

Material Code Description	Quantity	UOM
HDR CASE CASTING (2B-P-120 is unassembled and made up of ACC codes.)	1	EA
CASE CASTING (2B-P-120 is unassembled and made up of ACC codes.)	1	EA
IMPELLER CASTING (2B-P-513D is unassembled and made up of ACC codes.)	2	EA
MOTOR	1	EA
Sales Oil Transfer Pump	1	EA
Produced Water Transfer Pump	1	EA
Produced Water Transfer Pump	1	EA
Emulsion Transfer Pump & 350HP Teco Motor Assembly c/w 4 Alignment Nuts, 1 Coupling, John Crane 32 Systems & Seals	1	EA
Emulsion Transfer Pump & 350HP Teco Motor Assembly c/w 4 Alignment Nuts, 1 Coupling, John Crane 32 Systems & Seals	1	EA
HLS Feed Pump	1	EA
HLS Feed Pump	1	EA
Clean Backwash Pump c/w 2 Alignment Nuts, 1 Coupling & Manual	3	EA
After Filter Feed Pump & 300HP Teco Motor Assembly c/w 4 Alignment Nuts, 1 Coupling, John Crane 32/54 Systems & Seals	1	EA
After Filter Feed Pump & 300HP Teco Motor Assembly c/w 4 Alignment Nuts, 1 Coupling, John Crane 32/54 Systems & Seals	1	EA
Glycol Circulation Pump	3	EA
Clean Backwash Pump 3500HP Teco -Westinghouse Motor	2	EA
Clean Backwash Pump 700HP Teco-Westinghouse Motor	2	EA
Clean Backwash Pump 200HP Teco Motor	3	EA
Glycol Circulation Pump 800HP Teco -Westinghouse Motor	3	EA
HEAT EXCHANGER, MDL# LWC 100M BYF-400	1	EA
HEAT EXCHANGER, MDL# LWC 100M BYF-401	1	EA
Flare KO Pump	2	EA
PUMP, CENT, 477USGPM 1200 RPM C/W MOTOR, 5 HP 1200 RPM, 600V/3PH/60HZ C1D2, MDL# EM114	2	EA
PUMP, GEAR, 110 GPM 1800 RPM C/W MOTOR, 10 HP 1200 RPM, 600V/3PH/60HZ C1D2, MDL# EM149	2	EA
6" FLEXBALL JOINT, CL 600, ANSI, SCH80 BUTT WELD ENDS, NACE	8	EA
6" FLEXBALL JOINT, CL 600, ANSI, SCH80 BUTT WELD ENDS, NACE	12	EA
6" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	2	EA
6" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	12	EA
6" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	8	EA
6" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	8	EA
3" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	3	EA
3" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	6	EA
3" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	4	EA

Material Code Description	Quantity	UOM
3" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	16	EA
6" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	12	EA
6" 600LB SCH80 ROTO BALL JOINT, BW ENDS, SA105N/SA350 LF2 CL1, NACE MR0175/ISO 15156	39	EA
ROTARY SWIVEL, 6" FLEXBALL JOINT SCH80 BW 600# ANSI SA105N/SA350 LF2 CL1	6	EA
3" Flex Ball SP-02002	1	EA
ROTARY SWIVEL, 6" FLEXBALL JOINT SCH80 BW 600# ANSI SA105N/SA350 LF2 CL1 NACE MR0175/ISO 15156	18	EA
ROTARY SWIVEL, 6" FLEXBALL JOINT SCH80 BW 600# ANSI SA105N/SA350 LF2 CL1 NACE MR0175/ISO 15156	3	EA
ROTARY SWIVEL, 6" FLEXBALL JOINT SCH80 BW 600# ANSI SA105N/SA350 LF2 CL1 NACE MR0175/ISO 15156	13	EA
ROTARY SWIVEL, 2" FLEXBALL JOINT SCH160 BW 600# ANSI SA105N/SA350 LF2 CL1 NACE MR0175/ISO 15156	54	EA
3" Flexball Joint Socketweld Sch 80 600 A105N	2	EA
Electric Motor, Teco-Westinghouse, TEFC, 1750HP, 4000V, 1785 RPM, 3 phase, 60Hz, Type ANRK-EC, Frame 500A WP11, 229A, Serial No. CU.D093323-1, 6100 kg (legacy Enbridge tag: 201-BUM-11)	1	EA
Electric Motor, Teco-Westinghouse, TEFC, 1750HP, 4000V, 1785 RPM, 3 phase, 60Hz, Type ANRK-EC, Frame 500A WP11, 229A, Serial No. CU.D093323-2, 6100 kg (legacy Enbridge tag: 201-BUM-21)	1	EA
Area 100 footing forms type 6, 4900mm X 3100mm	2	EA
Area 100 footing forms type 7, 3100mm X 3100mm	2	EA
Area 200 footing forms type 18, 4400mm X 1200mm	1	EA
Area 200 footing forms type 8, 3100mm X 3100mm	1	EA
Area 100 Formwork 6000mm x 5200mm	1	EA
Area 100 Formwork 6000mm x 5200mm	1	EA
Area 100 Formwork 5200mm x 5200mm	1	EA
Area 100 Formwork 5200mm x 5200mm	1	EA
Area 100 Formwork Octagon, 8 X 1408mm	1	EA
Area 100 Formwork Octagon 8 X 2008mm	1	EA
Area 100 Formwork 4000mm x 4000mm	1	EA
Area 100 Formwork 4000mm x 4000mm	1	EA
Area 100 Formwork 4000mm x 4000mm	1	EA
Area 100 Formwork 4000mm x 4000mm	1	EA
Area 100 Formwork 4000mm x 4000mm	1	EA
Area 100 Formwork 2600mm x 2600mm	1	EA
Area 100 Formwork 2600mm x 2600mm	1	EA
Area 100 Formwork 2600mm x 2600mm	1	EA
Area 100 Formwork 2600mm x 2600mm	1	EA
Area 100 Formwork 4000mm X 4000mm	1	EA
Area 200 Formwork Type 1, 2100mm X 900mm	1	EA
Area 200 Formwork Type 2, 1700mm X 800mm	1	EA
Area 200 Formwork Type 1, 2100mm X 900mm	1	EA
Area 200 Formwork Type 2, 1700mm X 800mm	1	EA

Material Code Description	Quantity	UOM
Area 200 Formwork Type 1, 2100mm X 900mm	1	EA
Area 200 Formwork Type 2, 1700mm X 800mm	1	EA
Area 200 Formwork Type 1, 2100mm X 900mm	1	EA
Area 200 Formwork Type 2, 1700mm X 800mm	1	EA
Area 200 Formwork Type 1, 2100mm X 900mm	1	EA
Area 200 Formwork Octagon, 8 X 1822mm	1	EA
Area 200 Formwork 6000mm X 3900mm	1	EA
Area 200 Formwork 6000mm X 2600mm	1	EA
Area 200 Formwork 3200mm X 1200mm	1	EA
Area 200 Formwork 4400mm X 2700mm	1	EA
Area 200 Formwork 4400mm X 2200mm	1	EA
Area 200 Formwork 5700mm X 2650mm	1	EA
Area 200 Formwork 5700mm X 2650mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork Type 5, 3000mm X 2300mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork Type 6, 3000mm X 2300mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork Type 4, 3100mm X 1200mm	1	EA
Area 200 Formwork 3600mm X 1200mm	1	EA
Area 200 Formwork 7250mm X 2000mm	1	EA
Guardrail Post 6"x8'6"	1046	EA
Guardrail Post Wood Spacer Block 6" x 8" x 14"	684	EA
Corrugated Guardrail GALV 12" x 4" x 13'6"	178	EA
Corrugated Guardrail Curved GALV 12" x 4" x 13'6"	4	EA
Corrugated Guardrail End	3	EA
- 24INCH PIECES OF UNISTRUT	12	EA
2B-FE11101 UNKNOWN MATERIAL	1	EA
- SECURITY GATE TAG NO: 330-M024	2	EA
BLACK TANK SUPPLIER NESCO SERIAL NUMBER 011174 SERIAL NUMBER D-T-002	1	EA
30 KVA 480-208/120 VAC 3-PHASE 4-WIRE 60 HZ ALUMINUM WOUND DRY TYPE TRANSF	1	EA
BILTON-TES-SEPARATOR-D-V-001 60" X 20 FEET LONG	1	EA
FIELD VUE POSITIONERS MODEL NUMBER DVC6200 FISHER	2	EA
END SEAL KIT	5	EA
FAN MOTOR, SIEMENS, 3PH, 1PP9166-2LA91-ZT05, 24 HP (18.5 KW), 575V, 3560 RPM	2	EA
FAN MOTOR, SIEMENS, 3PH, 1PP9166-2LA91-ZT05, 24 HP (18.5 KW), 575V, 3560 RPM	2	EA
FAN MOTOR, SIEMENS, 3PH, 1PP9166-2LA91-ZT05, 24 HP (18.5 KW), 575V, 3560 RPM	2	EA
HVAC UNIT MAT#KGA102S4BM1Y Cat Code L0233	1	EA
- MISC JDE LINE ITEM - SEE JDE PO AND COMPLETE MRR PACKAGE FOR DETAILS	50	EA
FAN MOTOR, SIEMENS, 3PH, 1PP9166-2LA91-ZT05, 24 HP (18.5 KW), 575V, 3560 RPM	2	EA

Material Code Description	Quantity	UOM
FAN MOTOR, SIEMENS, 3PH, 1PP9166-2LA91-ZT05, 24 HP (18.5 KW), 575V, 3560 RPM	2	EA
SS WIRE SEAL	32	EA
GUARD RAIL	1	EA
ZEE PLASTICS 1750 GAL TANKS	4	EA
MOD STANDS	32	EA
NORWESCO SEPTIC TANKS QTY 4 7,755 LITER TANKS	4	EA
500 gallon tank	1	EA
LOT OF MISC TANKS BLACK, PLASTIC, CLEAR, ETC VARIOUS SIZES TOTAL 8 TANKS DAMAGED SLIGHTLY	8	EA
TANK ALERT PUMPS (PUMPS FOR TANKS)	5	EA
LIBERTY PUMPS (TANK PUMPS) MODEL NUMBER D3600LS6202-24A	6	EA
CONCRETE TANKS UNDERGROUND TANKS DAMAGED & USED MISC SHAPE AND SIZE	7	EA
6"/155mm x 20' SCH 40; Directional Boring Ridgid PVC Conduit	391	EA
- FILTER P/N SXA-40	2	EA
FAN MOTOR, SIEMENS, 3PH, 1PP9166-2LA91-ZT05, 24 HP (18.5 KW), 575V, 3560 RPM	2	EA
- V-PK-040, INSTRUMENT AIR COMPRESSOR PACKAGE IS TO BE LOCATED IN THE MCC BUI TAG NO: V-PK-040	2	EA
FIBRE-GLASS EXHAUST FANS TAG: X1-EF-PYY01-0014	1	EA
OPTICAL FLANGE ALIGNMENT TOOL FOR FLOWSICK 100	1	EA
KIT, HOUSING SPARE PART FOR TAG NO: 08800-5045-2033	1	EA
- 1" SAFETY CLIP	1	EA
EMPTY 40' HC CONTAINER	1	EA
- 200550-NCR-OPCL-P-0001-2 1/2" DRAIN BREATHERS	9	EA
- 6" SMITH-BLAIR JOINT TAG NO: 22393045	1	EA
- SECURITY GATE FOR TAG NO: 272-M008	1	EA
- GAS MONITOR, ULTIMA X, XP, CONFIGURED - TAG NO: 2B-AIT-02010	1	EA
GAS SAMPLERS TAG NO: 2B-ASC-53001	1	EA
- SPARE ELEMENTS FOR TAG NO: 2B-PK-130	32	EA
- SPARE FILTERS FOR TAG NO: 2B-PK-130	28	EA
- SS FLOAT, PART OF TAG NO: 2B-T-0005	1	EA
- SS FLOAT, PART OF TAG NO: 2B-T-0006	1	EA
RELATIVE PROBE ASSEMBLY TAG: 2B-VE-30432	1	EA
5600 ANTENNA MEG PHASE 2 SURPLUS FOR TAG NO: 2-LIT	1	EA
- 3/8 POLY STEM ADAPTER	23	EA
- 3/8 X1/4" POLY STEM ADAPTER	10	EA
3/4 OD X 0.049 WALL 304 SS WELDED (COILED) PART NO: 304L-T12-W-049-C-500	1000	FT
- SECURITY GATE DG27L TAG 460-M117	2	EA
- SECURITY GATE DG27R TAG 460-M118	2	EA
H2S Gas Detector 0-100PPM MSA MODEL ULTIMA XE SENSOR TAMB -40 TO +60 C	1	EA
Adaptor Bushing for the Genie Model 755 Probe	1	EA
LeL calibration Head and H2s	6	EA
CCH-RM12-91-P03KH	8	EA
6" FEMALE CAMLOCK X 4" MALE CAMLOCK	1	EA
2" DUST CAP	1	EA
Documentation for gas devices	1	BOX

