

# ENERFLEX

**Job No:** 12517

**Current Revision:** AS-BUILT

**Project:** HUSKY OIL OPERATIONS LTD. S1340 G 3516LE RG357M

Tag No	Qty	Item Description	Rev
	1	Warm Air Recirc for 156 EH Installed by Air-X-Ltd shipped complete	0
	2	3-Way Switch Make: Wesco Model: DSFS936SA CRS DSFS936SA SW-CMPLT-XPRF-3WA Application: Interior Lights NOTE:	0
	2	ESD Button Make: Allen Bradley Model: 800H-FRXT6AP Maintained ESD button station, C/W 800R-1HZ4 SS Enclosure.	0
	3	3-Way Switch Make: Wesco Model: DSFS936SA CRS DSFS936SA SW-CMPLT-XPRF-3WA Application: Catadyne Heater Pilot Light NOTE:	0
	3	Pilot Light Make: Wesco Model: DSF948J1SA CRS DSD948J1SA PILOT-LIGHT-DEVICE Application: Catadyne Heater Pilot Light NOTE:	0
	2	BUILDING RECEPTACLES Make: Crouse-Hinds Model: CROU-CPS152R Receptacle, Single Gang, 15A, 120V Class, Class 1 Div 1 and 2 groups C&D, Wet Locations, delayed action for NEMA Blade Plug. C/W: EDSC271-SA	0
	3	Device Box Make: Crouse Hinds Model: EDSC271-SA Feed through device box Application: Exhaust Fan	0
	3	Motor Starter Make: Crouse Hinds Model: DSFS910-SA Manual Motor Starter Application: Exhaust Fan	0
	3	Selector Switch Make: Crouse Hinds Model: EDSC21273 SA 3 position selector switch c/w feed through device box Application: Exhaust fan	0
	3	Thermostat Make: Ruffneck Model: XT-311 Application: Exhaust Fan	0

	3	Enclosure Make: Wesco Model: EDSC272SA CRS EDSC272SA THRU-FEED-ENCL-CSA Application: Catadyne Heater Pilot Light NOTE:	0
AE-0100.1	1	Gas Detector Make: Net Safety, Millennium Series Model: ML-AR-SC1100-SEP-CCS-1 Description: aluminum controller and sensor housings, SC1100 catalytic bead, test gas applicator, universal sensor housing, LED display, 4-20mA signal, (3) configurable relays (low, high, fault), sensor separation kit. Rating: 10.5-30 VDC supply power, 2.8 W, CSA approved Class I, Div 1, Groups B,C & D, NEMA 4X enclosure, -40 to 185 deg. F operating temperature. Process Fluid: NA Application: Gas Detection	0
AE-0100.2	1	Gas Detector Make: Net Safety, Millennium Series Model: CCS-1 Callibration cup / splash guard. Application: Gas Detection	0
AE-0101.1	1	Gas Detector Make: Net Safety, Millennium Series Model: ML-AR-SC1100-SEP-CCS-1 Description: aluminum controller and sensor housings, SC1100 catalytic bead, test gas applicator, universal sensor housing, LED display, 4-20mA signal, (3) configurable relays (low, high, fault), sensor separation kit. Rating: 10.5-30 VDC supply power, 2.8 W, CSA approved Class I, Div 1, Groups B,C & D, NEMA 4X enclosure, -40 to 185 deg. F operating temperature. Process Fluid: NA Application: Gas Detection	0
AE-0101.2	1	Gas Detector Make: Net Safety, Millennium Series Model: CCS-1 Callibration cup / splash guard. Application: Gas Detection	0
AE-0102	1	Net Safety UV/IR Flame Detector Model # UV/IRS-A Model # JB4-UV-T ASSY Junction Box c/w 4-20mA signal, mounting swivel, LED indication, 120 degree horizontal and vertical field of view, CSA approved Cl. 1, Div. I, Gr. B, C & D, 10.5-32 VDC power supply required, operating temperature -40 to 85° C Application: Fire Detection	0
AIR	1	ELBOW, RUBBER 10" L/R 90 DEG	0
AIR	1	ELBOW, RUBBER 10" L/R 90 DEG	0
C2101	1	Compressor, Rotary Screw Make: Ariel Model: RG357M Description: 16" 300# suction flange, 10" 300# discharge flange, slide valve & Vi control. Rating: xxxxxx, M.A.W.P. = 300 psig Note: Description for information only, do not use for purchasing.	0

