~ MANIFOLD ~ PEX ~ 0.75"	0.00%
ECQAD . . .	EQUIPMENT CONNECTIONS ~ QUICK ~ AIR ~ 0.5"	0.00%
ECT2AD . . .	EQUIPMENT CONNECTIONS ~ TURRETS ~ 2X ~ AIR ~ 0.5"	0.00%
ECT2GD . . .	EQUIPMENT CONNECTIONS ~ TURRETS ~ 2X ~ GAS ~ 0.5"	0.00%
EQAC15 . . .	EQUIPMENT ~ AIR HOSE COILS ~ 0.5" x 15' RECOIL MOUNTED	0.00%
EQAC30 . . .	EQUIPMENT ~ AIR COMPRESSOR ~ 1/2HP - 3HP W/30 GALLON STORAGE	0.00%
EQAC60 . . .	EQUIPMENT ~ AIR COMPRESSOR ~ 3HP - 6HP W/60 GALLON STORAGE T	0.00%
EQAC80 . . .	EQUIPMENT ~ AIR COMPRESSOR ~ 6HP-10HP W/80 GALLON STORAGE T	0.00%
EQAR50 . . .	EQUIPMENT ~ AIR HOSE REELS ~ 0.5" X 50' MOUNTED	0.00%
EQASI . . .	EQUIPMENT ~ AIR SEPERATORS ~ 2"	0.00%
EQASJ . . .	EQUIPMENT ~ AIR SEPERATORS ~ 2.5"	0.00%
EQASK . . .	EQUIPMENT ~ AIR SEPERATORS ~ 3"	0.00%
EQASM . . .	EQUIPMENT ~ AIR SEPERATORS ~ 4"	0.00%
EQASO . . .	EQUIPMENT ~ AIR SEPERATORS ~ 5"	0.00%
EQASQ . . .	EQUIPMENT ~ AIR SEPERATORS ~ 6"	0.00%
EQASR . . .	EQUIPMENT ~ AIR SEPERATORS ~ 8"	0.00%
EQASS . . .	EQUIPMENT ~ AIR SEPERATORS ~ 10"	0.00%
EQAST . . .	EQUIPMENT ~ AIR SEPERATORS ~ 12"	0.00%
EQBG0080 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 80 MBH (80,000 BTU)	0.00%
EQBG0100 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 100 MBH (100,000 BTU)	0.00%
EQBG0122 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 122 MBH (122,000 BTU)	0.00%
EQBG0163 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 163 MBH (163,000 BTU)	0.00%
EQBG0203 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 203 MBH (203,000 BTU)	0.00%
EQBG0240 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 240 MBH (240,000 BTU)	0.00%
EQBG0280 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 280 MBH (280,000 BTU)	0.00%
EQBG0320 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 320 MBH (320,000 BTU)	0.00%
EQBG0360 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 360 MBH (360,000 BTU)	0.00%
EQBG0400 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 400 MBH (400,000 BTU)	0.00%
EQBG0440 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 440 MBH (440,000 BTU)	0.00%
EQBG0544 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 544 MBH (544,000 BTU)	0.00%
EQBG0765 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 765 MBH (765,000 BTU)	0.00%
EQBG1088 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 1088 MBH (1,088,000 BTU)	0.00%
EQBG1275 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 1275 MBH (1,275,000 BTU)	0.00%
EQBG1530 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 1530 MBH (1,530,000 BTU)	0.00%

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Phase Group: 1 - Continued		
EQBG2000 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 2000 MBH (2,000,000 BTU)	0.00%
EQBG2312 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 2312 MBH (2,312,000 BTU)	0.00%
EQBG2856 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 2856 MBH (2,856,000 BTU)	0.00%
EQBG3264 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 3264 MBH (3,264,000 BTU)	0.00%
EQBG3808 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 3808 MBH (3,808,000 BTU)	0.00%
EQBG4488 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 4488 MBH (4,488,000 BTU)	0.00%
EQBG4720 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 4720 MBH (4,720,000 BUT)	0.00%
EQBG5520 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 5520 MBH (5,520,000 BTU)	0.00%
EQBG6100 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 6100 MBH (6,100,000 BTU)	0.00%
EQBG6390 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 6390 MBH (6,390,000 BTU)	0.00%
EQBG6680 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 6680 MBH (6,680,000 BTU)	0.00%
EQBG6970 . .	EQUIPMENT ~ BOILERS ~ GAS ~ 6970 MBH (6,970,000 BTU)	0.00%
EQCH0050 . .	EQUIPMENT ~ CHILLER ~ 0-50 TON CHILLER	0.00%
EQCH0100 . .	EQUIPMENT ~ CHILLER ~ 50-100 TON	0.00%
EQCH0150 . .	EQUIPMENT ~ CHILLER ~ 101-150 TON	0.00%
EQCH0200 . .	EQUIPMENT ~ CHILLER ~ 151-200 TON	0.00%
EQCH0250 . .	EQUIPMENT ~ CHILLER ~ 201-250 TON	0.00%
EQCH0355 . .	EQUIPMENT ~ CHILLER ~ 251-355 TON	0.00%
EQCH0420 . .	EQUIPMENT ~ CHILLER ~ 356-420 TON	0.00%
EQCH0665 . .	EQUIPMENT ~ CHILLER ~ 421-665 TON	0.00%
EQCH0750 . .	EQUIPMENT ~ CHILLER ~ 666-750 TON	0.00%
EQCH0850 . .	EQUIPMENT ~ CHILLER ~ 751-850 TON	0.00%
EQCH0955 . .	EQUIPMENT ~ CHILLER ~ 851-955 TON	0.00%
EQCH1125 . .	EQUIPMENT ~ CHILLER ~ 951-1125 TON	0.00%
EQCH1250 . .	EQUIPMENT ~ CHILLER ~ 1126-1250 TON	0.00%
EQCH1465 . .	EQUIPMENT ~ CHILLER ~ 1251-1465 TON	0.00%
EQCH1660 . .	EQUIPMENT ~ CHILLER ~ 1466-1660 TON	0.00%
EQCT0100 . .	EQUIPMENT ~ COOLING TOWER ~ 100 TON	0.00%
EQCT0125 . .	EQUIPMENT ~ COOLING TOWER ~ 125 TON	0.00%
EQCT0200 . .	EQUIPMENT ~ COOLING TOWER ~ 200 TON	0.00%
EQCT0250 . .	EQUIPMENT ~ COOLING TOWER ~ 250 TON	0.00%
EQCT0300 . .	EQUIPMENT ~ COOLING TOWER ~ 300 TON	0.00%
EQCT0350 . .	EQUIPMENT ~ COOLING TOWER ~ 350 TON	0.00%
EQCT0400 . .	EQUIPMENT ~ COOLING TOWER ~ 400 TON	0.00%
EQCT0450 . .	EQUIPMENT ~ COOLING TOWER ~ 450 TON	0.00%
EQCT0500 . .	EQUIPMENT ~ COOLING TOWER ~ 500 TON	0.00%
EQCT0550 . .	EQUIPMENT ~ COOLING TOWER ~ 550 TON	0.00%
EQCT0600 . .	EQUIPMENT ~ COOLING TOWER ~ 600 TON	0.00%
EQCT0650 . .	EQUIPMENT ~ COOLING TOWER ~ 650 TON	0.00%
EQCT0700 . .	EQUIPMENT ~ COOLING TOWER ~ 700 TON	0.00%
EQCT0750 . .	EQUIPMENT ~ COOLING TOWER ~ 750 TON	0.00%
EQCUH1 . .	EQUIPMENT ~ CABINET UNIT HEATER ~ 36" X 48" X 12" HEATING ON	0.00%
EQCVMF2WJ . .	EQUIPMENT ~ CONTROL VALVE ~ MOTORIZED, FLANGED, 2-WAY ~ 2.5"	0.00%
EQCVMF2WK . .	EQUIPMENT ~ CONTROL VALVE ~ MOTORIZED, FLANGED, 2-WAY ~ 3"	0.00%
EQCVMF2WM . .	EQUIPMENT ~ CONTROL VALVE ~ MOTORIZED, FLANGED, 2-WAY ~ 4"	0.00%
EQCVMF3WJ . .	EQUIPMENT ~ CONTROL VALVE ~ MOTORIZED, FLANGED, 3-WAY ~ 2.5"	0.00%
EQCVMF3WK . .	EQUIPMENT ~ CONTROL VALVE ~ MOTORIZED, FLANGED, 3-WAY ~ 3"	0.00%
EQCVMF3WM . .	EQUIPMENT ~ CONTROL VALVE ~ MOTORIZED, FLANGED, 3-WAY ~ 4"	0.00%
EQEE . .	EQUIPMENT ~ ELECTRIC SOLINOID ~ 0.75"	0.00%
EQEF . .	EQUIPMENT ~ ELECTRIC SOLINOID ~ 1"	0.00%
EQET0015 . .	EQUIPMENT ~ EXPANSION TANKS ~ 5-15 GAL	0.00%
EQET0025 . .	EQUIPMENT ~ EXPANSION TANKS ~ 16-24 GAL	0.00%
EQET0030 . .	EQUIPMENT ~ EXPANSION TANKS ~ 25-30 GAL	0.00%
EQET0040 . .	EQUIPMENT ~ EXPANSION TANKS ~ 31-40 GAL	0.00%
EQET0060 . .	EQUIPMENT ~ EXPANSION TANKS ~ 41-60 GAL	0.00%
EQET0075 . .	EQUIPMENT ~ EXPANSION TANKS ~ 61-75 GAL	0.00%
EQET0095 . .	EQUIPMENT ~ EXPANSION TANKS ~ 76-95 GAL	0.00%
EQET0120 . .	EQUIPMENT ~ EXPANSION TANKS ~ 96-120 GAL	0.00%
EQET0300 . .	EQUIPMENT ~ EXPANSION TANKS ~ 121-300 GAL	0.00%
EQET0500 . .	EQUIPMENT ~ EXPANSION TANKS ~ 301-500 GAL	0.00%
EQET0750 . .	EQUIPMENT ~ EXPANSION TANKS ~ 501-750 GAL	0.00%
EQET1000 . .	EQUIPMENT ~ EXPANSION TANKS ~ 751-1000 GAL	0.00%

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Phase Group: 1 - Continued		
EQET1300 . . .	EQUIPMENT ~ EXPANSION TANKS ~ 1001-1300 GAL	0.00%
EQFE . . .	EQUIPMENT ~ FILTER ~ 3/4"	0.00%
EQFF . . .	EQUIPMENT ~ FILTER ~ 1"	0.00%
EQFG . . .	EQUIPMENT ~ FILTER ~ 1-1/4"	0.00%
EQFH . . .	EQUIPMENT ~ FILTER ~ 1-1/2"	0.00%
EQFI . . .	EQUIPMENT ~ FILTER ~ 2"	0.00%
EQFJ . . .	EQUIPMENT ~ FILTER ~ 2-1/2"	0.00%
EQFK . . .	EQUIPMENT ~ FILTER ~ 3"	0.00%
EQFM . . .	EQUIPMENT ~ FILTER ~ 4"	0.00%
EQGF . . .	EQUIPMENT ~ GLYCOL FEEDER	0.00%
EQHLP0150 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ PLATE ~ 50-150 GPM	0.00%
EQHLP0400 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ PLATE ~ 151-400 GPM	0.00%
EQHLP0800 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ PLATE ~ 401-800 GPM	0.00%
EQHLP1200 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ PLATE ~ 801-1200 GPM	0.00%
EQHLP1800 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ PLATE ~ 1201-1800 GP	0.00%
EQHLS007 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 3-7 GPM	0.00%
EQHLS016 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 8-16 GPM	0.00%
EQHLS034 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 17-34 GPM	0.00%
EQHLS055 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 35-55 GPM	0.00%
EQHLS074 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 56-74 GPM	0.00%
EQHLS086 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 75-86 GPM	0.00%
EQHLS112 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 87-112 GPM	0.00%
EQHLS126 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 113-126 GPM	0.00%
EQHLS152 . . .	EQUIPMENT ~ HEAT EXCHANGE ~ LIQD-LIQD ~ SHELL ~ 125-152 GPM	0.00%
EQHSS008 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 1-8 GPM	0.00%
EQHSS010 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 9-10 GPM	0.00%
EQHSS040 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 11-40 GPM	0.00%
EQHSS064 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 41-64 GPM	0.00%
EQHSS096 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 65-96 GPM	0.00%
EQHSS120 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 97-120 GPM	0.00%
EQHSS145 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 121-145 GPM	0.00%
EQHSS168 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 146-168 GPM	0.00%
EQHSS240 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 169-240 GPM	0.00%
EQHSS600 . . .	EQUIPMENT ~ HEAT EXCH ~ STM>WTR ~ SHELL & TUBE ~ 241-600 GPM	0.00%
EQMG . . .	EQUIPMENT ~ MANIFOLD ~ 1.25" MAIN	0.00%
EQMH . . .	EQUIPMENT ~ MANIFOLD ~ 1.5" MAIN	0.00%
EQN0016 . . .	EQUIPMENT ~ NEUTRALIZATION TANKS ~ 1.6 GAL	0.00%
EQN008 . . .	EQUIPMENT ~ NEUTRALIZATION TANKS ~ 8 GAL	0.00%
EQN200 . . .	EQUIPMENT ~ NEUTRALIZATION TANKS ~ 200 GAL	0.00%
EQP2 . . .	EQUIPMENT ~ POT FEEDER ~ 2 GALLON	0.00%
EQP3 . . .	EQUIPMENT ~ POT FEEDER ~ 3 GALLON	0.00%
EQP5 . . .	EQUIPMENT ~ POT FEEDER ~ 5 GALLON	0.00%
EQBPBK . . .	EQUIPMENT ~ PACKAGED BOOSTER PUMP ~ 3" CONNECTION	0.00%
EQPIB0040 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 0040 GPM, 0.5 HP	0.00%
EQPIB0050 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 0050 GPM, 2 HP	0.00%
EQPIB0090 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 0090 GPM, 3 HP	0.00%
EQPIB0150 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 0150 GPM, 3 HP	0.00%
EQPIB0225 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 0225 GPM, 5 HP	0.00%
EQPIB0350 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 0350 GPM, 6.5 HP	0.00%
EQPIB0600 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 0600 GPM, 10 HP	0.00%
EQPIB1000 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 1000 GPM, 15 HP	0.00%
EQPIB1350 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 1350 GPM, 20 HP	0.00%
EQPIB1550 . . .	EQUIPMENT ~ PUMPS ~ INLINE / BASE MNTD ~ 1550 GPM, 25 HP	0.00%
EQPR01 . . .	EQUIPMENT ~ PUMPS ~ RECIRC ~ 0-1HP	0.00%
EQPR02 . . .	EQUIPMENT ~ PUMPS ~ RECIRC ~ 1-2HP	0.00%
EQPR07 . . .	EQUIPMENT ~ PUMPS ~ RECIRC ~ 3-7.5HP	0.00%
EQPR15 . . .	EQUIPMENT ~ PUMPS ~ RECIRC ~ 10-15HP	0.00%
EQPR25 . . .	EQUIPMENT ~ PUMPS ~ RECIRC ~ 15-25 HP	0.00%