Material Code Description	Quantity	UOM
FLASH RINGS	1	EA
FLASH RINGS	1	EA
FLASH RINGS	1	EA
2" DUST PLUG	3	EA
4" DUST PLUG	2	EA
4" DUST PLUG SS316	1	EA
MOUNTING KIT NAMUR 20X80MM INCLUDING ELOMATIC	2	EA
lifting lugs for 15 ton crane	6	EA
SOLMAX EXTRUSION ROD	16	EA
Modular Trailer Entry Handrail 44" x 44"	4	EA
Modular Trailer Stairs Handrail	7	EA
Modular Trailer Stairs 48" x 48"	1	EA
Stainless Steel Forming Panel 12" x 24'	4	EA
Stainless Steel Forming Panel 24" x 24'	32	EA
Stainless Steel Forming Panel 32" x 24'	4	EA
- I/O INTERFACE CARRIER 8WIDE - TAG # VE4050E1C0	1	EA
- I/O INTERFACE CARRIER 8WIDE W/ SHIELD BAR - TAG # VE4050S2K1C0	2	EA
PACKING, KIT, LIVE LOADED, GARLOCK, 9000-EVSP, 2.5STM.	1	EA
PACKING, KIT, LIVE LOADED, GARLOCK, 9000-EVSP, 2.5STM.	1	EA
39 X 30 X 1/8 MECH. PTFE RING GASKET TAG: 1432473-1	1	EA
3"X150# SPIRAL GASKET	1	EA
1"X150# SPIRAL GASKET	1	EA
3"X150# GARLOCK GASKET	1	EA
3"X300# GARLOCK GASKET	1	EA
4"X300# GARLOCK GASKET	2	EA
2"X150# GARLOCK GASKET	1	EA
1"X150# GARLOCK GASKET	1	EA
8" FEMALE NPT X MALE CAMLOCK ADAPTER R6925	1	EA
90M 4PS5DR 7/7.3 BUTT TEE	1	EA
81M 4IPS-7 BUTT 90D ELBOW	1	EA
81M 3IPS 7 BUTT TEE	1	EA
81M 4 IPS-7 BUTT TEE	1	EA
3IP 90 7.0 3408 BUTT 90D ELBOW	2	EA
8IM 3IPS-7 BUTT END CAP	8	EA
- 1/2 X 1/2 X 3/8" POLY REDUCING TEE	20	EA
- 1/2" THRD COUPLING 6M 316L	13	EA
6 300 RFWN XS FLANGE A105N ASME B16.5	7	EA
NPS: 10 WN FLG, CS A105N, CL150, RF, SCH 40, B16.5	1	EA
NPS: 10 WN FLG, CS A105N, CL150, RF, SCH 40, B16.5	3	EA
NPS: 6 WN FLG, CS A105N, CL150, RF, SCH 40, B16.5	2	EA
NPS: 6 WN FLG, CS A105N, CL150, RF, SCH 40, B16.5	6	EA
10 X 0 WN FLG, CS A105N, CL300, RF, SCH 40, B16.5	1	EA
10 X 0 WN FLG, CS A105N, CL300, RF, SCH 40, B16.5	1	EA
10 X 0 WN FLG, CS A105N, CL300, RF, SCH 40, B16.5	1	EA
NPS: 8" WN FLG, CS A105N, CL300, RF, SCH40, B16.5	4	EA

Material Code Description	Quantity	UOM
NPS: 12 WN FLANGE, SCH XS, RF, A105N, CLASS 300. PIPE CLASS BC	6	EA
WELD NECK FLANGE , CARBON STEEL PER ASTM A105N , CLASS 300 , RAISED FACE , SCHEDULE 80 , PER ASME B16.5	2	EA
WELD NECK FLANGE , CARBON STEEL PER ASTM A105N , CLASS 300 , RAISED FACE , SCHEDULE 80 , PER ASME B16.5	2	EA
WELD NECK FLANGE , CARBON STEEL PER ASTM A105N , CLASS 300 , RAISED FACE , SCHEDULE 80 , PER ASME B16.5	1	EA
NPS: 12" WN FLG, CS A105N, CL300, RF, STD, B16.5	1	EA
NPS: 12" WN FLG, CS A105N, CL300, RF, STD, B16.5	1	EA
NPS: 8" WN FLG, CS A105N, CL300, RF, STD, B16.5	1	EA
Size-12X0 WN FLG, CS A105N, CL300, RF, XS, B16.5	2	EA
FLG WN A105N RF CL300 XS B16.5	1	EA
NPS: 6" CL600, RFWN, A105N, SCH80, WELD NECK FLANGE, PER ASME B16.5	2	EA
NPS: 6 "CL600, RFWN, A105N, SCH80, WELD NECK FLANGE, PER ASME B16.5, PER NACE MR0175-2002	4	EA
FLG WN A105N RF CL600 XS B16.5	2	EA
FLG WN A105N RF CL600 XS B16.5	1	EA
NPS: 6" CL900, RFWN, A105N, SCH 80, WELD NECK FLANGE, PER ASME B16.5	1	EA
Size-6X0 WN FLG, CS A105N, CL150, RF, SCH 40, B16.5	1	EA
Size-10X0 BLIND FLG, A105N, RF, CL150, B16	1	EA
NPS: 12 BLIND FLG, CS A105N, CL150, RF, B16.5	3	EA
NPS 2" FLG RF BLIND CL150 ASME B16.5 A105N	1	EA
FLG BLD A105N RF CL150 B16.5	19	EA
Size-10X0 BLIND FLG, CS A105N, CL150, RF, B16.5, NACE MR0175-2002	1	EA
NPS: 12" CL300, A105N, RF BLIND FLANGE, RF - RAISED FACE FLANGE FACING, PER ASME B16.5	1	EA
FLG BLD A105N RF CL300 B16.5	1	EA
FLG BLD A105N RF CL 300 B16.5	1	EA
NPS: 20 FLG BLD A105N RF CL600 B16.5	1	EA
NPS: 6 FLG BLD A105N RF CL600 B16.5	1	EA
NPS: 6 FLG BLD A105N RF CL600 B16.5	1	EA
NPS: 6 FLG BLD A105N RF CL600 B16.5	7	EA
Size-18X0 BLIND FLG, CS A105N, CL900, RF, B16.5	1	EA
NPS: 4 BLIND FLG, CS A105N, CL900, RF, B16.5	4	EA
8" BLIND FLG, CS A105N, CL900, RF, B16.5	2	EA
Size-10X1 BLIND FLG, CS A105N, CL300, RF, B16.5, C/W ONE NPS 1 FNPT CENTRALLY TAPPED	4	EA
Size-16X1 BLIND FLG, CS A105N, CL300, RF, B16.5, C/W ONE NPS 1 FNPT CENTRALLY TAPPED	4	EA
2" FLG SW SCH 40, F304/304L SS	2	EA
8IM 3IPS-7 BUTT REDUCER 4"X3"	2	EA
8IM 3IP 7/73 FLANGE ADAPTER	1	EA
8IP 2IP 7/73 FLANGE ADAPTER	1	EA
- 12" 150 SPEC BLND A515-70N	3	EA
Size-16X0 WN FLG, LTCS A350-LF2 CL.1, CL150, RF, STD, B16.5	2	EA

Material Code Description	Quantity	UOM
NPS: 10 WN FLG, LTCS A350-LF2 CL.1, CL300, RF, SCH 40, B16.5	1	EA
Size-8X0 WN FLG, LTCS A350-LF2 CL.1, CL600, RF, SCH 80, B16.5	1	EA
Size-8X0 WN FLG, LTCS A350-LF2 CL.1, CL600, RF, SCH 80, B16.5	1	EA
1 x 4 XH SMLS STEEL NIPPLE A106 TBE TAG: 1428755-5	36	EA
- 4 STD X 2 XH SML CONC SA234 WPB .237 X .218WT 114.3X60.3MM MFG PART# 7782 1494718-01	1	EA
Size-2X0 HUB FLG, RTR-EPOXY D4024-RTR-112C, 150 PS1, FF X BELL, FIL WND, MFR STD/NSF61, B16.5/CL150 BOLT PATTERN	5	EA
Size-10X0 WN FLG, SS A182-F316/316L, CL150, RF, SCH 10S, B16.5	3	EA
Size-12X0 WN FLG, SS A182-F316/316L, CL150, RF, SCH 10S, B16.5	1	EA
Size-3X0 BLIND FLG, SS A182-F316/316L, CL150, RF, B16.5	1	EA
Size-0.75X0 BLIND FLG, SS A182-F316/316L, CL1500, RF, B16.5	4	EA
- 1X2.5" TBE NIPPLE SCH 160 316L	26	EA
6" RFWN CL600 SCH80 B16 GR359 CAT II	1	EA
NPS: 24 WN FLG, CS CSA Z245.12 SS GR359, CAT.II M29C, PN20 (CL150), RF, 7.9mm WT, NACE MR0175/ISO 15156-2A	2	EA
NPS: 24 WN FLG, CS CSA Z245.12 SS GR359, CAT.II M29C, PN20 (CL150), RF, 7.9mm WT, NACE MR0175/ISO 15156-2A	1	EA
NPS: 24 WN FLG, CS CSA Z245.12 SS GR359, CAT.II M29C, PN20 (CL150), RF, 7.9mm WT, NACE MR0175/ISO 15156-2A	2	EA
NPS: 24 WN FLG, CS CSA Z245.12 SS GR359, CAT.II M29C, PN20 (CL150), RF, 7.9mm WT, NACE MR0175/ISO 15156-2A	1	EA
NPS 6" FLG RFWN PN100 (CL600) CSA Z245.12 CS GR. 359 M45C CAT II 5.2mm WT	2	EA
NPS 6" FLG RFWN PN100 (CL600) CSA Z245.12 CS GR. 359 M45C CAT II 5.2mm WT	1	EA
NPS: 24 WN FLG, CS CSA Z245.12 SS GR359, CAT.II M29C, PN100 (CL600), RF, 15.9mm WT, NACE MR0175/ISO 15156-2A	1	EA
10 X 0 90 3D ELBOW, CS A234-WPB, SMLS/WLD 100% RT, BE, SCH 40, B16.9	2	EA
6 X 0 90 3D ELBOW, CS A234-WPB, SMLS/WLD 100% RT, BE, SCH 40, B16.9	2	EA
8 X 0 90 3D ELBOW, CS A234-WPB, SMLS/WLD 100% RT, BE, SCH 40, B16.9	1	EA
8 X 0 90 3D ELBOW, CS A234-WPB, SMLS/WLD 100% RT, BE, SCH 40, B16.9	3	EA
Size-16X0 90 DEGREE ELBOW, CS A234-WPB, SMLS, BBE, XS	1	EA
10 X 0 90 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 40, B16.9	2	EA
2 x 0 90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS S40	1	EA
2 x 0 90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS S40	16	EA
2 x 0 90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS S40	2	EA
90 ELL LR A234-WPB SMLS BE S40 B16.9	2	EA
4 x 0 90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS	1	EA
90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS , BEVELLED END(S) , SCHEDULE 40 , PER ASME B16.9	1	EA
90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS , BEVELLED END(S) , SCHEDULE 40 , PER ASME B16.9	3	EA
90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS , BEVELLED END(S) , SCHEDULE 40 , PER ASME B16.9	22	EA

Material Code Description	Quantity	UOM
90 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS , BEVELLED END(S) , SCHEDULE 40 , PER ASME B16.9	1	EA
8X0 90 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 60, B16.9	3	EA
1.5in 90 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 80, B16.9	2	EA
2in 90 DEGREE LR ELBOW CS ASTM A234 GRADE WPB SMLS	1	EA
NPS: 2 45 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 40, B16.9	2	EA
45 ELL LR A234-WPB SMLS BE S40 B16.9	16	EA
NPS: 8 45 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 40, B16.9	1	EA
NPS: 8 45 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 40, B16.9	4	EA
NPS: 2 45 DEGREE LR ELBOW , CARBON STEEL PER ASTM A234 GRADE WPB , SEAMLESS	5	EA
Size-8X0 45 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 80, B16.9	1	EA
45 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 160, B16.9	2	EA
45 LR ELBOW, CS A234-WPB, SMLS, BE, SCH 160, B16.9	1	EA
STR TEE A234-WPB SMLS BE S40 B16.9	5	EA
4 X 0 TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
6 x 0 TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
6 x 0 TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
6 x 0 TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
6 X 0 TEE, CS A234-WPB, SMLS, BE, SCH 80, B16.9/B31.3	1	EA
6 X 0 TEE, CS A234-WPB, SMLS, BE, SCH 80, B16.9/B31.3	2	EA
6 X 0 TEE, CS A234-WPB, SMLS, BE, SCH 80, B16.9/B31.3	3	EA
RED TEE A234-WPB SMLS BE S40 B16.9	2	EA
3 x 2 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
3 x 2 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
6 X 3 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	3	EA
6 X 3 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
RED TEE A234-WPB SMLS BE S40 B16.9	1	EA
RED TEE A234-WPB SMLS BE S40 B16.9	1	EA
NPS: 8 x 4 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
NPS: 8 x 4 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	1	EA
NPS: 8 x 4 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	2	EA
NPS: 8 x 4 RED TEE, CS A234-WPB, SMLS, BE, SCH 40, B16.9/B31.3	2	EA
8 X 6 RED TEE, CS A234-WPB, SMLS, BE, SCH 80, B16.9/B31.3	1	EA
8 X 6 RED TEE, CS A234-WPB, SMLS, BE, SCH 80, B16.9/B31.3	1	EA
3" CAP, CS A234-WPB, SMLS, BE, SCH 40, B16.9	2	EA
6 X 0 CAP, CS A234-WPB, SMLS, BE, SCH 40, B16.9	3	EA
6 X 0 CAP, CS A234-WPB, SMLS, BE, SCH 80, B16.9	2	EA
12 X 10 CONC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	1	EA
6 X 3 CONC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	2	EA
6 x 4 CONC RED CS ASTM A234 GRADE WPB SMLS SCH40 BE B16.9	2	EA
8 X 6 CONC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	1	EA
3 X 2 CONC REDUCER, CS A234-WPB, SMLS, TBE, XH	2	EA
6 X 4 CONC REDUCER, CS A234-WPB, SMLS, BE, SCH 80, B16.9	1	EA
CONC REDUCER, CS A234-WPB, SMLS, BE, SCH 160, B16.9	2	EA
CONC REDUCER, CS A234-WPB, SMLS, BE, SCH 160, B16.9	2	EA