CE2101	1	<p>Driver, Natural Gas Engine</p> <p>Make: Caterpillar</p> <p>Model: G3516TALE AFRC</p> <p>Description: 8:1 compression ratio, turbo charged, front stub shaft, SAE-21 flywheel (25.25" bolt circle diameter), SAE 00 flywheel housing, ADEM III, deep sump oil pan, 8" ledge type rails, auxillary water pump.</p> <p>Rating: 1340BHP at 1400 rpm</p> <p>Application: Main Driver</p> <p>Note: Description for information only, do not use for purchasing.</p>	0
CP2101	1	<p>Control Panel</p> <p>Make: Toromont</p> <p>Model: A/B CompactLogix</p> <p>Description: 42" x 30" x 10" front access enclosure, Panel View 700 plus colour touch screen.</p> <p>Rating: 10 A, 24 VDC, CSA approved Class 1, Div. 2, Groups C&amp;D, temperature code T3, NEMA 4 enclosure.</p> <p>Application: Local Control Panel</p>	0
E2101	1	<p>Heat Exchanger, Air Cooled, Forced Draft</p> <p>Make: Air-X-Changers</p> <p>Model: 156EH-122-24</p> <p>Description:</p> <p>Process Section: xx" 300# RFWN inlet/outlet, SA214 tubes, 1/16" C.A., Garzo actuator on louvers, 1" NPT T.C. connection on outlet, 104 deg F ambient</p> <p>MAWP: 350 psig @ 300 deg F</p> <p>MDMT: -49 deg F @ 350 psig</p> <p>CRN registration in AB, BC and SK.</p> <p>EJW Section: 6" 150# RFWN inlet/outlet, SA214, manual louvres, 1" NPT T.C. connection on outlet, 104 deg ambient.</p> <p>MAWP: 14 psig @ 300 deg F</p> <p>MDMT: -20 deg F @ 14 psig</p> <p>TAW / CLOW Section: 6" 150# RFWN inlet/outlet, SA214, manual louvres, 1" NPT T.C. connection on outlet, 104 degree ambient.</p> <p>MAWP: 14 psig @ 300 deg F</p> <p>MDMT: -20 deg F @ 14 psig</p> <p>Fan: Moore CL-10K HD, 156" diameter, 10-blade, 62.89hp at 240 rpm and 14.9 degree pitch.</p> <p>Accessories: Mounted enclosed adjustable idler, extended lube lines, bugscreens, hail guard.</p> <p>Note: Description for information only, do not use for purchasing.</p>	0
E3101	1	<p>Heat Exchanger, Plate</p> <p>Make: GEA Flatplate</p> <p>Model: FPA10X20M-360M/CUS2081</p> <p>Description: 90 channels, 3" 300# flanged oil connections, 3" 300# flanged coolant connections, 304 stainless steel plates, nitrile gaskets, carbon steel head and frame.</p> <p>Rating: M.A.W.P. = 400 psig at 250 deg. F, M.D.M.T = -20 deg. F at 400 psig, U-stamped with C.R.N. for British Columbia, Alberta, Saskatchewan.</p> <p>Process Fluid: Compressor Oil / Glycol-Water</p> <p>Application: Compressor Oil Cooler</p> <p>Note: Description for information only, do not use for purchasing.</p>	0
F3103A	1	<p>Compressor Bearing Oil Filter</p> <p>5-micron element</p> <p>Note: Supplied by Ariel</p>	0
F3103B	1	<p>Compressor Injection Oil Filter</p> <p>25-micron element</p> <p>Note: Supplied by Ariel</p>	0
F5101	1	<p>F-2 Fuel Gas Filter</p> <p>6 5/8" O.D. x 48 1/2" S/FOF</p> <p>Filter Element: Peco Model # FG-312</p> <p>c/w 2" NPT connections, MAWP 245 psig at 250°F</p> <p>National Board Registration Required</p> <p>Note: Manufactured by TPS.</p> <p>*** Description For Information Only ***</p>	0