EQPSSCB . . .	EQUIPMENT ~ PUMPS ~ SUMP ~ SUBMERSIBLE ~ CI ~ 0.25-1/3HP, 1.	0.00%
EQPSSCD . . .	EQUIPMENT ~ PUMPS ~ SUMP ~ SUBMERSIBLE ~ CI ~ 0.5HP, 1.25 OU	0.00%
EQPSSPB . . .	EQUIPMENT ~ PUMPS ~ SUMP ~ SUBMERSIBLE ~ PLASTIC ~ 0.25HP, 1	0.00%
EQPSSPC . . .	EQUIPMENT ~ PUMPS ~ SUMP ~ SUBMERSIBLE ~ PLASTIC ~ 0.333-1/2	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
EQPSSPD . .	EQUIPMENT ~ PUMPS ~ SUMP ~ SUBMERSIBLE ~ PLASTIC ~ 0.5HP, 1.	0.00%
EQPSSPH . .	EQUIPMENT ~ PUMPS ~ SUMP ~ SUBMERSIBLE ~ PLASTIC ~ 1-1.5 HP,	0.00%
EQR041 . .	EQUIPMENT ~ REMOTE WATER COOLER ~ 1-4.1 GPH	0.00%
EQR057 . .	EQUIPMENT ~ REMOTE WATER COOLER ~ 4.2-5.7 GPH	0.00%
EQR080 . .	EQUIPMENT ~ REMOTE WATER COOLER ~ 5.8-8.0 GPH	0.00%
EQR100 . .	EQUIPMENT ~ REMOTE WATER COOLER ~ 8.1-10.0 GPH	0.00%
EQR134 . .	EQUIPMENT ~ REMOTE WATER COOLER ~ 10-13.4 GPH	0.00%
EQR290 . .	EQUIPMENT ~ REMOTE WATER COOLER ~ 13.5-29+ GPH	0.00%
EQRFTD . .	EQUIPMENT ~ RADIATOR ~ FIN TUBE ~ 1/2"	0.00%
EQRFTE . .	EQUIPMENT ~ RADIATOR ~ FIN TUBE ~ 3/4"	0.00%
EQRFTG . .	EQUIPMENT ~ RADIATOR ~ FIN TUBE ~ 1-1/4"	0.00%
EQRGD . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 0.5"	0.00%
EQRGE . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 0.75"	0.00%
EQRGF . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 1"	0.00%
EQRGG . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 1.25"	0.00%
EQRGH . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 1.5"	0.00%
EQRGI . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 2"	0.00%
EQRGJ . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 2.5"	0.00%
EQRGK . .	EQUIPMENT ~ REGULATOR ~ GAS ~ 3"	0.00%
EQSCP3X7 . .	EQUIPMENT ~ SOLAR COLLECTOR PANELS ~ 3' X 7'	0.00%
EQSCP4X10 . .	EQUIPMENT ~ SOLAR COLLECTOR PANELS ~ 4' X 10'	0.00%
EQSCP4X8 . .	EQUIPMENT ~ SOLAR COLLECTOR PANELS ~ 4' X 8'	0.00%
EQSEK . .	EQUIPMENT ~ SWITCH ~ EMERGENCY KILL	0.00%
EQSS . .	EQUIPMENT ~ SNOW SENSOR	0.00%
EQST0080 . .	EQUIPMENT ~ STORAGE TANK ~ 40-80 GAL	0.00%
EQST0140 . .	EQUIPMENT ~ STORAGE TANK ~ 81-140 GAL	0.00%
EQST0225 . .	EQUIPMENT ~ STORAGE TANK ~ 141-225 GAL	0.00%
EQST0325 . .	EQUIPMENT ~ STORAGE TANK ~ 226-325 GAL	0.00%
EQST0460 . .	EQUIPMENT ~ STORAGE TANK ~ 326-460 GAL	0.00%
EQST0605 . .	EQUIPMENT ~ STORAGE TANK ~ 461-605 GAL	0.00%
EQST0740 . .	EQUIPMENT ~ STORAGE TANK ~ 606-740 GAL	0.00%
EQST0940 . .	EQUIPMENT ~ STORAGE TANK ~ 741-940 GAL	0.00%
EQST1330 . .	EQUIPMENT ~ STORAGE TANK ~ 941-1330 GAL	0.00%
EQST1615 . .	EQUIPMENT ~ STORAGE TANK ~ 1331-1615 GAL	0.00%
EQST2285 . .	EQUIPMENT ~ STORAGE TANK ~ 1616-2285 GAL	0.00%
EQST3440 . .	EQUIPMENT ~ STORAGE TANK ~ 2286-3440 GAL	0.00%
EQTHLE . .	EQUIPMENT ~ TITLES/HEADINGS/LABELS/ETC.	0.00%
EQVCK . .	EQUIPMENT ~ VENTING ~ CONCENTRIC ~ 3"	0.00%
EQVCM . .	EQUIPMENT ~ VENTING ~ CONCENTRIC ~ 4"	0.00%
EQVI . .	EQUIPMENT ~ VENTURI VALVES ~ 2"	0.00%
EQVK . .	EQUIPMENT ~ VENTURI VALVES ~ 3"	0.00%
EQVM . .	EQUIPMENT ~ VENTURI VALVES ~ 4"	0.00%
EQVO . .	EQUIPMENT ~ VENTURI VALVES ~ 5"	0.00%
EQVQ . .	EQUIPMENT ~ VENTURI VALVES ~ 6"	0.00%
EQVR . .	EQUIPMENT ~ VENTURI VALVES ~ 8"	0.00%
EQW014 . .	EQUIPMENT ~ WATER SOFTNER ~ 40,000 GRAINS, 14 GPM	0.00%
EQW017 . .	EQUIPMENT ~ WATER SOFTNER ~ 50,000 GRAINS, 17 GPM	0.00%
EQW025 . .	EQUIPMENT ~ WATER SOFTNER ~ 90,000 GRAINS, 25 GPM	0.00%
EQW037 . .	EQUIPMENT ~ WATER SOFTNER ~ 150,000 GRAINS, 37 GPM	0.00%
EQW059 . .	EQUIPMENT ~ WATER SOFTNER ~ 225,000 GRAINS, 59 GPM	0.00%
EQW081 . .	EQUIPMENT ~ WATER SOFTNER ~ 300,000 GRAINS, 81 GPM	0.00%
EQW160 . .	EQUIPMENT ~ WATER SOFTNER ~ 750,000 GRAINS, 160 GPM	0.00%
EQW185 . .	EQUIPMENT ~ WATER SOFTNER ~ 900,000 GRAINS, 185GPM	0.00%
EQWE020 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 5-20 GALLON	0.00%
EQWE050 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 20-50 GALLON	0.00%
EQWE100 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 50-100 GALLON	0.00%
EQWE150 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 100-150 GALLON	0.00%
EQWE200 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 150-200 GALLON	0.00%
EQWE300 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 200-300 GALLON	0.00%
EQWE400 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 300-400 GALLON	0.00%
EQWE500 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 400-500 GALLON	0.00%
EQWE700 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 500-700 GALLON	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
EQWE800 . .	EQUIPMENT ~ WATER HEATERS ~ ELECTRIC ~ 700-800 GALLON	0.00%
EQWG020 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 5-20 GALLON	0.00%
EQWG050 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 20-50 GALLON	0.00%
EQWG100 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 50-100 GALLON	0.00%
EQWG150 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 100-150 GALLON	0.00%
EQWG245 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 170-245 GALLON	0.00%
EQWG360 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 250-360 GALLON	0.00%
EQWG480 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 361-480 GALLON	0.00%
EQWG690 . .	EQUIPMENT ~ WATER HEATERS ~ GAS ~ 481-690 GALLON	0.00%
EXBH1ML1 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 1'DEEP	0.00%
EXBH1ML2 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 2'DEEP	0.00%
EXBH1ML3 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 3'DEEP	0.00%
EXBH1ML4 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 4'DEEP	0.00%
EXBH1ML5 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 5'DEEP	0.00%
EXBH1ML6 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 6'DEEP	0.00%
EXBH1ML7 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 7'DEEP	0.00%
EXBH1ML8 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(-) LIGHT SOIL ~ 8'DEEP	0.00%
EXBH1PR1 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 1' DEEP	0.00%
EXBH1PR2 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 2' DEEP	0.00%
EXBH1PR3 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 3' DEEP	0.00%
EXBH1PR4 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 4' DEEP	0.00%
EXBH1PR5 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 5' DEEP	0.00%
EXBH1PR6 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 6' DEEP	0.00%
EXBH1PR7 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 7' DEEP	0.00%
EXBH1PR8 . .	EXCAV ~ BACKFILL & CMPCT ~ HAND ~ 1"(+) ROCKY SOIL ~ 8' DEEP	0.00%
EXBM1ML1 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~1'DEEP	0.00%
EXBM1ML2 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~2'DEEP	0.00%
EXBM1ML3 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~3'DEEP	0.00%
EXBM1ML4 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~4'DEEP	0.00%
EXBM1ML5 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~5'DEEP	0.00%
EXBM1ML6 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~6'DEEP	0.00%
EXBM1ML7 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~7'DEEP	0.00%
EXBM1ML8 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(-) LIGHT SOIL~8'DEEP	0.00%
EXBM1PR1 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~1'DEEP	0.00%
EXBM1PR2 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~2'DEEP	0.00%
EXBM1PR3 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~3'DEEP	0.00%
EXBM1PR4 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~4'DEEP	0.00%
EXBM1PR5 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~5'DEEP	0.00%
EXBM1PR6 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~6'DEEP	0.00%
EXBM1PR7 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~7'DEEP	0.00%
EXBM1PR8 . .	EXCAV ~ BACKFILL & CMPCT ~ MACHINE ~ 1"(+) ROCKY SOIL~8'DEEP	0.00%
EXDH1ML1 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 1' DEEP	0.00%
EXDH1ML2 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 2' DEEP	0.00%
EXDH1ML3 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 3' DEEP	0.00%
EXDH1ML4 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 4' DEEP	0.00%
EXDH1ML5 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 5' DEEP	0.00%
EXDH1ML6 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 6' DEEP	0.00%
EXDH1ML7 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 7' DEEP	0.00%
EXDH1ML8 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(-) LIGHT SOIL ~ 8' DEEP	0.00%
EXDH1PR1 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 1' DEEP	0.00%
EXDH1PR2 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 2' DEEP	0.00%
EXDH1PR3 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 3' DEEP	0.00%
EXDH1PR4 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 4' DEEP	0.00%
EXDH1PR5 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 5' DEEP	0.00%
EXDH1PR6 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 6' DEEP	0.00%
EXDH1PR7 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 7' DEEP	0.00%
EXDH1PR8 . .	EXCAV ~ DIG ~ BY HAND ~ 1"(+) ROCKY SOIL ~ 8' DEEP	0.00%
EXDM1ML1 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 1' DEEP	0.00%
EXDM1ML2 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 2' DEEP	0.00%
EXDM1ML3 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 3' DEEP	0.00%
EXDM1ML4 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 4' DEEP	0.00%
EXDM1ML5 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 5' DEEP	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
EXDM1ML6 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 6' DEEP	0.00%
EXDM1ML7 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 7' DEEP	0.00%
EXDM1ML8 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(-) LIGHT SOIL ~ 8' DEEP	0.00%
EXDM1PR1 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 1' DEEP	0.00%
EXDM1PR2 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 2' DEEP	0.00%
EXDM1PR3 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 3' DEEP	0.00%
EXDM1PR4 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 4' DEEP	0.00%
EXDM1PR5 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 5' DEEP	0.00%
EXDM1PR6 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 6' DEEP	0.00%
EXDM1PR7 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 7' DEEP	0.00%
EXDM1PR8 . .	EXCAV ~ DIG ~ BY MACHINE ~ 1"(+) ROCKY SOIL ~ 8' DEEP	0.00%
EXGB . . .	EXCAV ~ GRAVEL BUDGET	0.00%
FDK . . .	FLOOR DRAIN FLUSHING ~ 3"	0.00%
FDM . . .	FLOOR DRAIN FLUSHING ~ 4"	0.00%
FI3B . . .	FITTINGS ~ 3034 ~ BUDGET	0.00%
FIAD12 . . .	FXT ~ ACCESS DOOR ~ 12" x 12"	0.00%
FIAD18 . . .	FXT ~ ACCESS DOOR ~ 18" x 18"	0.00%
FIADB . . .	FITTINGS ~ ABS ~ DWV ~ BUDGET	0.00%
FIBGB . . .	FITTINGS ~ BLACK IRON ~ GROOVED ~ BUDGET	0.00%
FIBTB . . .	FITTINGS ~ BLACK IRON ~ THREADED ~ BUDGET	0.00%
FIBWB . . .	FITTINGS ~ BLACK IRON ~ WELDED ~ BUDGET	0.00%
FICB . . .	FITTINGS ~ CPVC ~ BUDGET	0.00%
FICBB . . .	FITTINGS ~ CAST IRON NO HUB ~ BANDED ~ BUDGET	0.00%
FICDB . . .	FITTINGS ~ CPVC ~ DWV ~ BUDGET	0.00%
FICGB . . .	FITTINGS ~ COPPER ~ GROOVED ~ BUDGET	0.00%
FICPB . . .	FITTINGS ~ COPPER ~ PRESS ~ BUDGET	0.00%