Material Code Description	Quantity	UOM
NPS: 12 x 10 CONC REDUCER, CS A234-WPB, SMLS, BE, STD X SCH 40, LE/SE, B16.9	3	EA
NPS: 16 x 10 CONC REDUCER, CS A234-WPB, SMLS, BE, STD X SCH 40, LE/SE, B16.9	1	EA
10 X 6 ECC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	1	EA
16 X 12 ECC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	1	EA
6 x 4 ECC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	1	EA
6 x 4 ECC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	1	EA
8 x 4 ECC REDUCER, CS A234-WPB, SMLS, BE, SCH 40, B16.9	2	EA
6X3 ECC REDUCER, CS A234-WPB, SMLS, BE, SCH 40 X SCH 80, LE/SE, B16.9	2	EA
6X4 ECC REDUCER, CS A234-WPB, SMLS, BE, SCH 40 X SCH 80, LE/SE, B16.9	3	EA
90 ELL LR A420-WPL6 SMLS BE S160 B16.9	2	EA
90 ELL LR A420-WPL6 SMLS BE S160 B16.9	2	EA
TEE, LTCS A420-WPL6, SMLS, BE, SCH 80, B16.9/B31.3	1	EA
Size-10X4 RED TEE, LTCS A420-WPL6, SMLS, BBE, SCH 40	1	EA
12 X 8 CONC REDUCER, LTCS A420-WPL6, SMLS, BE, SCH 60, B16.9	2	EA
8 X 6 CONC REDUCER, LTCS A420-WPL6, SMLS, BE, SCH 60 X SCH 80, LE/SE, B16.9	4	EA
8 X 6 CONC REDUCER, LTCS A420-WPL6, SMLS, BE, SCH 60 X SCH 80, LE/SE, B16.9	2	EA
1" Elbow 90°, SW, 3000#, CS, A105	1	EA
Size-2X0 90 LR ELBOW, RTR-EPOXY D5685-RTRF-11F2E, 200 PSI, B&B TPR ADH JNT, FIL WND W/ LINER, MFR STD/NSF61	4	EA
4" X 3" REDUCING TEE , INCONEL 625 , ASTM B366 WPNCMC-S GR 1 , UNS N06625 ,	2	EA
Size-12X0 TEE, CS A234-WPB/A105N, SMLS, LJ FE CL150, SCH 20, B16.5/B16.9, PTFE LINED F1545	1	EA
Size-3X2 CONC REDUCER, ,SS 316 SMLS, SCH 40	1	EA
Size-6X0 CAP, SS A403-WP 316/316L-S, SMLS, BE, SCH 10S, B16.9	2	EA
45D ELBOW GR359 SCH20 CATII	3	EA
NPS 6" 45 LR ELBOW BE CSA Z245.11 CS GR. 359 M45C CAT II STD, PREP ENDS TO MATCH 5.2 mm WT	1	EA
STR TEE CSA Z245.11GR359 CAT.II M45C SMLS BE 5.2mm WT	2	EA
NPS 24 Test Bend, 5D 90 Degree, 7.9mm WT, Gr. 359, CAT I, SS CSA Z245.1	2	EA
Size-1X0 90 ELBOW, SS A182-F316/F316L, CL3000, SW, B16.11	1	EA
Size-2X0 CAP, SS304 , CL3000, FNPT, B16.11	1	EA
2" X 1" RED COUPLING, SA105N CL3000 FNPT	2	EA
3/4" SOCKOLET CL3000, F316/316L	3	EA
Size-2X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 80, SP-97	1	EA
Size-2X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160, SP-97	6	EA
Size-2X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 80,	1	EA
Size-2X0.75 CONC SWAGE, CS A234-WPB, SMLS, TOE X POE, SCH 160	2	EA
WELDOLET A105 SCH40 4"X12-14 SP-97	2	EA
3" MALE NPT X FEMALE CAMLOCK	2	EA
3" MALE NPT X FEMALE CAMLOCK	5	EA
1" SOLID ROUND PLUG, SW, A105N, NO THRD	5	EA
3/4" ROUND HEAD SOLID PLUG, CS A105N, MNPT, B16.11	16	EA
90 ELL A105N SW CL3000 B16.11	1	EA
NPS: 1 90 DEGREE ELBOW , CARBON STEEL PER ASTM A105N , SOCKET WELDED END(S)	2	EA
Size-2X0 90 ELBOW, CS A105N, CL3000, SW, B16.11	1	EA

Material Code Description	Quantity	UOM
Size-1X0 90 ELBOW, CS A105N, CL6000, SW, B16.11	9	EA
Size-1.5X0 90 ELBOW, CS A105N, CL3000, FNPT, B16.11	6	EA
Size-2X0 90 ELBOW, CS A105N, CL3000, FNPT, B16.11	1	EA
Size-2X0 90 ELBOW, CS A105N, CL3000, FNPT, B16.11	1	EA
Size-0.75X0 45 ELBOW, CS A105N, CL3000, FNPT, B16.11	12	EA
Size-1.5X0 45 ELBOW, CS A105N, CL3000, FNPT, B16.11	14	EA
1 1/4" TEE, CL3000, FNPT, GALVINIZED, A105N	1	EA
0.5X0 TEE, CS A105N, CL3000, FNPT, B16.11	1	EA
NPS: .75 TEE, CARBON STEEL PER ASTM A105N, FEMALE NATIONAL PIPE THREAD EN	26	EA
NPS: .75 TEE, CARBON STEEL PER ASTM A105N, FEMALE NATIONAL PIPE THREAD EN	153	EA
1X0 TEE, CS A105N, CL3000, FNPT, B16.11	1	EA
1X0 TEE, CS A105N, CL3000, FNPT, B16.11	1	EA
Size-0.75X0 TEE, CS A105N, CL6000, FNPT, B16.11	1	EA
Size-0.75X0.5 RED TEE, CS A105N, CL6000, FNPT, B16.11	1	EA
Size-2X0.5 RED TEE, CS A105N, CL3000, FNPT, B16.11	4	EA
Size-1.5X0.75 RED TEE, CS A105N, CL3000, FNPT, B16.11	2	EA
Size-0.75X0 CAP, CS A105N, CL3000, FNPT, B16.11	100	EA
Size-1X0 CAP, CS A105N, CL3000, FNPT, B16.11	3	EA
3/4" SOCKOLET 3/4" X 3-5" CL3000 SP-97	1	EA
Size-0.75X0 UNION, CS A105N, CL3000, SW, INT STL SEAT, SP-83	1	EA
Size-1X0 UNION, CS A105N, CL3000, FNPT, INT STL SEAT, SP-83	1	EA
1/4" THREADED COUPLING, CL3000 A105N	20	EA
Size-1X0 COUPLING, CS A105N, CL3000, SW, B16.11	1	EA
Size-1X0 COUPLING, CS A105N, CL3000, SW, B16.11	6	EA
6" COUPLING, A105N, CL3000, FNPT, B16.11	2	EA
Size-1X0 COUPLING, CS A105N, CL3000, FNPT, B16.11	26	EA
COUPLING, CS A105N, CL3000, FNPT, B16.11	3	EA
RED COUPLING, CS A105N, CL3000, FNPT, B16.11	1	EA
1/2" TO 3/8" RED COUPLING TBE, CL6000, A105N	50	EA
3/4" TO 3/8" RED COUPLING TBE, CL6000, A105N	25	EA
3/4" TO 1/2" RED COUPLING TBE, CL6000, A105N	84	EA
1" X 3/4" RED COUPLING, CS A105N CL3000 FNPT	3	EA
Size-0.5X0 HEX HEAD SOLID PLUG, CS A105N, MNPT, B16.11	125	EA
2" HEX HEAD SOLID PLUG, CS A105N, MNPT, B16.11	41	EA
PLUG, SOL HX HD A105N MNPT B16.11	21	EA
PLUG, SOL HX HD A105N MNPT B16.11	21	EA
PLUG, SOL HX HD A105N MNPT B16.11	37	EA
PLUG, SOL HX HD A105N MNPT B16.11	13	EA
3/4" SOCKOLET 3/4" X 2 1/2" - 2" CL3000, A105N	5	EA
3/4" SOCKOLET 3/4 X 3 1/2-24 CL6000 A105N	6	EA
1 1/2 SOCKOLET 1 1/2 X 8-24 CL6000 A105N	4	EA
3/4" SOCKOLET 3/4" X 6"-12" CL3000, SP-97, SW, A105N	2	EA
1" SOCKOLET 1 X 12-36 CL3000 A105N	1	EA
1/2" SOCKOLET 1/2" 3"-8" CL3000 SP-97 SW SA105N	42	EA
1/2" SOCKOLET, CL3000, A150N, CHS 2 1/2 TO 1 1/4	13	EA

Material Code Description	Quantity	UOM
3/4" SOCKOLET 3/4" X 1 1/2-36 CL3000 SA105N	5	EA
3/4" SOCKOLET 3/4" X 1 1/2-36 CL3000 SA105N	3	EA
3/4" SOCKOLET 3/4" X 12"-6" CL3000 A105N	2	EA
Size-3X1.5 SOCKOLET, CS A105N, CL3000, SW, HDR/BRN, SP-97, CHS 3" to 5"	4	EA
NPS: 10 x 1 SOCKOLET, CS A105N, CL3000, SW, HDR/BRN, SP-97, CHS 3" to 36"	2	EA
Size-6X1.5 SOCKOLET, CS A105N, CL3000, SW, HDR/BRN, SP-97, CHS 6" to 36"	2	EA
SOCKOLET, CS A105N, CL6000, SW, HDR/BRN, 1.25 to 36, SP-97	8	EA
SOCKOLET, CS A105N, CL6000, SW, HDR/BRN, 1.25 to 2.5, SP-97	1	EA
SOCKOLET, CS A105N, CL6000, SW, HDR/BRN, 1.5 to 36, SP-97	1	EA
SOCKOLET, CS A105N, CL6000, SW, HDR/BRN, 1.5 to 36, SP-97	1	EA
SOCKOLET, CS A105N, CL6000, SW, HDR/BRN, CHS 6 to 36, SP-97	1	EA
SOCKOLET, CS A105N, CL6000, SW, HDR/BRN, CHS 6 to 36, SP-97	1	EA
3/4" THREDOLET, CL3000, A105N CHS 14" TO 36"	50	EA
1" THREDOLET 1" X 1 1/4"-2 1/2" CL3000 SP-97 SA105N	5	EA
3/4" THREDOLET 3/4"X3"-5" CL3000 ,FNPT	2	EA
3/4" THREDOLET 3/4" X 2"-2 1/2" CL3000 FNPT A105N	30	EA
3/4" FLAT THREDOLET CL3000, A105N	47	EA
2" WELDOLET 2X8-36, SCH 40, SA105N	1	EA
3" X 16" WELDOLET, A105N, SCH 40 SP-97	2	EA
2" WELDOLET 2X3-1/2-6, SCH 80, SA105N	1	EA
2" WELDOLET 2X8-36. SCH 80, SA105N	1	EA
2" WELDOLET 2X8-12 SP-97, SCH 80, A105N	2	EA
NPS: 10 x 3 WELDOLET, CS A105N, SCH 40, BE, HDR/BRN, SP-97, CHS 8" to 14"	1	EA
Size-8X3 WELDOLET, CS A105N, SCH 40, BE, HDR/BRN, SP-97, CHS 8" to 14"	1	EA
NPS: 8 x 2 WELDOLET, CS A105N, SCH 40, BE, HDR/BRN, SP-97, CHS 8" to 36"	5	EA
Size-36X3 WELDOLET, CS A105N, SCH 40, BE, HDR/BRN, SP-97, CHS 16" to 36"	1	EA
4" WELDOLET 4X24 SCH40/80/100 SP-97	2	EA
2" WELDOLET 2X5-6 SP-97 SCH 80 A105N	1	EA
3" X 14"- 36" WELDOLET, A105N, SCH 80 SP-97	2	EA
Size-16X2 WELDOLET, CS A105N, SCH 80, BE, HDR/BRN, SP-97, CHS 8" to 36"	1	EA
Size-8X2 WELDOLET, CS A105N, SCH 80, BE, HDR/BRN,CHS 8" to 10"	1	EA
Size-8X2 WELDOLET, CS A105N, SCH 80, BE, HDR/BRN,CHS 8" to 10"	1	EA
Size-12X4 WELDOLET, CS A105N, SCH 80, BE, HDR/BRN, SP-97, CHS 12" to 20"	2	EA
2" WELDOLET 2X8-36 SP-97 SCH 160 A105N	1	EA
3/4" THREDOLET 3/4" X 1"-36" CL3000 SP-97, FNPT	4	EA
3/4" THREDOLET 3/4" X 12-6 CL3000 SP-97 FNPT	1	EA
3/4" THREDOLET 3/4" X 4-36 CL3000 SP-97 FNPT	1	EA
3/4" THREDOLET 3/4" X 6" CL3000 SP-97, FNPT	1	EA
3/4" THREDOLET 3/4" X 1 1/2"-36" CL3000 FNPT SP-97	1	EA
HEX HEAD SOLID PLUG LONG WPB MNPT	4	EA
Size-0.75X0.5 CONC SWAGE, CS A234-WPB, SMLS, PBE, SCH 160, SP-95	3	EA
NPS: 1.5 X 1 CONCENTRIC SWAGED NIPPLE , CARBON STEEL PER ASTM A234 GRADE WP	1	EA
Size-1X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 80, SP-95	1	EA
Size-1.25X1 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160, SP-95	9	EA
Size-1.5X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160, SP-95	4	EA