FG-0100	1	<p>Sight Glass  Make: Alco  Model: SG-1004  Description: nickel plated steel body, hermetically sealed clear viewing lense, 1/2" NPT process connection.  Rating: 34.5 bar (500 psig) at 260 deg C (500 deg F)  Process Fluid: Compressor Lube Oil/ Natural Gas  Application: Coalescer scavenge oil sight glass  Note: Shop to supply 1/2" 3000# NPT cross for installation.</p>	0
FI-0100	1	<p>Meter, Fuel  Make: Dresser Roots  Model: 15C175  Rating: 11700 scfh @ 100 psig, 175 psig MAWP.  Metric readout.  Process Fluid: Fuel Gas</p>	0
FO-3101	1	<p>Orifice  Make: Ariel  Model: Ariel  Process Fluid: Compressor Lube Oil  Application: Oil Filter Bleed Orifice  Note: Supplied with compressor. Description for information only. Do not use for purchasing.  NOTE: Bleed must be filtered oil. Connection located in centre of handle on top of filter housing.</p>	0
FO-3102	1	<p>Orifice  Make: Ariel  Model: Ariel  Process Fluid: Compressor Lube Oil  Application: Oil Filter Bleed Orifice  Note: Supplied with compressor. Description for information only. Do not use for purchasing.  NOTE: Bleed must be filtered oil. Connection located in centre of handle on top of filter housing.</p>	0
FR-0100A/B	2	<p>Filter, Inlet Vacuum  Make: Solberg  Model: L0000-CSL-06  Description: 12" 150# inlet/outlet connections, top filter access.  C/W support brackets.  Rating: atm @ ambient  Flow: 4950 SCFM (nominal)  Process Fluid: Air / Water Vapour  Application: Compressor Suction Filter</p>	0
FR-0100C	1	<p>Oil Filter Assembly  Make: Parker  Model: 80CN205QM225E1E121 (housing), D761G06A (element)  Description: 1 1/2" FNPT connections, 5 micron element, manual reset pop-up DP indicator, bowl drain plug.  Rating: 350psig minimum  Process Fluid: Compressor oil  Application: Compressor Pre-Lube Pump Oil Filter</p>	0
HTR-0100	1	<p>Caloritech Screwplug Heater  Model # CCXFT3033F332X-00N  Power: 480 VAC, 3 phase, 60 Hz  3" 300# flange connection, 32.7" immersion length,  3 kW low-density incoloy® sheath,  c/w XP housing and built-in thermostat (10-120° C/50-250° F).  C/W 'K' type high limit sheath thermocouple</p>	0