FICSB . . .	FITTINGS ~ COPPER ~ SWEAT ~ BUDGET	0.00%
FIDRBL . . .	FXT ~ DRINKING FOUNTAIN ~ RECESSED ~ BI LVL	0.00%
FIDRBLWRC . .	FXT ~ DRINKING FOUNTAIN ~ RECESSED ~ BI LVL ~ W/REMOTE CHILL	0.00%
FIDRS . . .	FXT ~ DRINKING FOUNTAIN ~ RECESSED ~ SINGLE	0.00%
FIDRSC . . .	FXT ~ DRINKING FOUNTAIN ~ RECESSED ~ SINGLE W/ CUSPIDOR	0.00%
FIDRSWRC . .	FXT ~ DRINKING FOUNTAIN ~ RECESSED ~ SINGLE ~ W/REMOTE CHILL	0.00%
FIDWBL . . .	FXT ~ DRINKING FOUNTAIN ~ WALL HUNG ~ BI LEVEL	0.00%
FIDWBLWBF . .	FXT ~ DRINKING FOUNTAIN ~ WALL HUNG ~ BI LVL W/BOT FILL	0.00%
FIDWS . . .	FXT ~ DRINKING FOUNTAIN ~ WALL HUNG ~ SINGLE	0.00%
FIEEFC . . .	FXT ~ EMERGENCY ~ EYE / FACEWASH COUNTER	0.00%
FIEEFW . . .	FXT ~ EMERGENCY ~ EYE / FACEWASH WALL	0.00%
FIESD . . .	FXT ~ EMERGENCY ~ SHOWER DRENCH ONLY	0.00%
FIESE . . .	FXT ~ EMERGENCY ~ SHOWER & EYE/FACEWASH	0.00%
FIESEC . . .	FXT ~ EMERGENCY ~ SHOWER & EYE/FACEWASH COLUMN	0.00%
FIFPF . . .	WATER SPECIALTIES ~ FAUCET ONLY ~ POT FILLER	0.00%
FIGBS24 . . .	FXT ~ GRAB BAR ~ STRAIGHT ~ 24"	0.00%
FIGTB . . .	FITTINGS ~ GALVINIZED ~ THREADED ~ BUDGET	0.00%
FIHB . . .	FITTINGS ~ HDPE ~ BUDGET	0.00%
FIIB . . .	FITTINGS ~ INSULATION ~ BUDGET	0.00%
FILDF . . .	FXT ~ LAVS ~ DROP IN W/ FAUCET	0.00%
FILWF . . .	FXT ~ LAVS ~ WALL HUNG W/ FAUCET	0.00%
FIMBDM . . .	FXT ~ MISC ~ BUBBLER ~ DECK MOUNTED	0.00%
FIMCHCFW . .	FXT ~ MISC ~ COMMERCIAL HOT/COLD FOOD WELL	0.00%
FIMD . . .	FXT ~ MISC ~ DISHWASHER	0.00%
FIMDC . . .	FXT ~ MISC ~ COMMERCIAL DISHWASHER	0.00%
FIMGD1 . . .	FXT ~ MISC ~ GARBAGE DISPOSAL ~ 0-1HP	0.00%
FIMGD3 . . .	FXT ~ MISC ~ GARBAGE DISPOSAL ~ 1-3HP	0.00%
FIMIB . . .	FXT ~ MISC ~ ICE CONNECTION BOX	0.00%
FIMIH . . .	FXT ~ MISC ~ INSTAHOT	0.00%
FIMIMCF . . .	FXT ~ MISC ~ ICE MAKER COMMERCIAL FREE STANDING	0.00%
FIMS24 . . .	FXT ~ MOP SINK ~ 24" X 24"	0.00%
FIMSF . . .	FXT ~ MOP SINK ~ FAUCET	0.00%
FIMSRI . . .	FXT ~ MOP SINK ~ ROUGH IN	0.00%
FIMWB . . .	FXT ~ MISC ~ WASHER BOX	0.00%
FIPB . . .	FITTINGS ~ PEX ~ BUDGET	0.00%
FIPDB . . .	FITTINGS ~ PVC ~ DWV ~ BUDGET	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
FIPS4B . . .	FITTINGS ~ PVC ~ SCHED 40 ~ BUDGET	0.00%
FISAWKA . . .	FXT ~ SHOWER ~ ADA SHOWER WALL KIT ACORN	0.00%
FISC . . .	FXT ~ STOP ~ COMPRESSION	0.00%
FISCD . . .	FXT ~ SINK ~ COUNTER DROP IN/FREE STANDING ~ DBLE BOWL	0.00%
FISCS . . .	FXT ~ SINK ~ COUNTER DROP IN/FREE STANDING ~ SINGLE BOWL	0.00%
FISCSS . . .	FXT ~ SINK ~ COUNTER DROP IN ~ SURGEN SCRUB	0.00%
FISCT . . .	FXT ~ SINK ~ COUNTER DROP IN/FREE STANDING ~ TRIPLE BOWL	0.00%
FISCTL . . .	FXT ~ SECURE ~ COMBOS ~ TOILET+LAV	0.00%
FISCWKA . . .	FXT ~ SHOWER ~ CUSTOM SHOWER WALL KIT ACORN PER HEAD	0.00%
FISLW . . .	FXT ~ SECURE ~ LAVS ~ WALL	0.00%
FISP . . .	FIRE STOPPING ~ PIPE ~ BUDGET	0.00%
FISPBFWVD . . .	FXT ~ SHOWER PAN/BASE ONLY ~ FIBERGLASS/VIKRELL ETC. W/DRN	0.00%
FISPRS . . .	FXT ~ SHOWER ~ PANEL RECESS-MOUNTED SS	0.00%
FISPRSA . . .	FXT ~ SHOWER ~ PANEL RECESS-MOUNTED SS ADA	0.00%
FISSC36 . . .	FXT ~ SECURE ~ SHOWERS ~ CABINET 36" X 36" X 88"	0.00%
FISSF32 . . .	FXT ~ SHOWER ~ STALL ONLY FIBERGLASS 32"X32"	0.00%
FISSF36 . . .	FXT ~ SHOWER ~ STALL ONLY FIBERGLASS 36"X36"	0.00%
FISSF48 . . .	FXT ~ SHOWER ~ STALL ONLY FIBERGLASS 48"X34" ADA	0.00%
FISSF60 . . .	FXT ~ SHOWER ~ STALL ONLY FIBERGLASS 60"X34" ADA	0.00%
FISSFS . . .	FXT ~ SERVICE SINK ~ FREE STANDING	0.00%
FISSP30 . . .	FXT ~ SHOWER ~ STALL ONLY PVC W/STONE FLOOR 30"X30"	0.00%
FISSP32 . . .	FXT ~ SHOWER ~ STALL ONLY PVC W/STONE FLOOR 32"X32"	0.00%
FISSPHCS . . .	FXT ~ SECURE ~ SHOWERS ~ PKG HOT/COLD VLVS W/ SOAP	0.00%
FISSS2419 . . .	FXT ~ SECURE ~ SINKS ~ SERVICE SS 24"X19"	0.00%
FIST . . .	FXT ~ SHOWER ~ TRIM ONLY	0.00%
FISTA . . .	FXT ~ SHOWER ~ TRIM ONLY ~ ADA	0.00%
FISTF . . .	FXT ~ SECURE ~ TOILETS ~ FLOOR	0.00%
FISTW . . .	FXT ~ SECURE ~ TOILETS ~ WALL	0.00%
FISUS . . .	FXT ~ SECURE ~ URINALS ~ STALL	0.00%
FISUW . . .	FXT ~ SECURE ~ URINALS ~ WALL	0.00%
FISW . . .	FXT ~ SERVICE SINK ~ WALL	0.00%
FISWS . . .	FXT ~ SECURE ~ WALL SLEEVES	0.00%
FITD48 . . .	FXT ~ TRAP DOORS ~ 48" x 48"	0.00%
FITFF . . .	FXT ~ TOILETS ~ FLOOR MOUNT W/MANUAL FLUSHOMETER	0.00%
FITFMTT . . .	FXT ~ TOILETS ~ FLOOR MOUNT ~ TANK TYPE	0.00%
FITFVFL . . .	FXT ~ TOILETS ~ FLUSH VALVE ~ MANUAL FLUSHOMETER OLY	0.00%
FITFWWO . . .	FXT ~ TUB ~ STEEL/FIBERGLASS W/WASTE & OVERFLOW ROUGH IN	0.00%
FITST . . .	FXT ~ TUB SHOWER ~ TRIM ONLY	0.00%
FITSTA . . .	FXT ~ TUB SHOWER ~ TRIM ONLY ~ ADA	0.00%
FITSVRI . . .	FXT ~ TUB/SHOWER VALVE ROUGH IN	0.00%
FITWF . . .	FXT ~ TOILETS ~ WALL HUNG W/MANUAL FLUSHOMETER	0.00%
FIUUF . . .	FXT ~ URINAL ~ WALL HUNG W/MANUAL FLUSHOMETER	0.00%
FIWOT . . .	FXT ~ WASTE & OVERFLOW TRIM	0.00%
FIWPS36 . . .	FXT ~ WASH FOUNTAIN ~ PRE CAST TERROZZO ~ SEMI CIRCLE ~ 36"	0.00%
FIWPS54 . . .	FXT ~ WASH FOUNTAIN ~ PRE CAST TERROZZO ~ SEMI CIRCLE ~ 54"	0.00%
FIWSS36 . . .	FXT ~ WASH FOUNTAIN ~ STAINLESS STEEL ~ SEMI CIRCLE ~ 36"	0.00%
FIWSS54 . . .	FXT ~ WASH FOUNTAIN ~ STAINLESS STEEL ~ SEMI CIRCLE ~ 54"	0.00%
FIWSSS424 . . .	FXT ~ WASH FOUNTAIN ~ STAINLESS STEEL ~ STRAIGHT ~ 4x @ 24"	0.00%
FIWTS36 . . .	FXT ~ WASH FOUNTAIN ~ THERMAL PLASTIC ~ SEMI CIRCLE ~ 36"	0.00%
FIWTS54 . . .	FXT ~ WASH FOUNTAIN ~ THERMAL PLASTIC ~ SEMI CIRCLE ~ 54"	0.00%
FSCDI . . .	FIRE STOP ~ CAULKING ~ 0 - 2"	0.00%
FSCJQ . . .	FIRE STOP ~ CAULKING ~ 2.5" - 6"	0.00%
FSCODI . . .	FIRE STOP ~ COLLAR ~ 0 - 2"	0.00%
FSCOJQ . . .	FIRE STOP ~ COLLAR ~ 2.5" - 6"	0.00%
FSCORT . . .	FIRE STOP ~ COLLAR ~ 8" - 12"	0.00%
FSCRT . . .	FIRE STOP ~ CAULKING ~ 8" - 12"	0.00%
FSCUDI . . .	FIRE STOP ~ CUSTOM ~ 0 - 2"	0.00%
	COMBINATION OF FIRE WOOL/ROPE/BACKER ROD/COLLAR/CAULK, TO MAKE YOUR OWN CUSOTM FIRE STOP	
FSCUJQ . . .	FIRE STOP ~ CUSTOM ~ 2.5" - 6"	0.00%
	COMBINATION OF FIRE WOOL/ROPE/BACKER ROD/COLLAR/CAULK, TO MAKE YOUR OWN CUSOTM FIRE STOP	
FSCURT . . .	FIRE STOP ~ CUSTOM ~ 8" - 12"	0.00%
	COMBINATION OF FIRE WOOL/ROPE/BACKER ROD/COLLAR/CAULK, TO MAKE YOUR OWN CUSOTM FIRE STOP	

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
GE200 . . .	GEN ~ FIELD OH ~ MISC ITEMS	0.00%
GE2MWSU . . .	GEN ~ 2% OF UNDERSLAB TO RELOCATING MISSED WALL STUB UPS	0.00%
GE2P . . .	GEN ~ 2% PUNCH LIST ITEMS	0.00%
GE2W . . .	GEN ~ 1% WARRANTY	0.00%
GE8T . . .	GEN ~ 9% TESTING	0.00%
GEB&OTB . . .	GENERAL ~ B&O TAX BUDGET	0.00%
GEBB . . .	GENERAL ~ BOND BUDGET	0.00%
GECB . . .	GENERAL ~ CONTINGENCY ~ BUDGET	0.00%
GECDB . . .	GENERAL ~ CLOSEOUT DOCUMENTS BUDGET	0.00%
GEEB . . .	GENERAL ~ EQUIPMENT BUDGET	0.00%
GEFB . . .	GENERAL ~ FUEL BUDGET	0.00%
GEFOAB . . .	GEN ~ FIELD OH ~ AS-BUILTS	0.00%
GEFOC . . .	GEN ~ FIELD OH ~ COMMISIONING	0.00%
GEFOCOD . . .	GEN ~ FIELD OH ~ CHANGE ORDER DETAILS	0.00%
GEFODL . . .	GEN ~ FIELD OH ~ DIMENSION LAYOUT & FIELD COORDINATION	0.00%
GEFOMRUS . . .	GEN ~ FIELD OH ~ MATERIAL RECEIVING, UNLOADING, STAGING	0.00%
GEFOMTO . . .	GEN ~ FIELD OH ~ MATERIAL TAKEOFFS & ORDERING	0.00%
GEFOOT . . .	GEN ~ FIELD OH ~ OWNER TRAINING	0.00%
GEFOPM . . .	GEN ~ FIELD OH ~ PROJECT MEETINGS	0.00%
GEFOPR . . .	GEN ~ FIELD OH ~ PLAN REVIEW	0.00%
GEFOR . . .	GEN ~ FIELD OH ~ RFI'S	0.00%
GEFOSCO . . .	GEN ~ FIELD OH ~ SITE CLEANUP, ORGANIZATION	0.00%
GEFOSCP . . .	GEN ~ FIELD OH ~ SUPERINTENDENT'S CREW PLANNING	0.00%
GEFOSM . . .	GEN ~ FIELD OH ~ SAFETY MEETINGS	0.00%
GEFOST . . .	GEN ~ FIELD OH ~ SUPERINTENDENT'S ~ TASKS	0.00%
<i>RVEW/APPRV TIME CRDS/TOOLS</i>		
GEFSHB . . .	GENERAL ~ FREIGHT/SHIPPING/HANDLING ~ BUDGET	0.00%
GEGTB . . .	GENERAL ~ GARBAGE/TRASH ~ BUDGET	0.00%
GEIB . . .	GENERAL ~ INDENTIFICATION ~ BUDGET	0.00%
GEIMB . . .	GENERAL ~ INCIDENTALS & MISC ~ BUDGET	0.00%
GELHA1 . . .	GENERAL ~ LABOR ~ HOURS BASED ~ A1 PLUMBING ONLY (CEPM)	0.00%
GELHI . . .	GENERAL ~ LABOR ~ HOURS BASED ~ INSULATORS (CEPM)	0.00%
GELHL . . .	GENERAL ~ LABOR ~ HOURS BASED ~ LABORERS (CEPM)	0.00%
GELHP . . .	GENERAL ~ LABOR ~ HOURS BASED ~ PLUMBERS (CEPM)	0.00%
GEMB . . .	GENERAL ~ MATERIAL BUDGET	0.00%
GEOMB . . .	GENERAL ~ O&M MANUALS BUDGET	0.00%
GEPB . . .	GENERAL ~ PERMIT BUDGET	0.00%
GEPDB . . .	GENERAL ~ PER-DIEM BUDGET	0.00%
GESB . . .	GENERAL ~ SUBMITTAL BUDGET	0.00%
GESCB . . .	GENERAL ~ SUB-CONTRACTOR ~ BUDGET	0.00%
GESTB . . .	GENERAL ~ SALES TAX BUDGET	0.00%
GETBDLSB . . .	GENERAL ~ TOOLS ~ BROKEN/DAMAGED/LOST/STOLEN ~ BUDGET	0.00%
GETPB . . .	GENERAL ~ TRIM PARTS ~ BUDGET	0.00%
HABKPSB . . .	HANGER ~ BACKING PER STUD BAY	0.00%
HAFB . . .	HANGER/FASTNER ~ BUDGET	0.00%
HAGS . . .	HANGER ~ GROUND STAPLE	0.00%
<i>NO THIRD PARTY RESOURCE AVAILABLE FOR ESTIMATE</i>		
HAH . . .	HANGER ~ HOLDRITE	0.00%
HAHB . . .	HANGER ~ HYCO BAR	0.00%
HAIDI . . .	HANGER ~ ISOLATOR ~ 0.5" - 2"	0.00%
HALC . . .	HANGER ~ LOOP/CLEVIS	0.00%
HAMSS . . .	HANGER ~ MID STORY STRAP	0.00%
HANP . . .	HANGER ~ NAIL PLATE	0.00%
HARCDI . . .	HANGER ~ RISER CLAMP ~ 0.5" - 2"	0.00%
HARCJQ . . .	HANGER ~ RISER CLAMP ~ 2.5" - 6"	0.00%
HARCRT . . .	HANGER ~ RISER CLAMP ~ 8" - 12"	0.00%
HASCDI . . .	HANGER ~ STRUT CLAMP ~ 0.5" - 2"	0.00%
HASCJQ . . .	HANGER ~ STRUT CLAMP ~ 2.5" - 6"	0.00%
HASCRT . . .	HANGER ~ STRUT CLAMP ~ 8" - 12"	0.00%
HAT2A . . .	HANGER ~ TRAPEEZ ~ 2-ANCHOR	0.00%
HAT3A . . .	HANGER ~ TRAPEEZ ~ 3-ANCHOR	0.00%
HAT4A . . .	HANGER ~ TRAPEEZ ~ 4-ANCHOR	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
HATHPSDI . .	HANGER ~ TWO HOLE PIPE STRAP ~ 0.5" - 2"	0.00%
HATHPSJQ . .	HANGER ~ TWO HOLE PIPE STRAP ~ 2.5" - 6"	0.00%
HATHPSRT . .	HANGER ~ TWO HOLE PIPE STRAP ~ 8" - 12"	0.00%
HAWS2A . . .	HANGER ~ WALL ~ STRUT ~ 2-ANCHOR	0.00%
HAWS3A . . .	HANGER ~ WALL ~ STRUT ~ 3-ANCHOR	0.00%
HAWS4A . . .	HANGER ~ WALL ~ STRUT ~ 4-ANCHOR	0.00%
HAZT	HANGER ~ ZIP TIE	0.00%
HRLOW	HR ~ LACK OF WORK ~ DO NOT USE!	0.00%
HRPBA	HR ~ PAID BDAY/ANNIVERSARY/EXTRA PD DAY OFF ~ DO NOT USE!	0.00%
HRPH	HR ~ PAID HOLIDAY ~ DO NOT USE!	0.00%
HRPT	HR ~ PERSONAL TIME ~ DO NOT USE!	0.00%
HRPV	HR ~ PAID VACATION ~ DO NOT USE!	0.00%
HRS	HR ~ SICK ~ DO NOT USE!	0.00%
HVWT	HVAC ~ WATER TREATMENT	0.00%
INEAS	INSULATION ~ EQUIPMENT ~ AIR SEPERATOR	0.00%
INEBO	INSULATION ~ EQUIPMENT ~ BOILER	0.00%
INEPI	INSULATION ~ EQUIPMENT ~ PUMP ~ INLINE	0.00%
INEPM	INSULATION ~ EQUIPMENT ~ PUMP ~ MOUNTED	0.00%
INERDB	INSULATION ~ EQUIPMENT ~ ROOF DRAIN BODY	0.00%
INEWH	INSULATION ~ EQUIPMENT ~ WATER HEATER	0.00%
INIB	INSULATION ~ INSERTS ~ BUDGET	0.00%
INIDI	INSULATION ~ INSERT ~ 0.5" - 2"	0.00%
INIJQ	INSULATION ~ INSERT ~ 2.5" - 6"	0.00%
INIRT	INSULATION ~ INSERT ~ 8" - 12"	0.00%
INJAB	INSULATION ~ JACKETING ~ ALUMINUM ~ BUDGET	0.00%
INPAF910 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #10	0.00%
INPAF911 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #11	0.00%
INPAF912 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #12	0.00%
INPAF913 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #13	0.00%
INPAF914 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #14	0.00%
INPAF915 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #15	0.00%