Material Code Description	Quantity	UOM
Size-1.5X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160, SP-95	4	EA
Size-1.5X1 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160, SP-95	1	EA
Size-1.5X1 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160, SP-95	8	EA
Size-2X1 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160	5	EA
2" X 1" CONC SWAGE, CS A234-WPB, SMLS, BLE X PSE, SCH 40 X SCH 160, LE/SE, SP-95	2	EA
NPS: 2 x 1.5 CONC SWAGE, CS A234-WPB, SMLS, BLE X PSE, SCH 40 X SCH 160, LE/SE, SP-95	1	EA
Size-2X0.5 CONC SWAGE, CS A234-WPB, SMLS, BLE X PSE, SCH 80 X SCH XXS, LE/SE, SP-95	1	EA
2" X 3/4" CONC SWAGE, CS A234-WPB, SMLS, PBE, SCH 80 X XXS	1	EA
Size-2 x .75 CONC SWAGE, CS A234-WPB, SMLS, BLE x TSE SCH 40 X SCH 160	7	EA
Size-2X1.5 CONC SWAGE, CS A234-WPB, SMLS, BLE X TSE, SCH 80 X SCH 160, LE/SE, SP-95	7	EA
Size-0.75X0.375 CONC SWAGE, CS A234-WPB, SMLS, PLE X TSE, SCH 160, SP-95	6	EA
Size-0.75X0.5 CONC SWAGE, CS A234-WPB, SMLS, PLE X TSE, SCH 160, SP-95	60	EA
Size-1X0.375 CONC SWAGE, CS A234-WPB, SMLS, POE X TOE, SCH 160, SP-95	3	EA
3/4" X 3/8" CONC SWAGE, CS WPB, SMLS, PLE X TSE, SCH 160	1	EA
SIZE 1"X0.25" CONC SWAGE CS A234-WPB, SMLS, TDEXPOE, SCH160	1	EA
Size-1X0.75 ECC SWAGE, CS A234-WPB, SMLS, PBE, SCH 160, SP-95	1	EA
Size-1.5X1 ECC SWAGE, CS A234-WPB, SMLS, TBE, SCH 160, SP-95	1	EA
Size-2X0.75 ECC SWAGE, CS A234-WPB, SMLS, BLE X PSE, SCH 40 X SCH 160, LE/SE, SP-95	3	EA
Size-2X1 ECC SWAGE, CS A234-WPB, SMLS, BLE X PSE, SCH 40 X SCH 160, LE/SE, SP-95	5	EA
Size-2X0.75 ECC SWAGE, CS A234-WPB, SMLS, BLE X PSE, SCH 80 X SCH 160, LE/SE, SP-95	2	EA
Size-2X0.75 ECC SWAGE, CS A234-WPB, SMLS, BLE X TSE, SCH 40 X SCH 160, LE/SE, SP-95	1	EA
Size-0.5X0.125 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 80, SP-95	1	EA
Size-1.5X0.5 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 80, SP-95, HD GALVANIZED	5	EA
Size-1.5X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 80, SP-95, HD GALVANIZED	2	EA
Size-2X0.75 CONC SWAGE, CS A234-WPB, SMLS, TBE, SCH 80, SP-95, HD GALVANIZED	6	EA
Size-2X1 CONC SWAGE, GALVANIZED A234-WPB, SMLS, BLE X TSE, SCH 40 X SCH 160, LE/SE, SP-95	1	EA
Size-0.75X0 90 ELBOW, CS A105N, CL3000, FNPT, B16.11, GALVANIZED	10	EA
NPS: 2 90 ELBOW, CS A105N, CL3000, FNPT, B16.11, GALVANIZED	4	EA
NPS: 2 45 DEGREE ELBOW , CARBON STEEL PER ASTM A105N , FEMALE NATIONAL PIPE THREAD END(S) , CLASS 3000 , PER ASME B16.11 , HOT DIPPED GALVANIZED	2	EA
Size-0.75X0 TEE, CS A105N, CL3000, FNPT, B16.11, GALVANIZED	2	EA
TEE A105N FNPT CL3000 B16.11 GALV	3	EA
RED TEE, CS A105N, CL3000, FNPT, B16.11, HD GALVANIZED	2	EA
Size-0.75X0 UNION, CS A105N, CL3000, FNPT, INT STL SEAT, SP-83, GALVANIZED	1	EA
Size-0.75X0 COUPLING, CS A105N, CL3000, FNPT, B16.11, GALVANIZED	1	EA
Size-1X0 COUPLING, CS A105N, CL3000, FNPT, B16.11, GALVANIZED	2	EA
NPS: 2 COUPLING, CS A105N, CL3000, FNPT, B16.11, GALVANIZED	73	EA
* COUPLING, CS A105N, CL3000, FNPT, B16.11, GALVANIZED	1	EA

Material Code Description	Quantity	UOM
1.5" x 1" RED Coupling A105N CL3000 TBE GALV	1	EA
1" SOCKOLET 1" X 3-3 1/2 CL3000 SP-97 SW SA105N	1	EA
PLUG, SOL HX HD A105N MNPT B16.11 GALV	20	EA
3/4" SOCKOLET 3/4" X 1-36 CL3000 SA105N	1	EA
1 1/2" SOCKOLET 1 1/2 X 14-24" CL3000 SA105N	8	EA
3/4" SOCKOLET 3/4" X 3-5 CL3000 SA105N	2	EA
3/4" SOCKOLET 3/4" X 3-5 CL3000 SA105N	5	EA
3/4" SOCKOLET 3/4" X 1 1/4-36 CL6000 SA105N	11	EA
1" SOCKOLET 1" X 12-36 CL3000 SW SA105N	1	EA
1 1/2" SOCKOLET 1 1/2 X 14-24 CL3000 SW	2	EA
1" SOCKOLET 1" X 2-36 CL3000 SP-97 SW SA105N	6	EA
1" SOCKOLET 1" X 6-10 CL3000 SP-97 SW SA105N	3	EA
1" SOCKOLET 1" X 6-36 CL3000 SW SA105N	1	EA
1" SOCKOLET 1" X 2-36 CL6000 SW SA105N	1	EA
1" THREDOLET 1" X 2-36 CL3000 SP-97 SA105N	2	EA
3" WELDOLET 3" X 8-10 SCH 40 SA105N	2	EA
2" SOCKOLET 2X20 SCH 40 SP-97 A105N	1	EA
2" WELDOLET 2X20-36 SP-97 SCH 40 A105N	1	EA
2" WELDOLET 2X8-10 XP-97 SCH 40 A105N	1	EA
2" WELDOLET 2X12 SP-97 SCH 40 A105N	3	EA
2" WELDOLET 2X6 SP-97 SCH 40 A105N	3	EA
2" WELDOLET 2X8 SCH 40/80 SP-97 A105N	2	EA
3" WELDOLET 3" X16 SP-97 SCH 40 SA105N	1	EA
2" WELDOLET 2" X 14-36 SCH 80 SA105N	4	EA
2" WELDOLET 2X8-10 SP-97 SCH 80 A105N	2	EA
2" WELDOLET 2X8-12 SCH 40 SP-97 A105N	4	EA
2" WELDOLET 2X36 SCH 80 SP-97 A105N	5	EA
3" WELDOLET 3X8 SP-97 SCH80 SA105N	2	EA
2" WELDOLET 2X20-36 SP-97 SCH 160 A105N	4	EA
2" WELDOLET 2X6-4 SCH 160 SP-97 105N	1	EA
2" WELDOLET 2X8-36 SCH 160 SP-97 A105N	9	EA
Size-0.75X0.5 RED TEE, LTCS A350-LF2 CL.1, CL3000, SW, B16.11	32	EA
2X1 REDUCING COUPLING TBE CL6000 A350-LF2 GALVANIZED	1	EA
Size-1.5X0.5 CONC SWAGE, LTCS A420-WPL6, SMLS, PBE, SCH 160, SP-95	26	EA
Size-1X0.75 CONC SWAGE, LTCS A420-WPL6, SMLS, PBE, SCH 160, SP-95	1	EA
2X1 CONC SWAGE, TBE, WPL6, SCH80	2	EA
Size-2X1 ECC SWAGE, LTCS A420-WPL6, SMLS, BLE X PSE, SCH 40 X SCH 160, LE/SE, SP-95	1	EA
Size-1X0.5 CONC SWAGE, 304SS, SMLS, PBE, SCH 40	1	EA
Size-1X0.75 CONC SWAGE SMLS, PBE, SCH 40	1	EA
Size-1X0 CAP, SS-316, CL3000, FNPT, B16.11	1	EA
Size-2X0 CAP, SS-316, CL3000, FNPT, B16.11	1	EA
1" COUPLING, SS A182-F316/316L, CL3000, SW, B16.11	3	EA
Size-0.75X0 COUPLING, SS 316/316L, CL6000	2	EA
- 1 1/4" THRD COUPLING 6M 316L	20	EA

Material Code Description	Quantity	UOM
- 1 1/2" THRD COUPLING 6M 316L	14	EA
- 1" THRD COUPLING 6M 316L	27	EA
- 2" THRD COUPLING 6M 316L	17	EA
Size-0.75X0 HEX HEAD SOLID PLUG, SS A182-F316/316L, PE, B16.11	1	EA
Size-0.75X0.5 CONC SWAGE, SS A403-WP 316/316L-S, SMLS, PBE, SCH 80S, SP-95	1	EA
Size-2X1 CONC SWAGE, SS 316/316L-S, SMLS, BOE X POE, SCH 40	1	EA
Size-2X1.5 CONC SWAGE, SS A403-WP 316/316L-S, SMLS, BLE X PSE, SCH 40S X SCH 80S, LE/SE, SP-95	1	EA
- 4" CAP SCH 40 WPB	1	EA
2.5" NIPPLE SCH 40, 304L, TBE 10" LONG	2	EA
2.5" NIPPLE SCH 40, 304L, TBE 12" LONG	2	EA
2.5" NIPPLE SCH 40, 304L, TBE 8" LONG	2	EA
2.5 X CLOSE NIPPLE	2	EA
2.5" NIPPLE SCH 40, 304L, TBE 4" LONG	2	EA
Size-0.25x4, Nipple, CS A106-B, SMLS, TBE, SCH 80, 4" LG	200	EA
1" NIPPLE, CS A106-B, SMLS, PBE, SCH 160, B36.10M, 4" LG	3	EA
1" NIPPLE, CS A106-B, SMLS, PBE, SCH 160, B36.10M, 4" LG	2	EA
2" NIPPLE, CS A106-B, SMLS, TBE SCH 80, B36.10M, 4" LG	2	EA
Size-1.5X0 NIPPLE, CS A106-B, SMLS, TBE, SCH 160, B36.10M, 4" LG	3	EA
NIPP A106-B SMLS TBE S160 4" LG B36.10M	1	EA
Size-0.75X0 NIPP CSA106-B SMLS POE X TOE S80 4" LG	1	EA
Size-0.5X0 NIPPLE, CS A106-B, SMLS, POE X TOE, SCH 160, B36.10M, 4" LG	17	EA
Size-1X0 NIPPLE, CS A106-B, SMLS, POE X TOE, SCH 160, B36.10M, 4" LG	57	EA
0.75" NIPPLE, CS A106-B, SMLS, POE X TOE, XXS, B36.10M, 4" LG	2	EA
Size-0.75X0 NIPPLE, CS A106-B, SMLS, POE X TOE, XXS, B36.10M, 4" LG, NACE MR0175-2002	1	EA
Size-0.75X0 NIPPLE, CS A106-B, SMLS, PBE, SCH 160, B36.10M, 5" LG	2	EA
Size-1.5X0 NIPPLE, CS A106-B, SMLS, PBE, SCH 160, B36.10M, 6" LG	1	EA
Size-1X0 NIPPLE, CS A106-B, SMLS, PBE, SCH 160, B36.10M, 6" LG	10	EA
Size-2X0 NIPPLE, CS A106-B, SMLS, TBE SCH 80, B36.10M, 7.25" LG	2	EA
NIPPLE, CS A106-B, SMLS, BOE (SCH 80) X TOE (SCH 160), B36.10M, 6" LG, TAPER BORE BEVEL END	5	EA
4" MALE NPT X FEMALE CAM ADAPTER PT	2	EA
Size-0.75X0 NIPPLE, CS A106-B/A53-B, SMLS/ERW, TBE, SCH 80, B36.10M, 4" LG, GALVANIZED	14	EA
Size-1X0 NIPPLE, CS A106-B/A53-B, SMLS/ERW, TBE, SCH 80, B36.10M, 4" LG, GALVANIZED	3	EA
Size-2X0 NIPPLE, CS A106-B, SMLS, TBE, SCH 80, B36.10M, 5.5" LG GALVANIZED	1	EA
Size-0.5X0 NIPPLE, LTCS A333-6, SMLS, PBE, SCH 160, B36.10M, 4" LG	8	EA
Size-0.75X0 NIPPLE, ALLOY 400 B165-N04400, ANNEALED, SMLS, PBE, SCH 80S, B36.19M, 4" LG	1	EA
2" NIPPLE, SS A312-TP316/316L, SMLS, TBE, 3 1/2" LONG	10	EA
1" NIPPLE, SS A312-TP316/316L, SMLS, TBE, SCH 160, 2 1/2" LONG	2	EA
Size-0.75X0 NIPPLE, SS316 PBE, SCH 80, 4" LG	2	EA
- 1 1/4"X3 TBE NIPPLE SH160 316L	9	EA