HTR-0100	1	Caloritech Screwplug Heater Model # CXFT303F332 Power: 480 VAC, 3 phase, 60 Hz 3" 300# flange connection, 32.7" immersion length, 3 kW low-density incoloy® sheath, c/w XP housing and built-in thermostat (10-120° C/50-250° F).	0
HTR-0101	1	Heater (H-1), Catalytic Make: Catadyne Model: MKII 24x48 120 VAC Description: 32 kBtu/hr natural gas catalytic heater with side mount components, Fisher 912 service regulator (Set at 0.5 psig), 3/8" shut-off ball valve, Maxitrol ES404 appliance regulator (Set at 7" W.C.), thermostatic temperature controller, safety shut-off valve (SSOV). Ratings: 250 psig maximum gas pressure (to service regulator). 360 W ignition element, CSA, FM approved Class 1, Div.1, Group D. Process Fluid: Utility Gas / Natural Gas Application: Building Heater	0
HTR-0102	1	Heater (H-2), Catalytic Make: Catadyne Model: MKII 24x48 120 VAC Description: 32 kBtu/hr natural gas catalytic heater with side mount components, Fisher 912 service regulator (Set at 0.5 psig), 3/8" shut-off ball valve, Maxitrol ES404 appliance regulator (Set at 7" W.C.), thermostatic temperature controller, safety shut-off valve (SSOV). Ratings: 250 psig maximum gas pressure (to service regulator). 360 W ignition element, CSA, FM approved Class 1, Div.1, Group D. Process Fluid: Utility Gas / Natural Gas Application: Building Heater	0
HTR-0103	1	Heater (H-3), Catalytic Make: Catadyne Model: MKII 24x48 120 VAC Description: 32 kBtu/hr natural gas catalytic heater with side mount components, Fisher 912 service regulator (Set at 0.5 psig), 3/8" shut-off ball valve, Maxitrol ES404 appliance regulator (Set at 7" W.C.), thermostatic temperature controller, safety shut-off valve (SSOV). Ratings: 250 psig maximum gas pressure (to service regulator). 360 W ignition element, CSA, FM approved Class 1, Div.1, Group D. Process Fluid: Utility Gas / Natural Gas Application: Building Heater	0
LG-0100.1	1	Level Gauge, Glass Make: Penberthy (Or Daniel Equivalent) Model: 2RL7 Description: low pressure flat glass gauge with a 29-1/8" O.A.L, relex glass with 22" visible length, 1/2" FNPT gauge connections, ASTM A105 carbon steel body, tempered borosilicate glass, Grafoil gasket with Mylar insert. Rating: 1785 psig at -20 to 250 deg. F. Process Fluid: Compressor Oil / Air Application: Oil Separator Level Gauge	0
LG-0100.2	1	Level Gauge, Gauge Cock Make: Penberthy (Or Daniel Equivalent) Model: 330J (1-Pair) Description: off-set pattern flat glass gauge cock, 3/4" MNPT process connection with coupling union, 1/2" FNPT rigid gauge connection, ASTM A105 carbon steel body, integral seat, ball check shut-off. Rating: ANSI Class 1500, 3815 psig at 300 deg. F. Process Fluid: Compressor Oil / Air Application: Oil Separator Level Glass	0
LG-0101.1	1	Level Gauge, Glass Make: Penberthy (Or Daniel Equivalent) Model: 5/8" x 18" Redline Description: tubular glass, annealed borosilicate glass, 5/8" O.D., red line indicator, 18" O.A.L. Rating: 285 psig at 150 deg. F (20" O.A.L.), 700 deg. F maximum fluid temperature. Process Fluid: Engine Oil Application: Engine Oil Make-up Tank Level Gauge	0