INPAF916 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #16	0.00%
INPAF917 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #17	0.00%
INPAF918 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #18	0.00%
INPAF919 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #19	0.00%
INPAF920 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #20	0.00%
INPAF921 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #21	0.00%
INPAF922 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #22	0.00%
INPAF923 . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #23	0.00%
INPAF99 . . .	INSULATION ~ ALUMINUM JACKET ~ FITTING ~ 90/45 ~ #9	0.00%
INPAJ04 . . .	INSULATION ~ ALUMINUM JACKETING ~ 4" ID	0.00%
INPAJ045 . .	INSULATION ~ ALUMINUM JACKETING ~ 4.5" ID	0.00%
INPAJ05 . . .	INSULATION ~ ALUMINUM JACKETING ~ 5" ID	0.00%
INPAJ055 . .	INSULATION ~ ALUMINUM JACKETING ~ 5.5" ID	0.00%
INPAJ06 . . .	INSULATION ~ ALUMINUM JACKETING ~ 6" ID	0.00%
INPAJ065 . .	INSULATION ~ ALUMINUM JACKETING ~ 6.5" ID	0.00%
INPAJ07 . . .	INSULATION ~ ALUMINUM JACKETING ~ 7" ID	0.00%
INPAJ075 . .	INSULATION ~ ALUMINUM JACKETING ~ 7.5" ID	0.00%
INPAJ08 . . .	INSULATION ~ ALUMINUM JACKETING ~ 8" ID	0.00%
INPAJ085 . .	INSULATION ~ ALUMINUM JACKETING ~ 8.5" ID	0.00%
INPAJ09 . . .	INSULATION ~ ALUMINUM JACKETING ~ 9" ID	0.00%
INPAJ095 . .	INSULATION ~ ALUMINUM JACKETING ~ 9.5" ID	0.00%
INPAJ10 . . .	INSULATION ~ ALUMINUM JACKETING ~ 10" ID	0.00%
INPAJ105 . .	INSULATION ~ ALUMINUM JACKETING ~ 10.5" ID	0.00%
INPAJ11 . . .	INSULATION ~ ALUMINUM JACKETING ~ 11" ID	0.00%
INPAJ115 . .	INSULATION ~ ALUMINUM JACKETING ~ 11.5" ID	0.00%
INPAJ12 . . .	INSULATION ~ ALUMINUM JACKETING ~ 12" ID	0.00%
INPAJ125 . .	INSULATION ~ ALUMINUM JACKETING ~ 12.5" ID	0.00%
INPFD58 . . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ .5" COPPER	0.00%
INPFDD . . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ .5" IP&.75"COPP	0.00%
INPFDE . . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 0.75" IP&1"COPP	0.00%
INPFDF . . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 1" IP&1-1/4"COP	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
INPFDG . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 1.25" IP&1.5COP	0.00%
INPFDH . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 1.5" IP & COPPER	0.00%
INPFDI . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 2" IP & COPPER	0.00%
INPFDJ . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 2.5" IP & COPP	0.00%
INPFDK . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 3" IP & COPPER	0.00%
INPFDM . .	INS ~ PIPE ~ FIBERGLASS ~ 0.5" WALL ~ 4" IP & COPPER	0.00%
INPFF58 . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 5/8" OD	0.00%
INPFFD . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 0.5" IP & .75"COP	0.00%
INPFFE . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 0.75" IP & 1" COP	0.00%
INPFFF . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 1" IP&1.25"COPPER	0.00%
INPFFG . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 1.25" IP&1.5COPP	0.00%
INPFFH . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 1.5" IP	0.00%
INPFFI . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 2" IP & COPPER	0.00%
INPFFJ . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 2.5" IP & COPPER	0.00%
INPFFK . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 3" IP & COPPER	0.00%
INPFFM . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 4" IP & COPPER	0.00%
INPFFO . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 5" IP & COPPER	0.00%
INPFFQ . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 6" IP & COPPER	0.00%
INPFFR . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 8" IP & COPPER	0.00%
INPFFS . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 10" IP & COPPER	0.00%
INPFFT . .	INS ~ PIPE ~ FIBERGLASS ~ 1" WALL ~ 12" IP & CPR	0.00%
INPFH58 . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 5/8" OD	0.00%
INPFHD . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 0.5" IP & .75" CPR	0.00%
INPFHE . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 0.75" IP & 1" CPR	0.00%
INPFHF . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 1" IP & 1.25" CPR	0.00%
INPFHG . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 1.25" IP & 1.5" CPR	0.00%
INPFHH . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 1.5" IP	0.00%
INPFHI . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 2" IP & CPR	0.00%
INPFHJ . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 2.5" IP & CPR	0.00%
INPFHK . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 3" IP & CPR	0.00%
INPFHL . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 3.5" IP & COPPER	0.00%
INPFHM . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 4" IP & CPR	0.00%
INPFHO . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 5" IP & CPR	0.00%
INPFHQ . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 6" IP & CPR	0.00%
INPFHR . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 8" IP & CPR	0.00%
INPFHS . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 10" IP & CPR	0.00%
INPFHT . .	INS ~ PIPE ~ FIBERGLASS ~ 1.5" WALL ~ 12" IP & CPR	0.00%
INPFI58 . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 5/8" OD	0.00%
INPFID . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 0.5" IP & .75" CPR	0.00%
INPFIE . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 0.75" IP & 1" COP	0.00%
INPFIF . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 1" IP & 1.25" CPR	0.00%
INPFIG . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 1.25" IP & 1.5" CPR	0.00%
INPFIH . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 1.5" IP	0.00%
INPFII . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 2" IP & CPR	0.00%
INPFIJ . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 2.5" IP & CPR	0.00%
INPFIK . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 3" IP & CPR	0.00%
INPFIL . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 3.5" IP & COPPER	0.00%
INPFIM . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 4" IP & CPR	0.00%
INPFIO . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 5" IP & CPR	0.00%
INPFIQ . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 6" IP & CPR	0.00%
INPFIR . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 8" IP & CPR	0.00%
INPFIS . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 10" IP & CPR	0.00%
INPFIT . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 12" IP & CPR	0.00%
INPFIU . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 14" IP & CPR	0.00%
INPFIV . .	INS ~ PIPE ~ FIBERGLASS ~ 2" WALL ~ 16" IP & CPR	0.00%
INPFJF . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 1" IP & 1.25 CPR	0.00%
INPFJG . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 1.25" IP&1.5CPR	0.00%
INPFJH . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 1.5" IP	0.00%
INPFJI . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 2" IP & CPR	0.00%
INPFJJ . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 2.5" IP & CPR	0.00%
INPFJK . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 3" IP & CPR	0.00%
INPFJL . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 3.5" IP & CPR	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
INPFJM . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 4" IP & CPR	0.00%
INPFJO . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 5" IP & CPR	0.00%
INPFJQ . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 6" IP & CPR	0.00%
INPFJR . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 8" IP & CPR	0.00%
INPFJS . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 10" IP & CPR	0.00%
INPFJT . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 12" IP & CPR	0.00%
INPFJU . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 14" IP & CPR	0.00%
INPFJV . . .	INS ~ PIPE ~ FIBERGLASS ~ 2.5" WALL ~ 16" IP & CPR	0.00%
INPFKF . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 1" IP & 1.25 CPR	0.00%
INPFKG . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 1.25" IP&1.5 CPR	0.00%
INPFKH . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 1.5" IP	0.00%
INPFKI . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 2" IP & CPR	0.00%
INPFKJ . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 2.5" IP & CPR	0.00%
INPFKK . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 3" IP & CPR	0.00%
INPFKL . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 3-1/2" IP & CPR	0.00%
INPFKM . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 4" IP & CPR	0.00%
INPFKO . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 5" IP & CPR	0.00%
INPFKQ . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 6" IP & CPR	0.00%
INPFKR . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 8" IP & CPR	0.00%
INPFKS . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 10" IP & CPR	0.00%
INPFKT . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 12" IP & CPR	0.00%
INPFKU . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 14" IP & CPR	0.00%
INPFKV . . .	INS ~ PIPE ~ FIBERGLASS ~ 3" WALL ~ 16" IP & CPR	0.00%
INFPF910 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #10..4-1/8"	0.00%
INFPF911 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #11..4.75"	0.00%
INFPF912 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #12..5.25"	0.00%
INFPF913 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #13..5.75"	0.00%
INFPF914 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #14..6.25"	0.00%
INFPF915 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #15..6.75"	0.00%
INFPF916 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #16..7.25"	0.00%
INFPF917 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #17..7.75"	0.00%
INFPF918 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #18..8.75"	0.00%
INFPF919 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #19..9.75"	0.00%
INFPF92 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #2..1.25"	0.00%
INFPF920 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #20..10-7/8"	0.00%
INFPF922 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #22..10"	0.00%
INFPF924 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #24..12"	0.00%
INFPF926 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #26..14"	0.00%
INFPF928 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #28..16"	0.00%
INFPF93 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #3..1.5"	0.00%
INFPF94 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #4..2.25"	0.00%
INFPF95 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #5..2.75"	0.00%
INFPF96 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #6..2.75"	0.00%
INFPF97 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #7..3"	0.00%
INFPF98 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #8..3-3/8"	0.00%
INFPF99 . . .	INSULATION ~ FITTING ~ PVC ~ 90/45 ~ #9..3.75"	0.00%