Material Code Description	Quantity	UOM
- 1X3" TOE NIPPLE SCH 40 316L	1	EA
- 1 1/2"X3 TBE NIPPLE SH160 316L	9	EA
Size-1X0 NIPPLE, SS A312-TP316/316L, SMLS, POE X TOE, SCH 160, B36.19M, 4" LG	3	EA
0.75X0 FIG-8 BLANK, CS A516-70N, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK	6	EA
FIG-8 BLANK A516-70N RF CL150 B16.48	8	EA
FIG-8 BLANK A516-70N RF CL150 B16.48	1	EA
10X0 FIG-8 BLANK, CS A516-70N, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK, NACE MR0175-2002	2	EA
FIG-8 BLANK A516-70N RF CL300 B16.48	1	EA
NPS: 6 FIG-8 BLANK, CS A516-70N, CL600, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-20X0 PADDLE BLANK, CS A516-70N, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK	2	EA
Size-20X0 PADDLE BLANK, CS A516-70N, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK	3	EA
Size-24X0 PADDLE BLANK, CS A516-70N, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK	5	EA
8" CL300, SPACER RING W/PADDLE BLANK, SET, SA516 70 N B16	1	EA
PADDLE BLANK, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE BLANK, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	2	EA
PADDLE BLANK, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE BLANK, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	2	EA
16" PADDLE BLANK, CS A516-70N, CL600, RF, B16.48/PRJ STD, W/O ADD RAISED THK	2	EA
Size-12X0 PADDLE BLANK, CS A516-70N, CL900, RF, B16.48/PRJ STD, W/O ADD RAISED THK	2	EA
Size-12X0 PADDLE BLANK, CS A516-70N, CL900, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-12X0 PADDLE BLANK, CS A516-70N, CL900, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-16X0 PADDLE BLANK, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	4	EA
Size-16X0 PADDLE BLANK, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-16X0 PADDLE BLANK, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-18X0 PADDLE BLANK, CS A516-70N, CL900, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-16X0 PADDLE BLANK, CS A516-70N, CL1500, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-30X0 PADDLE BLANK, CS A516-70N, CL300, RF, B16.47-A/PRJ STD, W/O ADD RAISED THK	2	EA
Size-36X0 PADDLE BLANK, CS A516-70N, CL300, RF, B16.47-A/PRJ STD, W/O ADD RAISED THK	2	EA
Size-16X0 PADDLE SPACER, CS A516-70N, CL300, RF, B16.47-A/PRJ STD, W/O ADD RAISED THK	16	EA
Size-20X0 PADDLE SPACER, CS A516-70N, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK	2	EA

Material Code Description	Quantity	UOM
Size-16X0 PADDLE SPACER, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-20X0 PADDLE SPACER, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE SPACER, CS A516-70N, CL900, RF, B16.48/PRJ STD, W/O ADD RAISED THK	5	EA
Size-18X0 PADDLE SPACER, CS A516-70N, CL900, RF, B16.48/PRJ STD, W/O ADD RAISED THK	3	EA
24" PADDLE BLANK and SPACER SET, CS A516-70N, CL300, RF, B16.48/PRJ STD, W/O ADD RAISED THK, NACE MR0175/ISO 15156-2A	1	EA
PADDLE BLANK and SPACER SET, CS A516-70N, CL600, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE BLANK and SPACER SET, CS A516-70N, CL600, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE BLANK and SPACER SET, CS A516-70N, CL600, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE BLANK and SPACER SET, CS A516-70N, CL600, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE BLANK and SPACER SET, CS A516-70N, CL600, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
NPS: 20 PADDLE BLANK AND SPACER SET CS A516-70N	1	EA
NPS: 20 PADDLE BLANK AND SPACER SET CS A516-70N	1	EA
NPS: 20 PADDLE BLANK AND SPACER SET CS A516-70N	1	EA
20" PADDLE BLANK AND SPACER SET CS A516 GRADE 70N CL600	6	EA
24" PADDLE BLANK AND SPACER SET, CARBON STEEL PER ASTM A516 GRADE 70N, CL	3	EA
Size-3X0 NPS: 3 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG GATE VALVE, DRW-STRG, UV STABLIZED, C/W VIEW PT & PH INDICATOR	1	EA
Size-2X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG CHECK VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	1	EA
Size-1X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG BALL VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	2	EA
Size-2X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG BALL VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	3	EA
Size-3X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG BALL VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	5	EA
Size-12X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG PLUG VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	1	EA
Size-6X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG PLUG VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	2	EA
Size-2X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL300 FLG CONTROL VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	1	EA
Size-4X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL300 FLG PLUG VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	1	EA
Size-6X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL300 FLG CONTROL VALVE, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	2	EA
Size-1X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	64	EA

Material Code Description	Quantity	UOM
Size-12X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	7	EA
Size-2X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	82	EA
Size-3X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	61	EA
Size-4X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	6	EA
TFLG-06150 6" SPRAY SHIELD EA CTD FGLS FOR ANSI CL150 FLG DR.	142	EA
TFLG-06150 6" SPRAY SHIELD EA CTD FGLS FOR ANSI CL150 FLG DR.	3	EA
Size-1.5X0 NPS: 1.5 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL150 FLG, DRW-STRG, UV STABLIZED, C/W VIEW PT & PH INDICATOR	3	EA
TFLG-04150 4" SPRAY SHIELD EA CTD FGLS FOR ANSI CL150 FLG DR.	4	EA
Size-2X0 SPRAY SHIELD, TFE CTD FGLS, FOR ANSI CL300 FLG, DRW-STRG, VIEW PT, UV STABLIZED, PH INDICATOR	3	EA
Spectacle Blind, RF CL150 B16.48 NACE MR0175-2002, A182-F316	1	EA
Size-10X0 FIG-8 BLANK, SS A240-316/316L, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
Size-8X0 FIG-8 BLANK, SS A240-316/316L, CL150, RF, B16.48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE BLANK, SS A240-316/316L, CL 150, RF, B16, 48/PRJ STD, W/O ADD RAISED THK	1	EA
PADDLE SPACER, SS A240-316/316L, CL 150, RF, B16.48, W/O ADD RAISED THK	1	EA
6" Blind Flange, 150#, A105N, PTFE CS	1	EA
SPRAY SHEILD CL150 FOR PTFE	6	EA
3" IPS COUPLER	3	EA
4" FEMALE NPT X FEMALE CAMLOCK ADAPTER SS316	2	EA
NDF GUIDE FOR INSULATED LINE - STD DWG G03 TAG NO: G-3-3	1	EA
NDF GUIDE FOR BASE TRUNNIONS TYPE C - STD DWG G07 TAG NO: G-7C-1	1	EA
- HEX LONG NIPPLE TAG NO: HC-4-HLN-3.00	2	EA
- 1/4" PIPE PLUG HASTALLOY	2	EA
2", 1/4" NPT BCK	12	EA
FLANGE SPECTACLE BLIND I 3 IN CLASS 900 RAISED FACE A516 70 CARBON STEEL ASME B16.48 FIGURE 8	1	EA
STEM PROTECTOR	1	EA
3/8" PTFE 90 ELBOW	20	EA
1/2" TO 3/8" PTFE REDUCING 90 ELBOW	19	EA
SCH80 WPB 90 DEGREE ELBOW	2	EA
1/4" X 3" LONG HEX NIPPLE	91	EA
3 PORT 3/8" UNION TEE	19	EA
-STEEL YOLK COVER	2	EA
ZZ-SP-03027 24" ASTM 333 GR6 SMLS PIPE_X00D_ZZ-SP-03027 24" A420 GR. WPL6 TEE	6	M
Pipe Spool AH-S-0117-01	1	EA
CORRUGATED STEEL BOX CULVERT; BOTTOM SPAN 5185MM; INSIDE RISE 3175MM; CORRUGATION PROFILE 381MM X 140MM.	14,55	M

Material Code Description	Quantity	UOM
CORRUGATED STEEL BOX CULVERT; BOTTOM SPAN 5029MM; INSIDE RISE 2444MM; CORRUGATION PROFILE 381MM X 140MM.	22,86	M
Hinged Expansion Joint 1-SP-405006 as per DS-CL01-L-400-SP405006	1	EA
ASSEMBLY TOOL FOR 2B-FV-26602	1	EA
ASSEMBLY TOOL FOR 2B-LV-26601	1	EA
2B-SH-1P119-01_0_0	1	EA
2B-SH-1V1001-01_0_0	1	EA
SPECIALTY ITEM	1	EA
- VALVE CHAIN OPERATORS 2B-SP-13431 TAG NO: 2B-SP-13431	1	EA
- VALVE CHAIN OPERATORS 2B-SP-13432 TAG NO: 2B-SP-13432	1	EA
- VALVE CHAIN OPERATORS 2B-SP-13434 TAG NO: 2B-SP-13434	1	EA
- INJECTION QUILLS TAG NO: 2B-SP-20110	1	EA
Hinged Expansion Joint 2B-SP-20581	1	EA
- TRUCK CONNECTIONS TAG NO: 2B-SP-22906	1	EA
- HOSE CONNECTOR TAG NO: 2B-SP-23102	2	EA
- HOSE CONNECTOR TAG NO: 2B-SP-23104	2	EA
- EXPANSION JOINTS TAG NO: 2B-SP-30575	2	EA
- TRUCK CONNECTIONS TAG NO: 2B-SP-32902	1	EA
- SEE DATA SHEET 085354-4142-03SP001 TAG NO: 2B-SP-50305	2	EA
6" CL150 replacement ring or spacer ring Tag 2b-sp-50403 SS 316	2	EA
- STEAM TRAPS TAG NO: 2B-SP-51301	3	EA
- AUTOMATIC AIR VENTS TAG NO: 2B-SP-51701	2	EA
- HOSE CONNECTOR TAG NO: 2B-SP-53101	33	EA
- HOSE CONNECTOR TAG NO: 2B-SP-53102	8	EA
- HOSE CONNECTOR TAG NO: 2B-SP-53103	5	EA
- AS12-CPV-02 1/2" NPT BIFOLD CYLINDER PLUG VALVE (SPEED CONTROL) CV 5.1 PRESS 0-174 PSI TEMP - 60C - 40C FOR TAG NO: 2B-XV-S01 00-001	1	EA
- AS12-CPV-02 1/2" NPT BIFOLD CYLINDER PLUG VALVE (SPEED CONTROL) CV 5.1 PRESS 0-174 PSI TEMP - 60C - 40C FOR TAG NO: 2B-XV-S01 00-002	1	EA
- PRESSURE SELF ACTING CONTROL VALVE PHASE 2 TAG NO: 2-PCV-341301	1	EA
- PRESSURE SELF ACTING CONTROL VALVE PHASE 2 TAG NO: 2-PCV-342511	1	EA
- PRESSURE SELF ACTING CONTROL VALVE PHASE 2 TAG NO: 2-PCV-342521	1	EA
- PRESSURE SELF ACTING CONTROL VALVE PHASE 2 TAG NO: 2-PCV-342531	1	EA
- PRESSURE SELF ACTING CONTROL VALVE PHASE 2 TAG NO: 2-PCV-342541	1	EA
- PRESSURE SELF ACTING CONTROL VALVE PHASE 2 TAG NO: 2-PCV-342551	1	EA
- 10" CONC STRAINERS TAG NO: 2-SP-056	1	EA
- 16" CONC STRAINERS TAG NO: 2-SP-058	7	EA
- 16" 150 SPACER RINGS FOR TAG NO: 2-SP-058	4	EA
- 2-SP-25007, PROTEGO FLAME ARRESTER, FA-I-300/150-IIA-P1,5-X3(6")	1	EA
Hinged Expansion Joint 2-SP-405005 as per datasheet DS-CL02-L-400-SP405005	1	EA
- 2-SP-416 2" 150# Injection Quill	1	EA
- FLEX CONNECTORS TAG NO: 2-SP-532	2	EA
ZEBRA CONSUMABLE 5555 WAX/RESIN RIBBON 4.3" CASE OF 48	6	BOX
4"x2" ORANGE LABEL	80	ROLL