LG-0101.2	1	<p>Level Gauge, Gauge Cock</p> <p>Make: Penberthy (Or Daniel Equivalent)</p> <p>Model: N7A (1-Pair)</p> <p>Description: straight pattern tubular glass gauge cock, 1/2" MNPT rigid process connection, 5/8" stuffing box glass connection, ASTM A395 ductile iron body, Grafoil packing and Neoprene valve seals, integral seat, ball check shut-off, integral drain cock with 3/8 FNPT connection.</p> <p>Rating: 375 psig at 300 deg. F.</p> <p>Process Fluid: Engine Oil</p> <p>Application: Engine Oil Make-up Tank Level Glass</p>	0
LG-0102.1	1	<p>Level Gauge, Glass</p> <p>Make: Penberthy (Or Daniel Equivalent)</p> <p>Model: 5/8" x 18" Redline</p> <p>Description: tubular glass, annealed borosilicate glass, 5/8" O.D., red line indicator, 18" O.A.L.</p> <p>Rating: 285 psig at 150 deg. F (20" O.A.L.), 700 deg. F maximum fluid temperature.</p> <p>Process Fluid: Engine Oil</p> <p>Application: Engine Oil Make-up Tank Level Gauge</p>	0
LG-0102.2	1	<p>Level Gauge, Gauge Cock</p> <p>Make: Penberthy (Or Daniel Equivalent)</p> <p>Model: N7A (1-Pair)</p> <p>Description: straight pattern tubular glass gauge cock, 1/2" MNPT rigid process connection, 5/8" stuffing box glass connection, ASTM A395 ductile iron body, Grafoil packing and Neoprene valve seals, integral seat, ball check shut-off, integral drain cock with 3/8 FNPT connection.</p> <p>Rating: 375 psig at 300 deg. F.</p> <p>Process Fluid: Engine Oil</p> <p>Application: Engine Oil Make-up Tank Level Glass</p>	0
LG-0103.1	1	<p>Level Gauge, Glass</p> <p>Make: Penberthy (Or Daniel Equivalent)</p> <p>Model: 1RL6</p> <p>Description: low pressure flat glass gauge, reflex glass with 9-1/8" visible length, 1/2" FNPT gauge connections, ASTM A105 carbon steel body, tempered borosilicate glass, Grafoil gasket with Mylar insert.</p> <p>Rating: 2060 psig at -20 to 250 deg. F.</p> <p>Process Fluid: Water / Condensate / Natural Gas</p> <p>Application: Fuel Filter Level Gauge</p>	0
LG-0103.2	1	<p>Level Gauge, Gauge Cock</p> <p>Make: Penberthy (Or Daniel Equivalent)</p> <p>Model: 330J (1-Pair)</p> <p>Description: off-set pattern flat glass gauge cock, 3/4" MNPT process connection with coupling union, 1/2" FNPT rigid gauge connection, ASTM A105 carbon steel body, integral seat, ball check shut-off.</p> <p>Rating: ANSI Class 1500, 3815 psig at 300 deg. F.</p> <p>Process Fluid: Water / Condensate / Natural Gas</p> <p>Application: Fuel Filter Level Glass</p>	0
LG-0104.1	1	<p>Level Gauge, Glass</p> <p>Make: Penberthy (Or Daniel Equivalent)</p> <p>Model: 5/8" x 18" Redline</p> <p>Description: tubular glass, annealed borosilicate glass, 5/8" O.D., red line indicator, 18" O.A.L.</p> <p>Rating: 285 psig at 150 deg. F (20" O.A.L.), 700 deg. F maximum fluid temperature.</p> <p>Process Fluid: Glycol</p> <p>Application: EJW Glycol Tank Level Gauge</p>	0

LG-0104.2	1	<p>Level Gauge, Gauge Cock  Make: Penberthy (Or Daniel Equivalent)  Model: N7A (1-Pair)  Description: straight pattern tubular glass gauge cock, 1/2" MNPT rigid process connection, 5/8" stuffing box glass connection, ASTM A395 ductile iron body, Grafoil packing and Neoprene valve seals, integral seat, ball check shut-off, integral drain cock with 3/8 FNPT connection.  Rating: 375 psig at 300 deg. F.  Process Fluid: Glycol  Application: EJW Glycol Expansion Tank Level Glass</p>	0
LG-0105.1	1	<p>Level Gauge, Glass  Make: Penberthy (Or Daniel Equivalent)  Model: 5/8" x 18" Redline  Description: tubular glass, annealed borosilicate glass, 5/8" O.D., red line indicator, 18" O.A.L.  Rating: 285 psig at 150 deg. F (20" O.A.L.), 700 deg. F maximum fluid temperature.  Process Fluid: Glycol  Application: Auxiliary Glycol Expansion Tank Level Gauge</p>	0
LG-0105.2	1	<p>Level Gauge, Gauge Cock  Make: Penberthy (Or Daniel Equivalent)  Model: N7A (1-Pair)  Description: straight pattern tubular glass gauge cock, 1/2" MNPT rigid process connection, 5/8" stuffing box glass connection, ASTM A395 ductile iron body, Grafoil packing and Neoprene valve seals, integral seat, ball check shut-off, integral drain cock with 3/8 FNPT connection.  Rating: 375 psig at 300 deg. F.  Process Fluid: Glycol  Application: Auxiliary Glycol Expansion Tank Level Glass</p>	0
LICSL-0101	1	<p>Level Controller  Make: FW Murphy  Model: LM-303-EX  Description: 1500371 universal mounting bracket, 1/2" FNPT inlet with removable screen, 3/4" FNPT outlet, 1/2" FNPT vent, 1/4" orifice, aluminum housing, Buna-N valve seat, polyurethane float, U.V. stabilized nylon lens, (2) DPST NC electrical switches, 1/2" FNPT electrical connection.  Rating: 2 to 15 fthd inlet pressure, 15 psi maximum casing pressure, CSA approved XP Class I, Div. I &amp; II, Groups C &amp; D.  Process Fluid: Engine Oil  Application: Engine Oil Level Controller</p>	0
LSHH-0100	1	<p>Level Switch  Make: K-Tek  Model: MS10/15/X/X/EXT2/X/FM  Description: 1-1/2" NPT Connections, 316/316LSS Float operated, 1 AMP 250VAC, 0.5 AMPS 125VDC, Explosion Proof, CL.1 GRP.A,B,C&amp;D; DIV.1&amp;2, 1/2" FNPT Conduit Connection w/ AWG 20 wiring harness (18"), CSA Certification, Material Test Report.  Process Fluid: Compressor Oil / Air  Application: Oil Separator</p>	0
LSHH-0101	1	<p>Level Switch  Make: K-Tek  Model: MS10/15/X/X/EXT1/X/FM  Description: 1-1/2" NPT Connections, 316/316LSS Float operated, 1 AMP 250VAC, 0.5 AMPS 125VDC, Explosion Proof, CL.1 GRP.A,B,C&amp;D; DIV.1&amp;2, 1/2" FNPT Conduit Connection w/ AWG 20 wiring harness (18"), CSA Certification, Material Test Report.  Process Fluid: Fuel Gas / Condensate  Application: Fuel Gas Scrubber</p>	0
LSLL-0100	1	<p>Level Switch  Make: K-Tek  Model: MS10/15/X/X/EXT2/X/FM  Description: 1-1/2" NPT Connections, 316/316LSS Float operated, 1 AMP 250VAC, 0.5 AMPS 125VDC, Explosion Proof, CL.1 GRP.A,B,C&amp;D; DIV.1&amp;2, 1/2" FNPT Conduit Connection w/ AWG 20 wiring harness (18"), CSA Certification, Material Test Report.  Process Fluid: Compressor Oil / Air  Application: Oil Separator</p>	0