INFPFG10 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #10..4-1/8"	0.00%
INFPFG11 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #11..4.75"	0.00%
INFPFG12 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #12..5.25"	0.00%
INFPFG13 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #13..5.75"	0.00%
INFPFG14 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #14..6.25"	0.00%
INFPFG15 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #15..6.75"	0.00%
INFPFG17 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #17..7.75"	0.00%
INFPFG18 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #18..8.75"	0.00%
INFPFG19 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #19..9.75"	0.00%
INFPFG20 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #20..10-7/8"	0.00%
INFPFG22 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #22..10"	0.00%
INFPFG24 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #24..12"	0.00%
INFPFG26 . . .	INSULATION ~ FITTING ~ PVC ~ GROOVED COUPLING ~ #26..14"	0.00%
INFPFT10 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #10..4-1/8"	0.00%
INFPFT11 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #11..4.75"	0.00%
INFPFT12 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #12..5.25"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
INPFPT13 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #13..5.75"	0.00%
INPFPT14 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #14..6.25"	0.00%
INPFPT15 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #15..6.75"	0.00%
INPFPT16 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #16..7.25"	0.00%
INPFPT17 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #17..7.75"	0.00%
INPFPT18 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #18..8.75"	0.00%
INPFPT19 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #19..9.75"	0.00%
INPFPT2 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #2..1.25"	0.00%
INPFPT20 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #20..10.75"	0.00%
INPFPT3 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #3..1.5"	0.00%
INPFPT4 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #4..2.25"	0.00%
INPFPT5 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #5..2.75"	0.00%
INPFPT6 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #6..2.75"	0.00%
INPFPT7 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #7..3"	0.00%
INPFPT8 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #8..3-3/8"	0.00%
INPFPT9 . . .	INSULATION ~ FITTING ~ PVC ~ TEE ~ #9..3.75"	0.00%
INPFS9M . . .	INSULATION ~ FITTING ~ SHLLD EXPNDNG FM ~ 90 ~ 4"	0.00%
INPFS9O . . .	INSULATION ~ FITTING ~ SHLLD EXPNDNG FM ~ 90 ~ 5"	0.00%
INPFS9Q . . .	INSULATION ~ FITTING ~ SHLLD EXPNDNG FM ~ 90 ~ 6"	0.00%
INPFS9R . . .	INSULATION ~ FITTING ~ SHLLD EXPNDNG FM ~ 90 ~ 8"	0.00%
INPFS9S . . .	INSULATION ~ FITTING ~ SHLLD EXPNDNG FM ~ 90 ~ 10"	0.00%
INPRDD . . .	INSULATION ~ PIPE ~ RUBBER-CELL ~ 1/2" WALL ~ 0.50" IP	0.00%
INPRDE . . .	INSULATION ~ PIPE ~ RUBBER-CELL ~ 1/2" WALL ~ 0.75" IP	0.00%
INPRDF . . .	INSULATION ~ PIPE ~ RUBBER-CELL ~ 1/2" WALL ~ 1.00" IP	0.00%
INPRDG . . .	INSULATION ~ PIPE ~ RUBBER-CELL ~ 1/2" WALL ~ 1.25" IP	0.00%
INPRDH . . .	INSULATION ~ PIPE ~ RUBBER-CELL ~ 1/2" WALL ~ 1.50" IP	0.00%
INPRDI . . .	INSULATION ~ PIPE ~ RUBBER-CELL ~ 1/2" WALL ~ 2.00" IP	0.00%
JOA4AH . . .	JOINTS ~ ACID RESISTANT CPVC SCHED 40 ~ 1.5"	0.00%
JOA4AI . . .	JOINTS ~ ACID RESISTANT CPVC SCHED 40 ~ 2"	0.00%
JOA4AK . . .	JOINTS ~ ACID RESISTANT CPVC SCHED 40 ~ 3"	0.00%
JOA4AM . . .	JOINTS ~ ACID RESISTANT CPVC SCHED 40 ~ 4"	0.00%
JOA4AQ . . .	JOINTS ~ ACID RESISTANT CPVC SCHED 40 ~ 6"	0.00%
JOAGG . . .	JOINTS ~ ALUMINUM ~ GROOVED ~ 1-1/4"	0.00%
JOAH . . .	JOINTS ~ ABS ~ 1.5"	0.00%
JOAI . . .	JOINTS ~ ABS ~ 2"	0.00%
JOAK . . .	JOINTS ~ ABS ~ 3"	0.00%
JOAM . . .	JOINTS ~ ABS ~ 4"	0.00%
JOAQ . . .	JOINTS ~ ABS ~ 6"	0.00%
JOC4D . . .	JOINTS ~ CPVC SCHED 40 ~ 0.5"	0.00%
JOC4E . . .	JOINTS ~ CPVC SCHED 40 ~ 0.75"	0.00%
JOC4F . . .	JOINTS ~ CPVC SCHED 40 ~ 1"	0.00%
JOC4G . . .	JOINTS ~ CPVC SCHED 40 ~ 1.25"	0.00%
JOC4H . . .	JOINTS ~ CPVC SCHED 40 ~ 1.5"	0.00%
JOC4I . . .	JOINTS ~ CPVC SCHED 40 ~ 2"	0.00%
JOC4J . . .	JOINTS ~ CPVC SCHED 40 ~ 2.5"	0.00%
JOC4K . . .	JOINTS ~ CPVC SCHED 40 ~ 3"	0.00%
JOC4M . . .	JOINTS ~ CPVC SCHED 40 ~ 4"	0.00%
JOC4Q . . .	JOINTS ~ CPVC SCHED 40 ~ 6"	0.00%
JOCBD . . .	JOINTS ~ COPPER ~ BRAZED ~ 0.5"	0.00%
JOCBE . . .	JOINTS ~ COPPER ~ BRAZED ~ 0.75"	0.00%
JOCBF . . .	JOINTS ~ COPPER ~ BRAZED ~ 1"	0.00%
JOCBG . . .	JOINTS ~ COPPER ~ BRAZED ~ 1.25"	0.00%
JOCBH . . .	JOINTS ~ COPPER ~ BRAZED ~ 1.5"	0.00%
JOCBI . . .	JOINTS ~ COPPER ~ BRAZED ~ 2"	0.00%
JOCBJ . . .	JOINTS ~ COPPER ~ BRAZED ~ 2.5"	0.00%
JOCBK . . .	JOINTS ~ COPPER ~ BRAZED ~ 3"	0.00%
JOCBM . . .	JOINTS ~ COPPER ~ BRAZED ~ 4"	0.00%
JOCBO . . .	JOINTS ~ COPPER ~ BRAZED ~ 5"	0.00%
JOCBQ . . .	JOINTS ~ COPPER ~ BRAZED ~ 6"	0.00%
JOCC58 . . .	JOINTS ~ COPPER ~ C&C ~ 0.625"	0.00%
JOCCB . . .	JOINTS ~ COPPER ~ C&C ~ 0.25"	0.00%
JOCCC . . .	JOINTS ~ COPPER ~ C&C ~ 0.375"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
JOCCD . .	JOINTS ~ COPPER ~ C&C ~ 0.5"	0.00%
JOCCE . .	JOINTS ~ COPPER ~ C&C ~ 0.75"	0.00%
JOCCF . .	JOINTS ~ COPPER ~ C&C ~ 1"	0.00%
JOCCG . .	JOINTS ~ COPPER ~ C&C ~ 1.25"	0.00%
JOCCH . .	JOINTS ~ COPPER ~ C&C ~ 1.5"	0.00%
JOCCI . .	JOINTS ~ COPPER ~ C&C ~ 2"	0.00%
JOCCJ . .	JOINTS ~ COPPER ~ C&C ~ 2.5"	0.00%
JOCCK . .	JOINTS ~ COPPER ~ C&C ~ 3"	0.00%
JOCCM . .	JOINTS ~ COPPER ~ C&C ~ 4"	0.00%
JOCGI . .	JOINTS ~ COPPER ~ GROOVED ~ 2"	0.00%
JOCGJ . .	JOINTS ~ COPPER ~ GROOVED ~ 2.5"	0.00%
JOCGK . .	JOINTS ~ COPPER ~ GROOVED ~ 3"	0.00%
JOCGM . .	JOINTS ~ COPPER ~ GROOVED ~ 4"	0.00%
JOCGO . .	JOINTS ~ COPPER ~ GROOVED ~ 5"	0.00%
JOCGQ . .	JOINTS ~ COPPER ~ GROOVED ~ 6"	0.00%
JOCNH . .	JOINTS ~ CAST IRON ~ NO HUB ~ 01.5"	0.00%
JOCNI . .	JOINTS ~ CAST IRON ~ NO HUB ~ 02"	0.00%
JOCNK . .	JOINTS ~ CAST IRON ~ NO HUB ~ 03"	0.00%
JOCNM . .	JOINTS ~ CAST IRON ~ NO HUB ~ 04"	0.00%
JOCNQ . .	JOINTS ~ CAST IRON ~ NO HUB ~ 06"	0.00%
JOCNR . .	JOINTS ~ CAST IRON ~ NO HUB ~ 08"	0.00%
JOCNS . .	JOINTS ~ CAST IRON ~ NO HUB ~ 10"	0.00%
JOCPD . .	JOINTS ~ COPPER ~ PROGRESS ~ 0.5"	0.00%
JOCPE . .	JOINTS ~ COPPER ~ PROGRESS ~ 0.75"	0.00%
JOCPF . .	JOINTS ~ COPPER ~ PROGRESS ~ 1"	0.00%
JOCPG . .	JOINTS ~ COPPER ~ PROGRESS ~ 1.25"	0.00%
JOCPH . .	JOINTS ~ COPPER ~ PROGRESS ~ 1.5"	0.00%
JOCPI . .	JOINTS ~ COPPER ~ PROGRESS ~ 2"	0.00%
JOCPJ . .	JOINTS ~ COPPER ~ PROGRESS ~ 2.5"	0.00%
JOCPK . .	JOINTS ~ COPPER ~ PROGRESS ~ 3"	0.00%
JOCPM . .	JOINTS ~ COPPER ~ PROGRESS ~ 4"	0.00%
JOCPO . .	JOINTS ~ COPPER ~ PROGRESS ~ 5"	0.00%
JOCPOI . .	JOINTS ~ CAST IRON ~ PUSH ON ~ 02"	0.00%
JOCPOK . .	JOINTS ~ CAST IRON ~ PUSH ON ~ 03"	0.00%
JOCPOM . .	JOINTS ~ CAST IRON ~ PUSH ON ~ 04"	0.00%
JOCPQ . .	JOINTS ~ COPPER ~ PROGRESS ~ 6"	0.00%
JOCSC . .	JOINTS ~ COPPER ~ SOLDER ~ 3/8"	0.00%
JOCSD . .	JOINTS ~ COPPER ~ SOLDER ~ 0.5"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 0.75"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 1"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 1.25"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 1.5"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 2"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 2.5"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 3"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 4"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 5"	0.00%
JOCSE . .	JOINTS ~ COPPER ~ SOLDER ~ 6"	0.00%
JOD4H . .	JOINTS ~ DWV PVC SCHED 40 ~ 1.5"	0.00%
JOD4I . .	JOINTS ~ DWV PVC SCHED 40 ~ 2"	0.00%
JOD4K . .	JOINTS ~ DWV PVC SCHED 40 ~ 3"	0.00%
JOD4M . .	JOINTS ~ DWV PVC SCHED 40 ~ 4"	0.00%
JOD4Q . .	JOINTS ~ DWV PVC SCHED 40 ~ 6"	0.00%
JOD4R . .	JOINTS ~ DWV PVC SCHED 40 ~ 8"	0.00%
JOD4S . .	JOINTS ~ DWV PVC SCHED 40 ~ 10"	0.00%
JOD4T . .	JOINTS ~ DWV PVC SCHED 40 ~ 12"	0.00%
JOGTB . .	JOINTS ~ GALV ~ THREADED ~ 0.25"	0.00%
JOGTC . .	JOINTS ~ GALV ~ THREADED ~ 0.375"	0.00%
JOGTD . .	JOINTS ~ GALV ~ THREADED ~ 0.5"	0.00%
JOGTE . .	JOINTS ~ GALV ~ THREADED ~ 0.75"	0.00%
JOGTF . .	JOINTS ~ GALV ~ THREADED ~ 1"	0.00%
JOGTG . .	JOINTS ~ GALV ~ THREADED ~ 1.25"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
JOGTH . . .	JOINTS ~ GALV ~ THREADED ~ 1.5"	0.00%
JOGTI . . .	JOINTS ~ GALV ~ THREADED ~ 2"	0.00%
JOGTJ . . .	JOINTS ~ GALV ~ THREADED ~ 2.5"	0.00%
JOGTK . . .	JOINTS ~ GALV ~ THREADED ~ 3"	0.00%
JOGTL . . .	JOINTS ~ GALV ~ THREADED ~ 3.5"	0.00%
JOGTM . . .	JOINTS ~ GALV ~ THREADED ~ 4"	0.00%
JOHBWQ . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 06"	0.00%
JOHBWR . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 08"	0.00%
JOHBWS . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 10"	0.00%
JOHBWT . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 12"	0.00%
JOHBWU . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 14"	0.00%
JOHBWV . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 16"	0.00%
JOHBWW . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 18"	0.00%
JOHBWX . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 20"	0.00%
JOHBWY . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 22"	0.00%
JOHBWZ . . .	JOINTS ~ HDPE ~ BUTT WELDING ~ 24"	0.00%
JOHEFD . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 00.5"	0.00%
JOHEFE . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 00.75"	0.00%
JOHEFF . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 01"	0.00%
JOHEFG . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 01.25"	0.00%
JOHEFH . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 01.5"	0.00%
JOHEFI . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 02"	0.00%
JOHEFJ . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 02.5"	0.00%
JOHEFK . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 03"	0.00%
JOHEFL . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 03.5"	0.00%
JOHEFM . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 04"	0.00%
JOHEFQ . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 06"	0.00%
JOHEFR . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 08"	0.00%
JOHEFS . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 10"	0.00%
JOHEFT . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 12"	0.00%
JOHEFU . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 14"	0.00%
JOHEFV . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 16"	0.00%
JOHEFW . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 18"	0.00%
JOHEFX . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 20"	0.00%
JOHEFY . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 22"	0.00%
JOHEFZ . . .	JOINTS ~ HDPE ~ ELECTRO FUSION ~ 24"	0.00%
JOHSFD . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 0.5"	0.00%
JOHSFE . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 0.75"	0.00%
JOHSFF . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 1"	0.00%