Material Code Description	Quantity	UOM
12" Inline Static Mixer x 72" Long Model; No 12 XS 72 300 RFWN A 105 02 30 316 PR; Sersial Nos. 14-5950-01A/B; CRN: 0H10529.2	2	EA
49880-5-FILTERS	120	EA
8-SP-80461	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
Orifice Flange-HISTORICAL DATA	1	EA
4 CAT 520 ORIFICE PLATE 600 ASA 316SS 0.25" THICK BORED 3.826" NO BEVEL TAG NO. C-FE-N0121	1	EA
4 CAT 520 ORIFICE PLATE 600 ASA 316SS 0.25" THICK BORED 3.826" NO BEVEL TAG NO. C-FE-N0221	1	EA
4 CAT 520 ORIFICE PLATE 600 ASA 316SS 0.25" THICK BORED 3.826" NO BEVEL TAG NO. C-FE-N0321	1	EA
4 CAT 520 ORIFICE PLATE 600 ASA 316SS 0.25" THICK BORED 3.826" NO BEVEL TAG NO. C-FE-N0421	1	EA
4 CAT 520 ORIFICE PLATE 600 ASA 316SS 0.25" THICK BORED 3.826" NO BEVEL TAG NO. C-FE-N0521	1	EA
4 CAT 520 ORIFICE PLATE 600 ASA 316SS 0.25" THICK BORED 3.826" NO BEVEL TAG NO. C-FE-N0621	1	EA
4 CAT 520 ORIFICE PLATE 600 ASA 316SS 0.25" THICK BORED 3.826" NO BEVEL TAG NO. C-FE-N0721	1	EA
- FLEX CONNECTORS TAG NO: E-SP-028	3	EA
GORE FILTER MODEL # TCE-010-100-H	4	EA
GORE FILTER MODEL # TCE-010-100-H	6	EA
PSV - SAFETY RELIEF VALVE - 2300 PSIG CL 600 1.5 X 2.5 2300 PSIG CL 600	2	EA
GORE FILTER MODEL # TCU017-120-H	36	EA
VALVE HANDLES	17	EA
RUPTURE DISK 1" RLS PSE-50101	19	EA
ENVIRO BOX FOR TAG NO: ZZ-LI-00201	1	EA
HOSE CONNECTOR - SEE SP DATA SHEET DS-CLZZ-L-000-00601	1	EA
HOSE CONNECTOR - SEE SP DATA SHEET DS-CLZZ-L-000-00601	2	EA
HOSE CONNECTOR 3/4"	3	EA
ENVIROBOX - SEE SP DATA SHEET DS-CLZZ-L-000-00701	2	EA
ROTARY SWIVEL, 6" FLEXBALL JOINT SCH80 BW 600# ANSI SA105N/SA350 LF2 CL1 NACE MR0175/ISO 15156	4	EA
Size-0.5X0 HEX HEAD SOLID PLUG, LTCS A350-LF2 CL.1, MNPT, B16.11	4	EA
SA-193 B7, 3/8"-10UNC X 3-3/4". Blue Fluorokote Stud	1	EA
SA-193 B7, 3/8"-10UNC X 6". Blue Fluorokote Stud	1	EA
SA-193 B7, 3/8"-10UNC X 4". Blue Fluorokote Stud	4	EA

Material Code Description	Quantity	UOM
SA-193 B7, 3/8"-10UNC X 3-1/2". Blue Fluorokote Stud	4	EA
SA-193 B7, 1/4"-10UNC X 2-3/4". Blue Fluorokote Stud	4	EA
SA-193 B7, 1"-10UNC X 7". Blue Fluorokote Stud	2	EA
SA-193 B7, 7/8"-10UNC X 4-3/4". Blue Fluorokote Stud	15	EA
SA-193 B7, 1"-10UNC X 8". Blue Fluorokote Stud	8	EA
SA-193 B7, 1"-10UNC X 6-3/4". Blue Fluorokote Stud	16	EA
SA-193 B7, 3/4"-10UNC X 4-3/4". Blue Fluorokote Stud	49	EA
STAINLESS BOLT 3/4" X 4-1/2"	4	EA
STAINLESS BOLT 3/8" X 3 1/2"	15	EA
STAINLESS BOLT 1/2" X 7 1/4"	5	EA
CARBON BOLT UP 1/2" X 3-1/2"	1	EA
STRUCTURAL BOLT UP BLACK 1/2" X 4-1/2"	8	EA
STRUCTURAL BOLT UP BLACK 3/8" X 4"	4	EA
STRUCTURAL BOLT UP BLACK 1/4" X 2-3/4"	8	EA
SPRING CAN PIPE SUPPORT (DATASHEET 085354-4144-SH1PW1130-01)	1	EA
- SPRING HANGER AND SUPPORTS TAG NO: 2B-SH-2TW2281-01	1	EA
4" FLUSH RING ALIGNMENT CLAMP	2	EA
NDF BASE PLATE TYPE B - STD DWG BS06 TAG NO: BS-6B-2	4	EA
NDF BASE PLATE TYPE W - STD DWG BS06 TAG NO: BS-6W-5	4	EA
6" CLAMP ON SHOE	4	EA
30", HOLDDOWN GUIDE G-11 FOR PIPELINES 12" TO 36"	28	EA
GUIDE TYPE G-1, TAG: G-1-2	76	EA
GUIDE TYPE G-1, TAG: G-1-2	1	EA
GUIDE	1	EA
NPS 6" GUIDE, G-1-3	1	EA
GUIDE	2	EA
SUPPORT CLAMPS FOR PIPE	8	EA
LINE STOP LS20 FOR INSULATED PIPELINES 16" - 36"	7	EA
LINE STOP LS-2, TAG: LS-2B-8	8	EA
SUPPORTS, GUIDES & ANCHORS	1	EA
MONORAIL SUPPORTS TAG NO: MK-F081	4	EA
size 1 1/2 M-SG02, PIPE GUIDE, U-BOLT, SS	1	EA
size 1 M-SG02, PIPE GUIDE, U-BOLT, SS	5	EA
size 2 M-SG02, PIPE GUIDE, U-BOLT, SS	1	EA
SIZE 3", PIPE GUIDE, U BOLT, SS	4	EA
4" M-SG02 Pipe Guide U-Bolt, SS	3	EA
size 2 M-SG04, PIPE GUIDE	4	EA
CANTILEVER SUPPORT PS-11, TAG: PS-11B-400	1	EA
SHOE TYPE S-1, TAG: S-1A	20	EA
SHOE TYPE S-2, TAG: S-2A-10	4	EA
NDF S2 PIPE SHOE CS LINE TYPE A - STD DWG S02 TAG NO: S-2A-10	1	EA
SHOE TYPE S-2, TAG: S-2A-20	3	EA
S-30B-16-1	1	EA
CHANNEL SHOE SUPPORT S-30B-24-4	1	EA
S-31A-20-1	2	EA

Material Code Description	Quantity	UOM
S-31A-20-3	1	EA
NPS 2", PIPE SHOE S-3A-2, Commodity: STEAM	1	EA
PIPELINE SUPPORT S-50 LONG SHOE WITH REPAD CARBON SETEEL LINES 20 TO 24 INCH MEG-MEC-SD-9640-S-50	1	EA
12" CLAMP SHOE DETAIL - 1200mm LG	2	EA
12" CLAMP SHOE DETAIL - 900mm LG	1	EA
2" CLAMP SHOE DETAIL - 300mm LG 100mm HEIGHT	6	EA
PIPE SHOE SH-CL-6-600-B	2	EA
U BOLT TYPE U-1, TAG: U-1L-2	6	EA
Tray Cover Flanged Straight 18"- Wide;	35	EA
Cable Tray Flanged Cover w/ Peak 12" x 10'	5	EA
Straight Cable Tray: Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Rung Spacing - 9"; Length - 20'	11	EA
Straight Cable Tray: Material - Aluminum; H-Beam Siderail - 6"; Width - 36"; Rung Spacing - 9"; Length - 20'	20	EA
Tray Bend: Reducing Tee; Material - Aluminum; H-Beam Siderail - 4"; Width - 36"x24"; Radius - 12"; Rung Spacing - 9"	1	EA
Tray Bend: Horizontal Bend; Material - Aluminum; H-Beam Siderail - 6"; Width - 12"; Angle - 30; Radius - 36"; Rung Spacing - 9"	1	EA
Tray Bend: Vertical Tee Down; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 90; Radius - 24"; Rung Spacing - 9"	2	EA
Tray Cover Flanged Horizontal Bend 24"- Wide; 45D; 36" Radius	6	EA
Tray Cover Flanged Vertical Inside 24"- Wide; 90D; 36" Radius	17	EA
6" ALUMINUM CHANNEL TRAY (INSTRUMENT TRAY) VENTED 3M LENGTH	33	EA
Tray Bend: Horizontal Bend; Material - Aluminum; C-Beam Siderail - 6"; Width - 6"; Angle - 45; Radius - 36"; Rung Spacing - 9"	1	EA
Tray Bend: Vertical Outside; Material - Aluminum; C-Beam Siderail - 6"; Width - 6"; Angle - 90; Radius - 24"; Rung Spacing - 9"	3	EA
Tray Bend: Horizontal Bend; Material - Aluminum; C-Beam Siderail - 6"; Width - 12"; Angle - 45; Radius - 24"; Rung Spacing - 9"	1	EA
Tray Bend: Horizontal Bend; Material - Aluminum; C-Beam Siderail - 6"; Width - 24"; Angle - 45; Radius - 24"; Rung Spacing - 9"	2	EA
Tray Bend: Horizontal Bend; Material - Aluminum; C-Beam Siderail - 6"; Width - 12"; Angle - 90; Radius - 12"; Rung Spacing - 9"	1	EA
Tray Bend: Vertical Inside; Material - Aluminum; C-Beam Siderail - 6"; Width - 12"; Angle - 90; Radius - 24"; Rung Spacing - 9"	2	EA
Tray Bend: Vertical Outside; Material - Aluminum; C-Beam Siderail - 6"; Width - 12"; Angle - 90; Radius - 24"; Rung Spacing - 9"	3	EA
Tray Bend: Tee; Material - Aluminum; C-Beam Siderail - 6"; Width - 24"; Radius - 12"; Rung Spacing - 9"	1	EA
Tray Bend: Tee; Material - Aluminum; C-Beam Siderail - 6"; Width - 24"; Radius - 24"; Rung Spacing - 9"	1	EA
Tray Bend: Vertical Inside Bend; Material - Aluminum; C-Beam Siderail - 6"; Width - 24"; Angle - 90; Radius - 12"; Rung Spacing - 9"	2	EA
Tray Bend: Horizontal Bend; Material - Aluminum; C-Beam Siderail - 6"; Width - 36"; Angle - 90; Radius - 36"; Rung Spacing - 9"	1	EA