LSLL-0102	1	Level Switch Make: K-Tek Model: MS10/15/X/X/EXT1/X/FM Description: 1-1/2" NPT Connections, 316/316LSS Float operated, 1 AMP 250VAC, 0.5 AMPS 125VDC, Explosion Proof, CL.1 GRP.A,B,C&D; DIV.1&2, 1/2" FNPT Conduit Connection w/ AWG 20 wiring harness (18"), CSA Certification, Material Test Report. Process Fluid: 50/50 Glycol Application: Engine Jacket Water Surge Tank	0
LSLL-0103	1	Level Switch Make: K-Tek Model: MS10/15/X/X/EXT1/X/FM Description: 1-1/2" NPT Connections, 316/316LSS Float operated, 1 AMP 250VAC, 0.5 AMPS 125VDC, Explosion Proof, CL.1 GRP.A,B,C&D; DIV.1&2, 1/2" FNPT Conduit Connection w/ AWG 20 wiring harness (18"), CSA Certification, Material Test Report. Process Fluid: 50/50 Glycol Application: Engine Aux Water Surge Tank	0
NOISE ASSESSMENT	1	Theoretical Noise Impact Assessment Performed by: Noise Solutions	0
P-0100	1	Pump Make: Ariel Model: P75Sx3.00 Description: Integral pump driven from female rotor. Process Fluid: Compressor Oil Application: Compressor Oil Lube Pump	0
P-0101.1	1	Pump, Compressor Pre-Lube Make: Tuthill Model: 4105V-C-7 c/w cast iron body, 1/2" FNPT connections, 'C' face adapter, 1LE534 adapter kit for coupling with P-0101.2, 5 GPM, internal relief set at 55 psi, max. inlet pressure 250 psig, max differential pressure 500 psi. Note: Unit comes base mounted with P-0101.2 c/w coupling and guard.	0
P-0101.2	1	Compressor Pre-lube Pump Motor Make: Hybon Model: 8F c/w 1/4" NPT inlet/outlet, max inlet pressure 150 psig, maximum differential pressure, 100 psi. Unit comes base mounted with P-0101.1 c/w coupling and guard.	0
P-0102	1	Pump, Diaphragm Make: Warren Rupp Sandpiper II Model: G1FB1ABTXNSX00 Description: 1" FNPT process connections, 1/2" FNPT gas inlet, 1" FNPT exhaust, aluminum body, Buna N ball and diaphragm, PTFE seat, grounding strap. Rating: 20 usgpm (water) at 10 psig with 20 psig gas supply, 125 psig M.A.W.P. (625 psig burst), 190 deg. F max operating temperature, CSA approved for use with natural gas. Process Fluid: Engine Oil Application: Engine Oil Pre/Post-Lube Pump	0
P-0103	1	PNEUMATIC DIAPHRAGM PUMP Make: Yamada Model: NDP-25BAN 1" Pump Ports, Aluminum Wetted Parts, Buna N Diaphragms, Balls & O-rings, 20-100 psig supply. Process Fluid: Engine Oil Application: Transfer Pump	0
P-0104	1	PNEUMATIC DIAPHRAGM PUMP Make: Yamada Model: NDP-25BAN 1" Pump Ports, Aluminum Wetted Parts, Buna N Diaphragms, Balls & O-rings, 20-100 psig supply Process Fluid: Glycol Application: Transfer Pump	0