JOHSFG . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 1.25"	0.00%
JOHSFH . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 1.5"	0.00%
JOHSFI . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 2"	0.00%
JOHSFJ . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 2.5"	0.00%
JOHSFK . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 3"	0.00%
JOHSFL . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 3.5"	0.00%
JOHSFM . . .	JOINTS ~ HDPE ~ SOCKET FUSION ~ 4"	0.00%
JOIF1D . . .	JOINTS ~ IPS ~ FLANGED ~ 1/2"	0.00%
JOIF1E . . .	JOINTS ~ IPS ~ FLANGED ~ 3/4"	0.00%
JOIF1F . . .	JOINTS ~ IPS ~ FLANGED ~ 1"	0.00%
JOIF1G . . .	JOINTS ~ IPS ~ FLANGED ~ 1-1/4"	0.00%
JOIF1H . . .	JOINTS ~ IPS ~ FLANGED ~ 1-1/2"	0.00%
JOIF1I . . .	JOINTS ~ IPS ~ FLANGED ~ 2"	0.00%
JOIF1J . . .	JOINTS ~ IPS ~ FLANGED ~ 2.5"	0.00%
JOIF1K . . .	JOINTS ~ IPS ~ FLANGED ~ 3"	0.00%
JOIF1M . . .	JOINTS ~ IPS ~ FLANGED ~ 4"	0.00%
JOIF1O . . .	JOINTS ~ IPS ~ FLANGED ~ 5"	0.00%
JOIF1Q . . .	JOINTS ~ IPS ~ FLANGED ~ 6"	0.00%
JOIF1R . . .	JOINTS ~ IPS ~ FLANGED ~ 8"	0.00%
JOIF1S . . .	JOINTS ~ IPS ~ FLANGED ~ 10"	0.00%
JOIGI . . .	JOINTS ~ IPS ~ GROOVED ~ 02"	0.00%
JOIGJ . . .	JOINTS ~ IPS ~ GROOVED ~ 02.5"	0.00%
JOIGK . . .	JOINTS ~ IPS ~ GROOVED ~ 03"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
JOIGM . . .	JOINTS ~ IPS ~ GROOVED ~ 04"	0.00%
JOIGO . . .	JOINTS ~ IPS ~ GROOVED ~ 05"	0.00%
JOIGQ . . .	JOINTS ~ IPS ~ GROOVED ~ 06"	0.00%
JOIGR . . .	JOINTS ~ IPS ~ GROOVED ~ 08"	0.00%
JOIGS . . .	JOINTS ~ IPS ~ GROOVED ~ 10"	0.00%
JOIGT . . .	JOINTS ~ IPS ~ GROOVED ~ 12"	0.00%
JOITB . . .	JOINTS ~ IPS ~ THREADED ~ 0.25"	0.00%
JOITD . . .	JOINTS ~ IPS ~ THREADED ~ 0.5"	0.00%
JOITE . . .	JOINTS ~ IPS ~ THREADED ~ 0.75"	0.00%
JOITF . . .	JOINTS ~ IPS ~ THREADED ~ 1"	0.00%
JOITG . . .	JOINTS ~ IPS ~ THREADED ~ 1.25"	0.00%
JOITH . . .	JOINTS ~ IPS ~ THREADED ~ 1.5"	0.00%
JOITI . . .	JOINTS ~ IPS ~ THREADED ~ 2"	0.00%
JOITJ . . .	JOINTS ~ IPS ~ THREADED ~ 2.5"	0.00%
JOITK . . .	JOINTS ~ IPS ~ THREADED ~ 3"	0.00%
JOITL . . .	JOINTS ~ IPS ~ THREADED ~ 3.5"	0.00%
JOITM . . .	JOINTS ~ IPS ~ THREADED ~ 4"	0.00%
JOIW14 . . .	JOINTS ~ IPS ~ WELDED ~ 14"	0.00%
JOIWF . . .	JOINTS ~ IPS ~ WELDED ~ 1"	0.00%
JOIWG . . .	JOINTS ~ IPS ~ WELDED ~ 1.25"	0.00%
JOIWH . . .	JOINTS ~ IPS ~ WELDED ~ 1.5"	0.00%
JOIWI . . .	JOINTS ~ IPS ~ WELDED ~ 2"	0.00%
JOIWJ . . .	JOINTS ~ IPS ~ WELDED ~ 2.5"	0.00%
JOIWK . . .	JOINTS ~ IPS ~ WELDED ~ 3"	0.00%
JOIWM . . .	JOINTS ~ IPS ~ WELDED ~ 4"	0.00%
JOIWO . . .	JOINTS ~ IPS ~ WELDED ~ 5"	0.00%
JOIWQ . . .	JOINTS ~ IPS ~ WELDED ~ 6"	0.00%
JOIWR . . .	JOINTS ~ IPS ~ WELDED ~ 8"	0.00%
JOIWS . . .	JOINTS ~ IPS ~ WELDED ~ 10"	0.00%
JOIWT . . .	JOINTS ~ IPS ~ WELDED ~ 12"	0.00%
JOIWTWOLB . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 0.25"	0.00%
JOIWTWOLC . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 0.375"	0.00%
JOIWTWOLD . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 0.5"	0.00%
JOIWTWOLE . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 0.75"	0.00%
JOIWTWOLF . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 1"	0.00%
JOIWTWOLG . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 1.25"	0.00%
JOIWTWOLH . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 1.5"	0.00%
JOIWTWOLI . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 2"	0.00%
JOIWTWOLJ . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 2.5"	0.00%
JOIWTWOLK . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 3"	0.00%
JOIWTWOLM . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 4"	0.00%
JOIWTWOLO . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 5"	0.00%
JOIWTWOLQ . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 6"	0.00%
JOIWTWOLR . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 8"	0.00%
JOIWTWOLS . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 10"	0.00%
JOIWTWOLT . . .	JOINTS ~ IPS ~ WELDED ~ T/W O-LETS ~ 12"	0.00%
JOP4D . . .	JOINTS ~ PVC SCHED 40 ~ 0.5"	0.00%
JOP4E . . .	JOINTS ~ PVC SCHED 40 ~ 0.75"	0.00%
JOP4F . . .	JOINTS ~ PVC SCHED 40 ~ 1"	0.00%
JOP4G . . .	JOINTS ~ PVC SCHED 40 ~ 1.25"	0.00%
JOP4H . . .	JOINTS ~ PVC SCHED 40 ~ 1.5"	0.00%
JOP4I . . .	JOINTS ~ PVC SCHED 40 ~ 2"	0.00%
JOP4J . . .	JOINTS ~ PVC SCHED 40 ~ 2.5"	0.00%
JOP4K . . .	JOINTS ~ PVC SCHED 40 ~ 3"	0.00%
JOP4M . . .	JOINTS ~ PVC SCHED 40 ~ 4"	0.00%
JOP4Q . . .	JOINTS ~ PVC SCHED 40 ~ 6"	0.00%
JOPC . . .	JOINTS ~ PEX ~ 0.375"	0.00%
JOPD . . .	JOINTS ~ PEX ~ 0.5"	0.00%
JOPE . . .	JOINTS ~ PEX ~ 0.75"	0.00%
JOPF . . .	JOINTS ~ PEX ~ 1"	0.00%
JOPG . . .	JOINTS ~ PEX ~ 1.25"	0.00%
JOPH . . .	JOINTS ~ PEX ~ 1.5"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
JOPI . . .	JOINTS ~ PEX ~ 2"	0.00%
JORM . . .	JOINTS ~ RADON ~ 4"	0.00%
JORQ . . .	JOINTS ~ RADON ~ 6"	0.00%
JOSCC . . .	JOINTS ~ SADDLE ~ CLAMP ON ~ 0.375"	0.00%
JOSCD . . .	JOINTS ~ SADDLE ~ CLAMP ON ~ 0.5"	0.00%
JOSCE . . .	JOINTS ~ SADDLE ~ CLAMP ON ~ 0.75"	0.00%
JOSCF . . .	JOINTS ~ SADDLE ~ CLAMP ON ~ 1"	0.00%
JOSCG . . .	JOINTS ~ SADDLE ~ CLAMP ON ~ 1.25"	0.00%
JOSCH . . .	JOINTS ~ SADDLE ~ CLAMP ON ~ 1.5"	0.00%
JOSCI . . .	JOINTS ~ SADDLE ~ CLAMP ON ~ 2"	0.00%
JOTD . . .	JOINTS ~ TDRILL ~ 0.5" RUN, 0.375" - 0.5" BRANCH	0.00%
JOTE . . .	JOINTS ~ TDRILL ~ 0.75" RUN, 0.375" - 0.75" BRANCH	0.00%
JOTF . . .	JOINTS ~ TDRILL ~ 1" RUN, 0.375" - 1" BRANCH	0.00%
JOTG . . .	JOINTS ~ TDRILL ~ 1.25" RUN, 0.375" - 1.25" BRANCH	0.00%
JOTH . . .	JOINTS ~ TDRILL ~ 1.5" RUN, 0.375" - 1.5" BRANCH	0.00%
JOTI . . .	JOINTS ~ TDRILL ~ 2" RUN, 0.375" - 2" BRANCH	0.00%
JOTJ . . .	JOINTS ~ TDRILL ~ 2.5" RUN, 0.5" to 2" BRANCH	0.00%
JOTK . . .	JOINTS ~ TDRILL ~ 3" RUN, 1" - 2" BRANCH	0.00%
JOTM . . .	JOINTS ~ TDRILL ~ 4" RUN, 1" - 2" BRANCH	0.00%
LABELING . . .	LABELING ~ BUDGET	0.00%
LASI . . .	LABEL ~ STICKER ~ 2" MINUS	0.00%
LASJ . . .	LABEL ~ STICKER ~ 2-1/2" PLUS	0.00%
OFA . . .	OFFICE ~ ACCOUNTING	0.00%
OFADRO . . .	OFFICE ~ AUDITS ~ DEPT. REV/OTHER	0.00%
OFAP . . .	OFFICE ~ ACCOUNTS PAYABLE	0.00%
OFAPSU . . .	OFFICE ~ ASSET PURCHASE & SET UP	0.00%
OFAPW . . .	OFFICE ~ AUDITS ~ PREVAILING WAGE	0.00%
OFAR . . .	OFFICE ~ ACCOUNTS RECIEVALBE	0.00%
OFCITC . . .	OFFICE ~ CITC	0.00%
OFHRBA . . .	OFFICE ~ HR ~ BENEFITS ADMINISTRATION & ENROLLMENT	0.00%
OFHRGA . . .	OFFICE ~ HR ~ GENERAL ADMIN (MISC INTERNAL PERSONELL ITEMS)	0.00%
OFHRKOS . . .	OFFICE ~ HR ~ KEPT ON SALARY	0.00%
OFHRRIE . . .	OFFICE ~ HR ~ RECRUITING/INTERVIEWING/EVALUATING	0.00%
OFITCN . . .	OFFICE ~ IT COMPUTER/NETWORK ETC	0.00%
OFM . . .	OFFICE ~ MEETING	0.00%
OFMI . . .	OFFICE ~ MARKETING/IMAGING	0.00%
OFMPADPE . . .	OFFICE ~ MEETING ~ PREPARE AGENDA/DOCUMENTS/POWERPOINT ETC	0.00%
OFMS . . .	OFFICE ~ MEETING ~ SUPERINTENDENT'S	0.00%
OFMT . . .	OFFICE ~ MISC TASKS (PUT DSCRIP IN NOTES OF TASKS COMPLETED)	0.00%
OFMVCME . . .	OFFICE ~ MEETING ~ VENDORS/CUSTOMERS/MANFACTURES/ETC	0.00%
OFF . . .	OFFICE ~ PAYROLL	0.00%
OFFACOPLW . . .	OFFICE ~ PROJECT ~ ADMIN CLOSEOUT/PUNCH LIST/WARRANTY(GEN ~)	0.00%
<i>INCL:MAKING VALVE TAG CHARTS</i>		
OFFPB . . .	OFFICE ~ PROJECT ~ BILLING (GEN ~)	0.00%
OFFPBE . . .	OFFICE ~ PROJECT ~ BIDDING/ESTIMATING (GEN ~)	0.00%
OFFPBIMD . . .	OFFICE ~ PROJECT ~ BIM/SHOP/COORDINATION DRAWINGS (GEN ~)	0.00%
OFFPCO . . .	OFFICE ~ PROJECT ~ CHANGE ORDERS (GEN ~)	0.00%
OFFPGT . . .	OFFICE ~ PROJECT ~ GEN ~ TASKS(RFI,RPRTS,EMAIL,PRJ RVIEW,MSC)	0.00%
OFFPM . . .	OFFICE ~ PROJECT ~ MEETING (GEN ~)	0.00%
OFFPOM . . .	OFFICE ~ PROJECT ~ O&M'S (GEN ~)	0.00%
OFFPPMO . . .	OFFICE ~ PROJECT ~ PURCHASE/MATERIAL ORDERS/RETURNS (GEN ~)	0.00%
OFFPS . . .	OFFICE ~ PROJECT ~ SUBMITTALS (GEN ~)	0.00%
OFFPT . . .	OFFICE ~ PROJECT ~ TAKE OFFS (GEN ~)	0.00%
OFFR . . .	OFFICE ~ REPORTING (GEN ~)	0.00%
OFFRD . . .	OFFICE ~ RESEARCH & DEVELOPMENT	0.00%
OFFRDSOP . . .	OFFICE ~ RESEARCH & DEVELOPMENT ~ STANDARD OPERATING PROCE	0.00%
<i>THIS PHASE IS FOR TIME SPENT BUILDING/DEVELOPING STANDARD OPERATING PROCEDURES/JOB POSITION MANUALS</i>		
OFFRPW . . .	OFFICE ~ REPORTING ~ PREVAILING WAGE (GEN ~)	0.00%
OFFSBM . . .	OFFICE ~ SERVICE ~ BACKFLOW MANAGEMENT	0.00%
OFFSBMRR . . .	OFFICE ~ SHOP ~ BUILDING ~ MAINTENANCE & REPAIR/RENOVATION	0.00%
OFFSCTDO . . .	OFFICE ~ SERVICE ~ CALL TAKING/DISPATCHING/OTHER	0.00%
OFFSCULD . . .	OFFICE ~ SHOP ~ CLEAN UP & LOCK DOWN	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
OFSDC . . .	OFFICE ~ SHOP ~ DELIVERY CHARGES ~ FUEL & MILEAGE (GEN ~)	0.00%
OFSED . . .	OFFICE ~ SHOP ~ ERRANDS & DELIVERIES (GEN ~)	0.00%
OFSIASUC . . .	OFFICE ~ SHOP ~ INVENTORY ~ ADD/SET UP/CHANGE	0.00%
OFSPIC . . .	OFFICE ~ SHOP ~ INVENTORY ~ PHYSICAL COUNT	0.00%
OFSPIF . . .	OFFICE ~ SHOP ~ INVENTORY ~ PREFABING (GEN ~)	0.00%
OFSLWF . . .	OFFICE ~ SHOP ~ LOAD/WH TRANS/FUEL ETC (GEN ~)	0.00%
OFSPMOI . . .	OFFICE ~ SHOP ~ PURCHASE/MATERIAL ORDERS FOR INVENTORY	0.00%
OFSRIO . . .	OFFICE ~ SHOP ~ RECIEVING INCOMING ORDERS (GEN ~)	0.00%
OFVETRM . . .	OFFICE ~ SHOP ~ VEH/EQP/TLS REPAIRS & MAINTENANCE (GEN ~)	0.00%
OFSWASUC . . .	OFFICE ~ SHOP ~ WAREHOUSE ~ ADD/SET UP/CHANGE	0.00%
OFSWI . . .	OFFICE ~ SHOP ~ WAREHOUSE INSURANCE	0.00%
OFSWMASUC . . .	OFFICE ~ SHOP ~ WAREHOUSE MOBILE ~ ADD/SET UP/CHANGE	0.00%
OFSWR . . .	OFFICE ~ SHOP ~ WAREHOUSE RENT	0.00%
OFT . . .	OFFICE ~ TAXES	0.00%
OFTS . . .	OFFICE ~ TRAINING ~ SCHOOLING	0.00%
OFTSOP . . .	OFFICE ~ TRAINING ~ STANDARD OPERATING PROCEDURES	0.00%
<i>THIS PHASE IS FOR TRAINING STANDARD OPERATING PROCEDURES</i>		
OFTV . . .	OFFICE ~ TRAINING ~ VIEWPOINT	0.00%
OFVIS . . .	OFFICE ~ re.VIEWPOINT ~ IMPLEMENTATION & SETUP	0.00%
PECC1214 . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 14"	0.00%
PECC1218 . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 18"	0.00%
PECC12H . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 1.5" OR LESS	0.00%
PECC12I . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 2"	0.00%
PECC12K . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 3"	0.00%
PECC12M . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 4"	0.00%
PECC12O . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 5"	0.00%
PECC12Q . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 6"	0.00%
PECC12R . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 8"	0.00%
PECC12S . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 10"	0.00%
PECC12T . . .	PENETRATION ~ 12" THICK CONCRETE CORE DRILL ~ 12"	0.00%
PECC614 . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 14"	0.00%
PECC618 . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 18"	0.00%
PECC6H . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 1.5" OR LESS	0.00%
PECC6I . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 2"	0.00%
PECC6K . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 3"	0.00%
PECC6M . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 4"	0.00%
PECC6O . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 5"	0.00%
PECC6Q . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 6"	0.00%