Material Code Description	Quantity	UOM
Tray Bend: Vertical Outside; Material - Aluminum; C-Beam Siderail - 6"; Width - 36"; Angle - 90; Radius - 24"; Rung Spacing - 9"	1	EA
SPLICE TRAY HOLDER KIT	12	EA
Straight Cable Tray: Material - Galvanized Steel; C-Beam Siderail - 6"; Width - 12"; Rung Spacing - 9"; Length - 20'	8	EA
TR-01TR16-300V	140	M
Tray Bend: Horizontal Bend; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 45; Radius - 24"; Rung Spacing - 9" AHF624LHB4524	6	EA
Tray Bend: Vertical Inside; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 45; Radius - 24"; Rung Spacing - 9" AHF624LVI4524	6	EA
Tray Bend: Vertical Outside; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 45; Radius - 24"; Rung Spacing - 9" AHF624LVO4524	4	EA
Tray Bend: Vertical Outside; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 90; Radius - 36"; Rung Spacing - 9"	7	EA
300mm Wide 3000mm Long, Aluminum Tray Cover, Solid Flanged	8	EA
Tray Cover Flanged Straight 36"- Wide;	8	EA
Tray Bend: Horizontal Bend; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 90; Radius - 24"; Rung Spacing - 9" AHF624LHB9024	4	EA
Tray Bend: Horizontal Bend; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 45; Radius - 36"; Rung Spacing - 9" AHF624LHB4536	14	EA
Tray Bend: Tee; Material - Aluminum; H-Beam Siderail - 6"; Width - 6"; Radius - 24"; Rung Spacing - 9" AHF606LHT24	4	EA
Tray Bend: Tee; Material - Aluminum; H-Beam Siderail - 6"; Width - 12"; Radius - 36"; Rung Spacing - 9" AHF612LHT36	4	EA
Tray Bend: Tee; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Radius - 24"; Rung Spacing - 9" AHF624LHT24	2	EA
Tray Bend: Vertical Outside; Material - Aluminum; H-Beam Siderail - 6"; Width - 6"; Angle - 90; Radius - 24"; Rung Spacing - 9" AHF6106LVI9024	4	EA
Tray Bend: Vertical Inside; Material - Aluminum; H-Beam Siderail - 6"; Width - 12"; Angle - 90; Radius - 24"; Rung Spacing - 9" AHF612LVI9024	4	EA
600 MM X 150 MM - TRAY VERTICAL INSIDE BEND FITTING , ALUMINUM , 90 DEGREE PART# - AHF624LVI9024	4	EA
Tray Bend: Vertical Inside Bend; Material - Aluminum; H-Beam Siderail - 6"; Width - 36"; Angle - 90; Radius - 24"; Rung Spacing - 9"	4	EA
Tray Bend: Vertical Outside; Material - Aluminum; H-Beam Siderail - 6"; Width - 6"; Angle - 90; Radius - 24"; Rung Spacing - 9"	8	EA
Tray Bend: Vertical Outside; Material - Aluminum; H-Beam Siderail - 6"; Width - 12"; Angle - 90; Radius - 24"; Rung Spacing - 9" AHF612LVO9024	14	EA
Tray Bend: Vertical Outside; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 90; Radius - 24"; Rung Spacing - 9"	6	EA
Tray Bend: Horizontal Bend; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 90; Radius - 36"; Rung Spacing - 9"	6	EA
Tray Bend: Vertical Inside; Material - Aluminum; H-Beam Siderail - 6"; Width - 24"; Angle - 90; Radius - 36"; Rung Spacing - 9"	11	EA
Tray Bend: Vertical Inside; Material - Aluminum; H-Beam Siderail - 6"; Width - 6"; Angle - 45; Radius - 36"; Rung Spacing - 9" AHF606LVI4536	2	EA

Material Code Description	Quantity	UOM
MCC-922: 1X30A BREAKER (TO UPGRADE BREAKER FROM 15A TO 30A IN CELL F2JR)	1	EA
MOORE INDUSTRIES HIX 2-WIRE HART ISOLATOR (MODEL NO: HIX / 4-20MA / 4-20MA	2	EA
- 208/120VAC, 3-PHASE, 4-WIRE, 42 CCT, 225A, DISTRIBUTION PANEL C/W BOLT-ON	1	EA
MOUNTING BRACKETS CLUSTERMOUNT ALUMINUM 15/22" SPACING PART NO: 11MW-C-22-B1-L FOR TAG NO: 2B-DT-005	1	EA
MOUNTING BRACKETS CLUSTERMOUNT ALUMINUM 15/22" SPACING PART NO: 11MW-C-22-B1-L FOR TAG NO: 2B-DT-007	1	EA
MOUNTING BRACKETS CLUSTERMOUNT ALUMINUM 15/22" SPACING PART NO: 11MW-C-22-B1-L FOR TAG NO: 2B-DT-008	1	EA
Junction Box	1	EA
Junction Box	1	EA
Junction Box	1	EA
Junction Box	1	EA
CONTROL PANEL	1	EA
FVNR NEMA Size 1 Motor Starter 600V 60Hz 3-Pole	1	EA
FVNR NEMA Size 1 Motor Starter 600V 60Hz 3-Pole	1	EA
- TRANSFORMER	1	EA
GENERAL PURPOSE TRANSFORMER	1	EA
TAG NO: 6526C23G11; TEST JUMPER CABLES	1	EA
120/208VAC CONTACTOR PANEL AS PER ATTACHED DRAWING NO. PC-CLZZ-P-000-0004,	1	EA
120/208VAC CONTACTOR PANEL AS PER ATTACHED DRAWING NO. PC-CLZZ-P-000-0004,	1	EA
CUTLER-HAMMER P1AL4A2-30 LIGHTING PANEL BOARD W/ NEMA 4X (OUTDOOR)ENCLOSUR	1	EA
120/208VAC CONTACTOR PANEL AS PER ATTACHED DRAWING NO. PC-CLZZ-P-000-0004,	1	EA
CUTLER-HAMMER P1AL4A2-30 LIGHTING PANEL BOARD W/ NEMA 4X (OUTDOOR)ENCLOSUR	1	EA
75 KVA 480-480/277 VAC 3-PHASE 4-WIRE 60 HZ ALUMINUM WOUND DRY TYPE TRANSFORMER	1	EA
HEATED ENCLOSURE; PRE-FABRICATED PER ATTACHED DRAWING # ET-CLZZ-P-000-LI00	1	EA
2 POSITION SWITCH PART OF TAG NO: EQ-401	1	EA
2 POSITION SWITCH PART OF TAG NO: EQ-401	1	EA
2 POSITION SWITCH PART OF TAG NO: EQ-402	2	EA
COMPLETE FANS	4	EA
- CONTACTOR PANEL	1	EA
- LIGHTING PANEL	1	EA
- CONTACTOR PANEL	1	EA
- LIGHTING PANEL	1	EA
Glass Tape; Tracer Industries Part # GS-54	5	ROLL
- CONTACTOR PANEL	1	EA
75kVA 480-480/277 VAC 3-Phase 4 Wire 60Hz Aluminum Wound Dry Type Transfor	1	EA
75kVA 480-480/277 VAC 3-Phase 4 Wire 60Hz Aluminum Wound Dry Type Transfor	1	EA
- LIGHTING PANEL	1	EA
JUNCTION BOX VOLT 5000 PHASE 3 SERIAL # 16-22105-02 MODEL # HVJB5K	2	EA

Material Code Description	Quantity	UOM
- 120/208VAC CONTACTOR PANEL	1	EA
- LIGHTING PANEL BOARD FOR TAG NO: K-LP-901	1	EA
- LIGHTING PANEL BOARD W/NEMA 4X (OUTDOOR) ENCLOSURE	1	EA
SPLICE BOX	1	EA
- CONTACTOR PANEL	1	EA
75kVA 480-480/277 VAC 3-Phase 4 Wire 60Hz Aluminum Wound Dry Type Transformer	1	EA
- LIGHTING PANEL	1	EA
- CONTACTOR PANEL	1	EA
- LIGHTING PANEL	1	EA
Cutler-Hammer P1aL4A2-42 Lighting Panel Board w/ NEMA 4X (Outdoor) Enclosu	1	EA
2" COBRA PIPE CLAMPS	24	EA
DIN RAIL MOUNTABLE POWER SUPPLY UNIT 1AC/24DC/40	2	EA
125 V X 20 A - BLADE RECEPTACLE , CLASS I, ZONE 2 , NEMA 3 , EX/PROOF, DUST-IGN/PROOF , 2-POLE 3-WIRE , 21 HUB , SINGLE GANG ASSEMBLY , DEAD END , SPRING DOOR , SURFACE MTD , COPPER FREE ALUMINUM , CSA	1	EA
WIRING HARNESS (5M LENGTH) TAG NO: SCL-WH-DI-DC-32	1	EA
ENCLOSED BREAKERS DESIGNATION: NEMA 1 TAG #: SNFD2015L-FLX	1	EA
Temp Power Plug & Play Splitter Skid w/ 7 Main Shut Offs & Panel	1	EA
Temp Power Distribution Centre Skid	1	EA
Temp Power Distribution Centre Skid	1	EA
6" x 20' SCH 40 PVC Pipe	31	EA
FEEDER CELL AMPS 600 FRQ 60HZ PHASE 3 600 VOLT	1	EA
- 12/208 VAC CONTACTOR PANEL	1	EA
- CUTLER-HAMMER LIGHTING PANEL BOARD W/ NEMA 4X (OUTDOOR) ENCLOSURE	1	EA
- 120/208 VAC CONTACTOR PANEL	1	EA
- LIGHTING PANEL W/ NEMA 4X (OUTDOOR) ENCLOSURE	1	EA
ENCLOSED BREAKER DESIGNATION: NEMA 4X TAG #: WNFD2015L-FLX	1	EA
RUPTURE DISK 1" RLS(3) & SRB-7RS HOLDER(1)	2	EA
HEAT TRACE KIT VORTEX SCOPE	1	EA
Self Regulating End Seal Kit; Tracer Industries Part # E-100-A	22	EA
Pipe Strap Tracer Industries Part #PS-3	9	EA
DigiTrace NGC-30 Controller - 60 Circuits installed EMR Output Relay 480	1	EA
Tube Bundle: .75" x 0.049" WT tubing (9m) w/ (18) FAK-10B	26	M
- SS EHT TAG	2	EA
Size-0X0 RTD 100 OHM PLATINUM TAG NO: TSI-RTD-AMB	3	EA
CUTLER-HAMMER P1AL4A2-30 LIGHTING PANEL BOARD W/ NEMA 4X (OUTDOOR)ENCLOSUR	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA

Material Code Description	Quantity	UOM
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
MOEL # M25DBH1C-44 INSTRUMENTATION MANIFOLD ANDERSON GREENWOOD 6000 PSI	13	EA
GAS THERMOMETER	1	EA
10" A106B CL300 RF SCH40 CONTROL VALVE (DATASHEET DS-CL01-J-400)	1	EA
Electronic Pressure Switch	1	EA
- GAS SAMPLERS TAG NO: 2B-ASC-14503	1	EA
FLOW GAUGE	1	EA
2B-FG-11925	1	EA
ULTRASONIC FLOW METER TAG NO: 2B-FIT-11101	1	EA
ROTAMETERS TAG NO: 2B-FIT-59010	1	EA
2B-LG-31601-1	1	EA
HIGH FLOW PRESSURE REGULATOR FAIRCHILD HIGH FLOW PRESSURE REGULATOR MODEL 100608E 2-150 PSI PRESSURE RANGE, 1" PIPE SIZE, TAPPED EXHAUST PART NO: 999-100608E/322517 0612 001 PART OF TAG NO: 2B-P-186	1	EA
PRESSURE REGULATOR FISHER MODEL #95H SERIAL R000224247 SPRING RANGE 70-150	1	EA
PRESSURE REGULATOR FISHER MODEL #95L SERIAL R000224248 SPRING RANGE 5-15	1	EA
PRESSURE REGULATOR FISHER MODEL #95H SERIAL R000224245 SPRING RANGE 70-150	1	EA
PRESSURE REGULATOR TYPE: 95L SERIAL # R000224246 MAX INLET: 300 SPRING RANGE 5-15	1	EA
TAG NO: 2B-PG-11721; PRESSURE GAUGE	1	EA
PRESSURE GAUGE WITH MANIFOLD, TAG: 2B-PG-11915 TAG NO: 2B-PG-11915 JDE PO	1	EA
PRESSURE GAUGE WITH MANIFOLD, TAG: 2B-PG-11925 TAG NO: 2B-PG-11925 JDE PO	1	EA
TAG NO: 2B-PG-17901; PRESSURE GAUGE	1	EA
TAG NO: 2B-PG-20421; PRESSURE GAUGE	1	EA
TAG NO: 2B-PG-25212; PRESSURE GAUGE	1	EA
TAG NO: 2B-PG-30123; PRESSURE GAUGE (UH & AHU FUEL GAS SUPPLY)	1	EA
TAG NO: 2B-PG-30601; PRESSURE GAUGE WIKA	1	EA
TAG NO: 2B-PG-30823; PRESSURE GAUGE Model WIKA #632.50	1	EA
MTR / CERTS AND CALIBRATION TAG NO: 2B-PG-40201	1	EA
TAG NO: 2B-PG-42801; PRESSURE GAUGE	1	EA