PECC6R . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 8"	0.00%
PECC6S . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 10"	0.00%
PECC6T . . .	PENETRATION ~ 6" THICK CONCRETE CORE DRILL ~ 12"	0.00%
PEPDDI . . .	PENETRATION ~ PAN DECKING ~ 0 - 2"	0.00%
PEPDJQ . . .	PENETRATION ~ PAN DECKING ~ 2.5" - 6"	0.00%
PEPDRT . . .	PENETRATION ~ PAN DECKING ~ 8" - 12"	0.00%
PEPDU . . .	PENETRATION ~ PAN DECKING ~ 14" & LARGER	0.00%
PESSH . . .	PENETRATION ~ STEEL STUD ~ 1.5" PIPE OR LESS	0.00%
PESSI . . .	PENETRATION ~ STEEL STUD ~ 2" PIPE	0.00%
PESSK . . .	PENETRATION ~ STEEL STUD ~ 3" PIPE	0.00%
PESSM . . .	PENETRATION ~ STEEL STUD ~ 4" PIPE	0.00%
PESSQ . . .	PENETRATION ~ STEEL STUD ~ 6" PIPE	0.00%
PEWH . . .	PENETRATION ~ WOOD ~ 1.5" PIPE OR LESS	0.00%
PEWI . . .	PENETRATION ~ WOOD ~ 2" PIPE	0.00%
PEWK . . .	PENETRATION ~ WOOD ~ 3" PIPE	0.00%
PEWM . . .	PENETRATION ~ WOOD ~ 4" PIPE	0.00%
PEWQ . . .	PENETRATION ~ WOOD ~ 6" PIPE	0.00%
PI3M . . .	PIPING ~ 3034 ~ 4"	0.00%
PIA4AH . . .	PIPING ~ ACID RESISTANT CPVC SCHED 40 ~ 1.5"	0.00%
PIA4AI . . .	PIPING ~ ACID RESISTANT CPVC SCHED 40 ~ 2"	0.00%
PIA4AK . . .	PIPING ~ ACID RESISTANT CPVC SCHED 40 ~ 3"	0.00%
PIA4AM . . .	PIPING ~ ACID RESISTANT CPVC SCHED 40 ~ 4"	0.00%
PIA4AQ . . .	PIPING ~ ACID RESISTANT CPVC SCHED 40 ~ 6"	0.00%
PIA4H . . .	PIPING ~ ABS ~ SCHED 40 ~ 1.5"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
PIA4I . . .	PIPING ~ ABS ~ SCHED 40 ~ 2"	0.00%
PIA4K . . .	PIPING ~ ABS ~ SCHED 40 ~ 3"	0.00%
PIA4M . . .	PIPING ~ ABS ~ SCHED 40 ~ 4"	0.00%
PIA4Q . . .	PIPING ~ ABS ~ SCHED 40 ~ 6"	0.00%
PIB1I . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 02"	0.00%
PIB1J . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 02.5"	0.00%
PIB1K . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 03"	0.00%
PIB1M . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 04"	0.00%
PIB1O . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 05"	0.00%
PIB1Q . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 06"	0.00%
PIB1R . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 08"	0.00%
PIB1S . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 10"	0.00%
PIB1T . . .	PIPING ~ BLACK IRON ~ SCHED 10 ~ 12"	0.00%
PIB4D . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 0.5"	0.00%
PIB4E . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 0.75"	0.00%
PIB4F . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 1"	0.00%
PIB4G . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 1.25"	0.00%
PIB4H . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 1.5"	0.00%
PIB4I . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 02"	0.00%
PIB4J . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 02.5"	0.00%
PIB4K . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 03"	0.00%
PIB4M . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 04"	0.00%
PIB4O . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 05"	0.00%
PIB4Q . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 06"	0.00%
PIB4R . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 08"	0.00%
PIB4S . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 10"	0.00%
PIB4T . . .	PIPING ~ BLACK IRON ~ SCHED 40 ~ 12"	0.00%
PIB8D . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 0.5"	0.00%
PIB8E . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 0.75"	0.00%
PIB8F . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 1"	0.00%
PIB8G . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 1.25"	0.00%
PIB8H . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 1.5"	0.00%
PIB8I . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 2"	0.00%
PIB8J . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 2.5"	0.00%
PIB8K . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 3"	0.00%
PIB8M . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 4"	0.00%
PIB8O . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 5"	0.00%
PIB8Q . . .	PIPING ~ BLACK IRON ~ SCHED 80 ~ 6"	0.00%
PIBPPEI . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 2"	0.00%
PIBPPEJ . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 2.5"	0.00%
PIBPPEK . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 3"	0.00%
PIBPPEM . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 4"	0.00%
PIBPPEO . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 5"	0.00%
PIBPPEQ . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 6"	0.00%
PIBPPER . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 8"	0.00%
PIBPPEs . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 10"	0.00%
PIBPPET . . .	PIPING ~ BLACK IRON ~ PRE-INSULATED ~ PLAIN END ~ 12"	0.00%
PIC4D . . .	PIPING ~ CPVC SCHED 40 ~ 0.5"	0.00%
PIC4E . . .	PIPING ~ CPVC SCHED 40 ~ 0.75"	0.00%
PIC4F . . .	PIPING ~ CPVC SCHED 40 ~ 1"	0.00%
PIC4G . . .	PIPING ~ CPVC SCHED 40 ~ 1.25"	0.00%
PIC4H . . .	PIPING ~ CPVC SCHED 40 ~ 1.5"	0.00%
PIC4I . . .	PIPING ~ CPVC SCHED 40 ~ 2"	0.00%
PIC4J . . .	PIPING ~ CPVC SCHED 40 ~ 2.5"	0.00%
PIC4K . . .	PIPING ~ CPVC SCHED 40 ~ 3"	0.00%
PIC4M . . .	PIPING ~ CPVC SCHED 40 ~ 4"	0.00%
PIC4Q . . .	PIPING ~ CPVC SCHED 40 ~ 6"	0.00%
PICCK58 . . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 0.625"	0.00%
PICCKB . . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 0.25"	0.00%
PICCKC . . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 0.375"	0.00%
PICCKD . . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 0.5"	0.00%
PICCKE . . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 0.75"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
PICCKF . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 1"	0.00%
PICCKG . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 1.25"	0.00%
PICCKH . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 1.5"	0.00%
PICCKI . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 2"	0.00%
PICCKJ . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 2.5"	0.00%
PICCKK . .	PIPING ~ COPPER ~ C&C ~ TYPE K ~ 3"	0.00%
PICCKM . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 4"	0.00%
PICCL58 . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 0.625"	0.00%
PICCLB . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 0.25"	0.00%
PICCLC . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 0.375"	0.00%
PICCLD . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 0.5"	0.00%
PICCLE . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 0.75"	0.00%
PICCLF . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 1"	0.00%
PICCLG . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 1.25"	0.00%
PICCLH . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 1.5"	0.00%
PICCLI . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 2"	0.00%
PICCLJ . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 2.5"	0.00%
PICCLK . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 3"	0.00%
PICCLM . .	PIPING ~ COPPER ~ C&C ~ TYPE L ~ 4"	0.00%
PICDG . .	PIPING ~ COPPER ~ DWV ~ 1.25"	0.00%
PICDH . .	PIPING ~ COPPER ~ DWV ~ 1.5"	0.00%
PICDI . .	PIPING ~ COPPER ~ DWV ~ 2"	0.00%
PICDK . .	PIPING ~ COPPER ~ DWV ~ 3"	0.00%
PICDM . .	PIPING ~ COPPER ~ DWV ~ 4"	0.00%
PICDO . .	PIPING ~ COPPER ~ DWV ~ 5"	0.00%
PICHKD . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 0.5"	0.00%
PICHKE . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 0.75"	0.00%
PICHKF . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 1"	0.00%
PICHKG . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 1.25"	0.00%
PICHKH . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 1.5"	0.00%
PICHKI . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 2"	0.00%
PICHKJ . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 2.5"	0.00%
PICHKK . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 3"	0.00%
PICHKM . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 4"	0.00%
PICHKO . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 5"	0.00%
PICHKQ . .	PIPING ~ COPPER ~ HARD ~ TYPE K ~ 6"	0.00%
PICHLD . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 0.5"	0.00%
PICHLE . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 0.75"	0.00%
PICHLF . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 1"	0.00%
PICHLG . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 1.25"	0.00%
PICHLH . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 1.5"	0.00%
PICHLI . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 2"	0.00%
PICHLJ . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 2.5"	0.00%
PICHLK . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 3"	0.00%
PICHLM . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 4"	0.00%
PICHLO . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 5"	0.00%
PICHLQ . .	PIPING ~ COPPER ~ HARD ~ TYPE L ~ 6"	0.00%
PICHMD . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 0.5"	0.00%
PICHME . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 0.75"	0.00%
PICHMF . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 1"	0.00%
PICHMG . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 1.25"	0.00%
PICHMH . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 1.5"	0.00%
PICHMI . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 2"	0.00%
PICHMJ . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 2.5"	0.00%
PICHMK . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 3"	0.00%
PICHMM . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 4"	0.00%
PICHMO . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 5"	0.00%
PICHMQ . .	PIPING ~ COPPER ~ HARD ~ TYPE M ~ 6"	0.00%
PICNH . .	PIPING ~ CI ~ NO HUB ~ 01.5"	0.00%
PICNI . .	PIPING ~ CI ~ NO HUB ~ 02"	0.00%
PICNK . .	PIPING ~ CI ~ NO HUB ~ 03"	0.00%
PICNM . .	PIPING ~ CI ~ NO HUB ~ 04"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
PICNO . . .	PIPING ~ CI ~ NO HUB ~ 05"	0.00%
PICNQ . . .	PIPING ~ CI ~ NO HUB ~ 06"	0.00%
PICNR . . .	PIPING ~ CI ~ NO HUB ~ 08"	0.00%
PICNS . . .	PIPING ~ CI ~ NO HUB ~ 10"	0.00%
PICNT . . .	PIPING ~ CI ~ NO HUB ~ 12"	0.00%
PICSKD . . .	PIPING ~ COPPER ~ SOFT ~ TYPE K ~ 0.5"	0.00%
PICSKE . . .	PIPING ~ COPPER ~ SOFT ~ TYPE K ~ 0.75"	0.00%
PICSKF . . .	PIPING ~ COPPER ~ SOFT ~ TYPE K ~ 1"	0.00%
PICSKG . . .	PIPING ~ COPPER ~ SOFT ~ TYPE K ~ 1.25"	0.00%
PICSKH . . .	PIPING ~ COPPER ~ SOFT ~ TYPE K ~ 1.5"	0.00%
PICSKI . . .	PIPING ~ COPPER ~ SOFT ~ TYPE K ~ 2"	0.00%
PICSKJ . . .	PIPING ~ COPPER ~ SOFT ~ TYPE K ~ 2.5"	0.00%
PICSLC . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 0.375"	0.00%
PICSLD . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 0.5"	0.00%
PICSLE . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 0.75"	0.00%
PICSLF . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 1"	0.00%
PICSLG . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 1.25"	0.00%
PICSLH . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 1.5"	0.00%
PICSLI . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 2"	0.00%