Material Code Description	Quantity	UOM
2B-XV-25505	1	EA
2B-XV-25504	1	EA
SAFETY RELIEF VALVE TAG NO: 2B-PSV-51202	1	EA
PRESSURE VALVE	1	EA
2B-PYV-59001	1	EA
THERMOCOUPLE (TYPE K) WIKA MODEL TC10 MAX 30 VDC 20MA	1	EA
2B-TG-10611 TAG NO: 2B-TG-10611	1	EA
2B-TG-10621 TAG NO: 2B-TG-10621	1	EA
2B-TW-23910 THERMOWELL ONLY AS PER DATASHEET DS-CL02B-J-000-2BTIT23910	1	EA
TAG NO: 2B-TYV-290611; CONTROL SOLENOID	1	EA
TAG NO: 2B-TYV-290621; CONTROL SOLENOID	1	EA
TAG NO: 2B-TYV-290711; CONTROL SOLENOID	1	EA
TAG NO: 2B-TYV-290721; CONTROL SOLENOID	1	EA
TAG NO: 2B-TYV-390621; CONTROL SOLENOID	1	EA
TAG NO: 2B-TYV-390711; CONTROL SOLENOID	1	EA
TAG NO: 2B-TYV-390721; CONTROL SOLENOID	1	EA
TAG NO: 2B-TYV-393611; CONTROL SOLENOID ASCO MODEL #JBEF8320G202MS 150 PSI 1/4 " 10.1 WATT	1	EA
PRESSURE REGULATOR	1	EA
PRESSURE VALVE	1	EA
2-TI-10404	1	EA
- 2-TW-11013	1	EA
- 2-TW-11023	1	EA
4.5 PRESSURE GAUGE	3	EA
Orifice Plate B-FE-P0721 as per Datasheet DS-CLA-J-000-FE03420 Rev 1	1	EA
Wiika Thermowell, 2" CL600RF, A350 Gr. LF2, U=6", EZ#55680313	3	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 1500# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
Thermowell - Flanged TW, 0.260" Bore, CS, 2" 600# RF A350 LF2 Flange, 7" U, 9" Stem, 9.25" OAL - NOTES: Include Post Weld Heat Treat and Hydro-Testing.	1	EA
TAG NO: A-TG-00901; STAINLESS STEEL THERMOMETER SERIAL NUMBER 646943-1	1	EA
Pressure Regulator B-PCV-N05 11 as per Datasheet DS-CLB-J-250-PCVN0511. Th	1	EA
- PURGE NEEDLE VALVES TAG NO: CM21F44TDNG	4	EA
- D-TW-01002	1	EA
THERMOWELLS	9	EA
Thermowell	30	EA
- 1/4" NPT ALUM 0-20 PSI 0-60 GAUGE TAG NO: FISHER REGULATOR	1	EA
TAG NO: FS-67CFR-601SC; PRESSURE REGULATOR 1/4" C/W PG FISHER MAX SUPPLY 250 PSI SPRING RANGE 0-125 PSI	1	EA
TAG NO: FS-67CFR-601SC; PRESSURE REGULATOR 1/4" C/W PG FISHER MAX SUPPLY 250 PSI SPRING RANGE 0-125 PSI	10	EA
Size-0X0 HEATED ENCLOSURE ASSEMBLY (SEE ATTACHED) TAG NO: G-LI-0201	1	EA
FLANGED THERMOWELL TAG NO: G-TW-00101	1	EA

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Material Code Description	Quantity	UOM
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
EF8320G200 ASCO SOLENOID VALVE 120V * COIL ONLY	1	EA
TAG NO: U-TW-L0010; THERMOWELL MODEL NUMBER 52 RANGE 0 TO 100 C	1	EA
TAG NO: U-TW-L0701; THERMOWELL MODEL NUMBER 52 RANGE 0 TO 100 C	1	EA
3/4" X 1/2" FEMALE BLEEDER GUAGE VALVE	8	EA
PRES GAUGE MAGNEHELIC GENERIC	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
PRESSURE DIFFERENTIAL GAUGE	1	EA
- PRESSURE DIFFERENTIAL GAUGE, TO BE ISSUED WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA
PRESSURE DIFFERENTIAL GAUGE, TO BE ISSUED WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA
- PRESSURE DIFFERENTIAL GAUGE, TO BE ISSUED WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA
- PRESSURE DIFFERENTIAL GAUGE, TO BE ISSUED WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA
- PRESSURE DIFFERENTIAL GAUGE COMES WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA
- PRESSURE DIFFERENTIAL GAUGE COMES WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA
- PRESSURE DIFFERENTIAL GAUGE COMES WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA
- PRESSURE DIFFERENTIAL GAUGE COMES WITH PIPE MOUNTING KIT FOR 1-1/4 TO 2 PIPE MAX PRESSURE 15 PSIG/100KPA MAX TEMP 140 (60 C) FARENHEIT MIN TEMP -20 (-28 C) FARENHEIGHT MODEL NUMBER 20002-LT	1	EA

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Material Code Description	Quantity	UOM
PGI 2-VALVE MANIFOLD GS-V-572-SCJ	1	EA
BLOCK AND BLEED VALVE	1	EA
PGI 2-VALVE MANIFOLD GS-V-572-SCJ	1	EA
PGI 2-VALVE MANIFOLD GS-V-572-SCJ	1	EA
PGI 2-VALVE MANIFOLD GS-V-572-SCJ	1	EA
PGI 2-VALVE MANIFOLD GS-V-572-SCJ	1	EA
PGI 2-VALVE MANIFOLD GS-V-572-SCJ	1	EA
BLOCK AND BLEED VALVE	1	EA
BLOCK AND BLEED VALVE	1	EA
BLOCK AND BLEED VALVE	1	EA
BLOCK AND BLEED VALVE	1	EA
BLOCK AND BLEED VALVE	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
SP-02202 (SAND PROBE)	1	EA
S2-30_PRESSURE_REGULATOR 1/2" MAX INLET 3000 PSIG OUTLET 30PSG SERIAL # S5AN23	1	EA
UNION 1/2" X 1/2" TUBE	300	EA
Size-0X0 SWAGELOK FITTINGMALE CONNECTOR TAG NO: SS-1210-1-12	91	EA
- 0.75 X 0.5 REDUCING TUBE UNION TEE TAG NO: SS-1210-3-12-8	5	EA
- SS-1210-3TFT FEMALE RUN TEE 3/4 TUBE X 3/4 FNPT X 3/4 TUBE	7	EA
- TEE 3/4" X 3/4" X 3/4" FNPT	5	EA
Size-0X0 SWAGELOK SS-1210-6 JDE PO	29	EA
CAP, SS 3/4" TUBE PART NUMBER: SS1210-C	16	EA
3/4" TUBE PLUG PORT	18	EA
3/4" FEMALE NPT ELBOW SS-12-E JDE PO	27	EA
3/4" MNPT X 1/2" FNPT	105	EA
3/4" NPT 90 street elbow swagelok 316ss	27	EA
- SWAGELOK TEE REDUCING UNION	13	EA
- 1" HEX LONG NIPPLE 3' LG SS-16-HLN-3.00	6	EA
- SS INT BONNET NEEDLE VALVE SG SWAGELOK # SS-1RF4-PK-SG TAG NO: SS-1RF4-PK-SG JDE PO	8	EA
- BULK HEAD MALE CONNECTOR 1/4" TUBE X 1/4" MNPT	59	EA
- SWAGELOK TUBE FITTING 1/4T X 1/4MNPT TAG: SS-400-1-4	168	EA
UNION 1/4" X 1/4" TUBE	42	EA
316 SS CAP 1/4" OD TUBING SS-400-C TAG NO: SS-400-C JDE PO	459	EA

Material Code Description	Quantity	UOM
- HOSE CONNECTORS TAG NO: SS-4-HC-1-400	21	EA
1/4" STREET ELBOW SS-4-SE TAG NO: SS-4-SE JDE PO	10	EA
Size-0X0 SWAGELOK FITTING TAG NO: SS-4-UBJ	50	EA
3/4" MNPTX 3/8" T STRAIGHT CONNECTOR	515	EA
3/8 TUBE X 1/2 MALE CONNECTOR	405	EA
- 3/8 SWAGELOK MNPT PART NO: SS-600-1-6	371	EA
Tube Fitting, Male Connector, 3/8" Tube OD x 1/2" Male NPT	13	EA
MNPT SS ELBOW SWAGELOK	9	EA
Size-0X0 ELBOW, MALE SS 3/8T X 1/2NPT PART NUMBER: SS600-2-8	30	EA
SS-600-6 SWAGELOK FITTING	9	EA
FEM CONN 3/8" TUBE X 1/4" FNPT SWAGELOK # SS-600-7-4 TAG NO: SS-600-7-4 JDE PO	23	EA
- 3/8" TUBE CAP	166	EA
Size-0X0 SWAGELOK FITTING TAG NO: SS-6HLN-3.00	28	EA
3/8" PIPE PLUG	220	EA
Class 9, 12, 15, 18, 21,24 includes chains	29	EA
DRU OFF-GAS COMPRESSOR	1	EA
REACTOR GRU COMPRESSOR	1	EA
Electric Heater for D-01ABCD	4	EA
Electric Heater for D-04AB	2	EA
Diluted Bitumen Storage Tank (1,000 BBL, insulated, c/w pipe insert heater, ladder and platform, 21.5' OD, 18' H))	4	EA
Diluent Storage Tanks (1,000 BBL, c/w ladder & platform, 21.5' OD, 18' H))	2	EA
SLOP/HI-Q Diluent (1,000 BBL, insulated, c/w pipe insert heater, ladder and platform, 21.5 OD, 18' H)	2	EA
Coolant Surge Tank (100 BBL, c/w ladder, 9' OD, 9.5' H)	1	EA
AFTER FILTER PRESSURE VESSEL 2B-F-208H	1	EA
AFTER FILTER PRESSURE VESSEL 2B-F-208J	1	EA
PRIMARY/POLISHING WAC PRESSURE VESSEL 2B-V-211G	1	EA
PRIMARY/POLISHING WAC PRESSURE VESSEL 2B-V-211H	1	EA
PRODUCED GAS / BFW EXCHANGER	1	EA
PRODUCED GAS / GLYCOL EXCHANGER	1	EA
EMULSION / GLYCOL EXCHANGER	1	EA
EMULSION / GLYCOL EXCHANGER	1	EA
Produced Water/H:S Feedwater Exchanger, Model 1H-L-1T, 132" X 95" X 102"	1	EA
Produced Water/H:S Feedwater Exchanger, Model 1H-L-1T, 132" X 95" X 102"	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
SALES OIL / GLYCOL EXCHANGER	1	EA
Diluent Recovery / Glycol Exchanger	1	EA
MP STEAM / BFW CONDENSER	1	EA

Material Code Description	Quantity	UOM
MPBLOWDOWN / GLYCOL EXCHANGER	1	EA
MPBLOWDOWN / GLYCOL EXCHANGER	1	EA
MP STEAM / GLYCOL TRIM CONDENSER	1	EA
MP STEAM CONDENSATE / GLYCOL CONDENSER	1	EA
HP BFW Minimum Flow Recycle Cooler	1	EA
HP BFW Minimum Flow Recycle Cooler	1	EA
HP BFW Minimum Flow Recycle Cooler	1	EA
Glycol Air-Cooled Heat Exchanger (for GTG) (Glycol Aerial Cooler 1)	1	EA
Glycol Air-Cooled Heat Exchanger (for GTG) (Glycol Aerial Cooler 2)	1	EA
Glycol Air-Cooled Heat Exchangers. Glycol Cooler (Bay 02)	1	EA
Glycol Air-Cooled Heat Exchangers. Glycol Cooler (Bay 04)	1	EA
Glycol Air-Cooled Heat Exchangers. Glycol Cooler (Bay 06)	1	EA
Glycol Air-Cooled Heat Exchangers. Glycol Cooler (Bay 08)	1	EA
Glycol Air-Cooled Heat Exchangers. Glycol Cooler (Bay 10)	1	EA
Glycol Air-Cooled Heat Exchangers. Glycol Cooler (Bay 14)	1	EA
Glycol Air-Cooled Heat Exchangers. Glycol Cooler (Bay 15)	1	EA
After Filter Vessel	1	EA
After Filter Vessel	1	EA
After Filter Vessel	1	EA
After Filter Vessel	1	EA
After Filter Vessel	1	EA
After Filter vessel	1	EA
After Filter Vessel	1	EA
Acid Caustic Sump Double Walled FRP Sump w/ FRP internal piping with tie ins, Frame, grating, cover plate. leak detection system.	1	EA
STORM WATER POND SUMP 3048MM	1	EA
STORM WATER POND SUMP 2438.4MM DIA	1	EA
PRODUCED GAS SEPARATOR SEC.D0644-004	1	EA
FWKO Free Water Knock Out	1	EA
FWKO Free Water Knock Out	1	EA
Treater Vessel	1	EA
Treater Vessel	1	EA
Primary/Polishing WAC Vessel	1	EA
Primary/Polishing WAC Vessel	1	EA
Primary/Polishing WAC Vessel	1	EA
Primary/Polishing WAC Vessel	1	EA
Primary/Polishing WAC Vessel (Replaced by Pay item #15 c/w payment milestones)	1	EA
Primary/Polishing WAC Vessel (Replaced by Pay item #16 c/w payment milestones)	1	EA
V-3173 GTG GLYCOL AERIAL COOLER EXPANSION VESSEL	1	EA
MP Steam Separator	1	EA
FUEL GAS MIX DRUM SEC.D0644-006	1	EA
2B-V-851 Sour Gas Inlet Separator	1	EA
DILUTION WATER COOLER	1	EA
DILUENT RECOVERY SEPARATOR SEC.D0644-005	1	EA
DRY INSTRUMENT AIR RECEIVER SEC.D0644-007	1	EA

Material Code Description	Quantity	UOM
Mobile Power Distribution Center	1	EA
Mobile Power Distribution Center	1	EA
Mobile Power Distribution Center	1	EA
Mobile Power Distribution Center	1	EA
Mobile Power Distribution Center	1	EA
Mobile Power Distribution Center	1	EA
S&C Electric Manual PMH-12 Pad Mounted Switch Gear 27KV BIL-125KV 600amp 3R Enclosure Catalogue Number 15173R3-T104	1	EA
OTSG pkg (partially complete)	1	EA
OTSG pkg (partially complete)	1	EA
OTSG pkg (partially complete)	1	EA
OTSG pkg (partially complete)	1	EA
OTSG pkg (partially complete)	1	EA
HRSG package (partially complete)	1	EA
PG7121(EA) 60 Hertz Combustion Gas Turbine Packaged Power Plant	1	EA