PICSLJ . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 2.5"	0.00%
PICSLK . . .	PIPING ~ COPPER ~ SOFT ~ TYPE L ~ 3"	0.00%
PIG4TC . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 0.375"	0.00%
PIG4TD . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 0.5"	0.00%
PIG4TE . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 0.75"	0.00%
PIG4TF . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 1"	0.00%
PIG4TG . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 1.25"	0.00%
PIG4TH . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 1.5"	0.00%
PIG4TI . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 2"	0.00%
PIG4TJ . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 2.5"	0.00%
PIG4TK . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 3"	0.00%
PIG4TL . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 3.5"	0.00%
PIG4TM . . .	PIPING ~ GALV ~ SCHED 40 ~ THREADED ~ 4"	0.00%
PIHD . . .	PIPING ~ HDPE ~ 00.5"	0.00%
PIHE . . .	PIPING ~ HDPE ~ 00.75"	0.00%
PIHF . . .	PIPING ~ HDPE ~ 01"	0.00%
PIHG . . .	PIPING ~ HDPE ~ 01.25"	0.00%
PIHH . . .	PIPING ~ HDPE ~ 01.5"	0.00%
PIHI . . .	PIPING ~ HDPE ~ 02"	0.00%
PIHJ . . .	PIPING ~ HDPE ~ 02.5"	0.00%
PIHK . . .	PIPING ~ HDPE ~ 03"	0.00%
PIHL . . .	PIPING ~ HDPE ~ 03.5"	0.00%
PIHM . . .	PIPING ~ HDPE ~ 04"	0.00%
PIHQ . . .	PIPING ~ HDPE ~ 06"	0.00%
PIHR . . .	PIPING ~ HDPE ~ 08"	0.00%
PIHS . . .	PIPING ~ HDPE ~ 10"	0.00%
PIHT . . .	PIPING ~ HDPE ~ 12"	0.00%
PIHU . . .	PIPING ~ HDPE ~ 14"	0.00%
PIHV . . .	PIPING ~ HDPE ~ 16"	0.00%
PIHW . . .	PIPING ~ HDPE ~ 18"	0.00%
PIHX . . .	PIPING ~ HDPE ~ 20"	0.00%
PIHY . . .	PIPING ~ HDPE ~ 22"	0.00%
PIHZ . . .	PIPING ~ HDPE ~ 24"	0.00%
PIP4D . . .	PIPING ~ PVC SCHED 40 ~ 0.5"	0.00%
PIP4E . . .	PIPING ~ PVC SCHED 40 ~ 0.75"	0.00%
PIP4F . . .	PIPING ~ PVC SCHED 40 ~ 1"	0.00%
PIP4G . . .	PIPING ~ PVC SCHED 40 ~ 1.25"	0.00%
PIP4H . . .	PIPING ~ PVC SCHED 40 ~ 1.5"	0.00%
PIP4I . . .	PIPING ~ PVC SCHED 40 ~ 2"	0.00%
PIP4J . . .	PIPING ~ PVC SCHED 40 ~ 2.5"	0.00%
PIP4K . . .	PIPING ~ PVC SCHED 40 ~ 3"	0.00%
PIP4M . . .	PIPING ~ PVC SCHED 40 ~ 4"	0.00%
PIP4Q . . .	PIPING ~ PVC SCHED 40 ~ 6"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
PIP8E . .	PIPING ~ PVC SCH 80 ~ 0.75"	0.00%
PIP8F . .	PIPING ~ PVC SCH 80 ~ 1"	0.00%
PIP8G . .	PIPING ~ PVC SCH 80 ~ 1.25"	0.00%
PIP8H . .	PIPING ~ PVC SCH 80 ~ 1.5"	0.00%
PIP8I . .	PIPING ~ PVC SCH 80 ~ 2"	0.00%
PIPDFCH . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 1.5"	0.00%
PIPDFCI . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 2"	0.00%
PIPDFCK . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 3"	0.00%
PIPDFCM . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 4"	0.00%
PIPDFCQ . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 6"	0.00%
PIPDFCR . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 8"	0.00%
PIPDFCS . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 10"	0.00%
PIPDFCT . .	PIPING ~ PVC ~ DWV ~ FOAM CORE ~ 12"	0.00%
PIPDSC . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 1.5"	0.00%
PIPDSCI . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 2"	0.00%
PIPDSC . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 3"	0.00%
PIPDSCM . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 4"	0.00%
PIPDSCQ . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 6"	0.00%
PIPDSCR . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 8"	0.00%
PIPDSCS . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 10"	0.00%
PIPD SCT . .	PIPING ~ PVC ~ DWV ~ SOLID CORE ~ 12"	0.00%
PIPXC . .	PIPING ~ PEX ~ 0.375"	0.00%
PIPXD . .	PIPING ~ PEX ~ 0.5"	0.00%
PIPXE . .	PIPING ~ PEX ~ 0.75"	0.00%
PIPXF . .	PIPING ~ PEX ~ 1"	0.00%
PIPXG . .	PIPING ~ PEX ~ 1.25"	0.00%
PIPXH . .	PIPING ~ PEX ~ 1.5"	0.00%
PIPXI . .	PIPING ~ PEX ~ 2"	0.00%
PIRM . .	PIPING ~ RADON ~ 4"	0.00%
PIRQ . .	PIPING ~ RADON ~ 6"	0.00%
SEMP . .	SERVICE MATERIALS/PARTS	0.00%
SLFDI . .	SLEEVE ~ FLOOR ~ 0.5" - 2"	0.00%
SLFFDI . .	SLEEVE ~ FOOTING/FOUNDATION ~ 0.5" - 2"	0.00%
SLFFJQ . .	SLEEVE ~ FOOTING/FOUNDATION ~ 2.5" - 6"	0.00%
SLFFRT . .	SLEEVE ~ FOOTING/FOUNDATION ~ 8" - 12"	0.00%
SLFJQ . .	SLEEVE ~ FLOOR ~ 2.5" - 6"	0.00%
SLFRT . .	SLEEVE ~ FLOOR ~ 8" - 12"	0.00%
SLWDI . .	SLEEVE ~ WALL ~ 0.5" - 2"	0.00%
SLWJQ . .	SLEEVE ~ WALL ~ 2.5" - 6"	0.00%
SLWRT . .	SLEEVE ~ WALL ~ 8" - 12"	0.00%
T&MP . .	T&M PROJECT	0.00%
TAGV . .	VALVE TAG ~ BRASS / PLASTIC	0.00%
TRRJ . .	TRAILER RESTOCK AT JOB CLOSE	0.00%
WSBDTE . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ DBL CHECK ~ TH 3/4	0.00%
WSBDTF . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ DBL CHECK ~ TH 1"	0.00%
WSBDTH . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ DBL CHECK ~ TH 1.5	0.00%
WSBDTI . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ DBL CHECK ~ TH 2"	0.00%
WSBRFJ . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 2-1/2	0.00%
WSBRFK . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 3"	0.00%
WSBRFM . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 4"	0.00%
WSBRFQ . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 6"	0.00%
WSBRFR . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 8"	0.00%
WSBRFS . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 10"	0.00%
WSBRTE . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 3/4"	0.00%
WSBRTF . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 1"	0.00%
WSBRTG . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 1-1/4	0.00%
WSBRTH . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 1-1/2	0.00%
WSBRTI . .	WATER SPECIALTIES ~ BACKFLOW PREVENTERS ~ REDCD PRSS ~ 2"	0.00%
WSDD . .	WATER SPECIALTIES ~ DCVA ~ 0.5"	0.00%
WSDE . .	WATER SPECIALTIES ~ DCVA ~ 0.75"	0.00%
WSDF . .	WATER SPECIALTIES ~ DCVA ~ 1"	0.00%
WSDG . .	WATER SPECIALTIES ~ DCVA ~ 1.25"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
WSDH . .	WATER SPECIALTIES ~ DCVA ~ 1.5"	0.00%
WSDI . .	WATER SPECIALTIES ~ DCVA ~ 2"	0.00%
WSDJ . .	WATER SPECIALTIES ~ DCVA ~ 2.5"	0.00%
WSDK . .	WATER SPECIALTIES ~ DCVA ~ 3"	0.00%
WSDM . .	WATER SPECIALTIES ~ DCVA ~ 4"	0.00%
WSDO . .	WATER SPECIALTIES ~ DCVA ~ 5"	0.00%
WSDQ . .	WATER SPECIALTIES ~ DCVA ~ 6"	0.00%
WSEJG . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 1.25"	0.00%
WSEJH . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 1.5"	0.00%
WSEJI . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 2"	0.00%
WSEJJ . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 2.5"	0.00%
WSEJK . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 3"	0.00%
WSEJM . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 4"	0.00%
WSEJO . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 5"	0.00%
WSEJQ . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 6"	0.00%
WSEJR . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 8"	0.00%
WSEJS . .	WATER SPECIALTIES ~ EXPANSION ~ JOINTS ~ 10"	0.00%
WSELH . .	WATER SPECIALTIES ~ EXPANSION ~ LOOPS ~ 1.5" - 2'x4'	0.00%
WSELI . .	WATER SPECIALTIES ~ EXPANSION ~ LOOPS ~ 2" - 2'x4'	0.00%
WSFKL . .	WATER SPECIALTIES ~ FAUCET ONLY ~ KITCHEN / LAUNDRY	0.00%
WSFLV . .	WATER SPECIALTIES ~ FAUCET ONLY ~ LAVATORY / LAB	0.00%
WSFLVPD . .	WATER SPECIALTIES ~ FAUCET ONLY ~ LAV W/ POPUP DRAIN	0.00%
WSFLWSWPD . .	WTR SPCLTS ~ FCT ONLY ~ WIDE SPREAD W/POPUP DRN (LESS STOPS)	0.00%
WSFSS . .	WATER SPECIALTIES ~ FAUCET ONLY ~ SERVICE SINK	0.00%
WSGDC . .	WATER SPECIALTIES ~ GAUGES ~ DIFFERENTIAL/ MAGNEHELIC	0.00%
WSGPC . .	WATER SPECIALTIES ~ GAUGES ~ PRESSURE/VACUUM	0.00%
WSGSC . .	WATER SPECIALTIES ~ GAUGES ~ STEEL/BRASS/ALUMINUM CASE	0.00%
WSHB011 . .	WATER SPECIALTIES ~ HAMMER ARRESTERS ~ BELLOWS ~ 0.75" to 11	0.00%
WSHB113 . .	WATER SPECIALTIES ~ HAMMER ARRESTERS ~ BELLOWS ~ 1" to 113 F	0.00%
WSHB154 . .	WATER SPECIALTIES ~ HAMMER ARRESTERS ~ BELLOWS ~ 1" to 154 F	0.00%
WSHB300 . .	WATER SPECIALTIES ~ HAMMER ARRESTERS ~ BELLOWS ~ 1.5" to 300	0.00%
WSHC011 . .	WATER SPECIALTIES ~ HAMMER ARRESTERS ~ COPPER ~ 0.75", 1-11	0.00%
WSHC154 . .	WATER SPECIALTIES ~ HAMMER ARRESTERS ~ COPPER ~ 1"-2", 12-15	0.00%
WSHC330 . .	WATER SPECIALTIES ~ HAMMER ARRESTERS ~ COPPER ~ 2.5", 155-33	0.00%
WSHDB . .	WATER SPECIALTIES ~ HOSE BIBB ~ 0.5" BIB	0.00%
WSHEB . .	WATER SPECIALTIES ~ HOSE BIBB ~ 0.75" BIB	0.00%
WSHEF . .	WATER SPECIALTIES ~ HOSE BIBB ~ 0.75" FPWH	0.00%
WSHEFB . .	WATER SPECIALTIES ~ HOSE BIBB ~ 0.75" FPWH/RECESSED BOX	0.00%
WSHEFHB . .	WATER SPECIALTIES ~ HOSE BIBB ~ 0.75" FPWH H&C/RECESSED BOX	0.00%
WSHEN . .	WATER SPECIALTIES ~ HOSE BIBB ~ 0.75" NFRH	0.00%
WSPD . .	WATER SPECIALTIES ~ PRV ~ 0.5"	0.00%
WSPE . .	WATER SPECIALTIES ~ PRV ~ 0.75"	0.00%
WSPF . .	WATER SPECIALTIES ~ PRV ~ 1"	0.00%
WSPG . .	WATER SPECIALTIES ~ PRV ~ 1.25"	0.00%
WSPH . .	WATER SPECIALTIES ~ PRV ~ 1.5"	0.00%
WSPJ . .	WATER SPECIALTIES ~ PRV ~ 2"	0.00%
WSPK . .	WATER SPECIALTIES ~ PRV ~ 2.5"	0.00%
WSPJ . .	WATER SPECIALTIES ~ PRV ~ 3"	0.00%
WSRD . .	WATER SPECIALTIES ~ RPBA ~ 0.5"	0.00%
WSRE . .	WATER SPECIALTIES ~ RPBA ~ 0.75"	0.00%
WSRF . .	WATER SPECIALTIES ~ RPBA ~ 1"	0.00%
WSRG . .	WATER SPECIALTIES ~ RPBA ~ 1.25"	0.00%
WSRH . .	WATER SPECIALTIES ~ RPBA ~ 1.5"	0.00%
WSRI . .	WATER SPECIALTIES ~ RPBA ~ 2"	0.00%
WSRJ . .	WATER SPECIALTIES ~ RPBA ~ 2.5"	0.00%
WSRK . .	WATER SPECIALTIES ~ RPBA ~ 3"	0.00%
WSRM . .	WATER SPECIALTIES ~ RPBA ~ 4"	0.00%
WSRO . .	WATER SPECIALTIES ~ RPBA ~ 5"	0.00%
WSRQ . .	WATER SPECIALTIES ~ RPBA ~ 6"	0.00%
WST4DU . .	WATER SPECIALTIES ~ TRAP PRIMER ~ 4x DISTRIBUTION UNIT	0.00%
WST8M . .	WATER SPECIALTIES ~ TRAP PRIMER ~ 8x MANIFOLD	0.00%
WSTD . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE ~ 0.5"	0.00%

JC Phase Codes

Phase Groups: 1 - 1

Phases: COHBT . . - WTDS . .

Phase	Description	Minimum Projection %
Phase Group: 1 - Continued		
WSTE . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE ~ 0.75"	0.00%
WSTF . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE ~ 1"	0.00%
WSTG . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE ~ 1.25"	0.00%
WSTH . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE ~ 1.5"	0.00%
WSTIA . .	WATER SPECIALTIES ~ THERMOSTAT ~ IN AHU UNIT	0.00%
WSTPD . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE W/REC ~ 0.5"	0.00%
WSTPE . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE W/REC ~ 0.75"	0.00%
WSTPF . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE W/REC ~ 1"	0.00%
WSTPG . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE W/REC ~ 1-1/4"	0.00%
WSTPH . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE W/REC ~ 1-1/2"	0.00%
WSTPK . .	WATER SPECIALTIES ~ TEMPATURE MIXING VALVE W/REC ~ 3"	0.00%
WSTS . .	WATER SPECIALTIES ~ TRAP PRIMER ~ SINGLE	0.00%
WSTST . .	WATER SPECIALTIES ~ THERMOMETERS ~ STEM TYPE	0.00%
WSTUT . .	WATER SPECIALTIES ~ THERMOMETERS ~ UNION/SEPARABLE SOCKET 1	0.00%
WSTVT . .	WATER SPECIALTIES ~ THERMOMETERS ~ VAPOR TYPE	0.00%
WTDS . .	WATER TREATMENT ~ DOMESTIC ~ STERILIZATION/CHLORINIZATION	0.00%