PCV-0100.1	1	Pressure Regulator Make: Control Air Model: 330 - BCBE Description: - 1/4"NPT Inlet / Outlet / Gauge connections, - 0 to 120 psig Output Range - Flow Capacity: 22 scfm @ 100 psig supply with 20 psig output - 40 micron Filter Rating: body rating of 1000 psig, 250 psig maximum supply pressure, 0 to 160 deg. F operating temperature. Process Fluid: Instrument Air Application: Auto-Blowdown Valve Regulator	0
PCV-0100.2	1	Pressure Gauge Make: Control Air Model: MI50D-13 1/4" NPT back mount, 2" face, 0-160psi Dual scale. Process Gas: Instrument Air Application: Auto-Blowdown Valve Regulator	0
PCV-0101.01	1	Pressure Regulator Make: Control Air Model: 330 - BCBE Description: - 1/4"NPT Inlet / Outlet / Gauge connections, - 0 to 120 psig Output Range - Flow Capacity: 22 scfm @ 100 psig supply with 20 psig output - 40 micron Filter Rating: body rating of 1000 psig, 250 psig maximum supply pressure, 0 to 160 deg. F operating temperature. Process Fluid: Instrument Air Application: Dishcharge Presssure Control Valve Regulator, mount on PV-0101	0
PCV-0101.02	1	Pressure Gauge Make: Control Air Model: MI50D-13 1/4" NPT back mount, 2" face, 0-160psi Dual scale. Process Gas: Instrument Gas Application: Dishcharge Presssure Control Valve Regulator , mount on PV-0101	0
PCV-0102.01	1	Pressure Regulator Make: Control Air Model: 330 - BCBE Description: - 1/4"NPT Inlet / Outlet / Gauge connections, - 0 to 120 psig Output Range - Flow Capacity: 22 scfm @ 100 psig supply with 20 psig output - 40 micron Filter Rating: body rating of 1000 psig, 250 psig maximum supply pressure, 0 to 160 deg. F operating temperature. Process Fluid: Instrument Air Application: Auto Louver Regulator	0
PCV-0102.02	1	Pressure Gauge Make: Control Air Model: MI50D-13 1/4" NPT back mount, 2" face, 0-160psi Dual scale. Process Gas: Instrument Air Application: Auto Louver Regulator	0
PCV-0103	1	Control Valve Make: Refrigeration Specialties Model: A4AO Description: 1-5/8" port, 2" weld neck flanged connections, 'A' spring range (0 to 150 psig), ASTM A126 Class B cast iron alloy body, ASTM A108 carbon steel piston and plug, stainless steel diaphragm, chrome plated pilot plug. Rating: 400 psig M.A.W.P., -50 to 300 deg. F. Process Fluid: Natural Gas Application: Engine Starter	0

PCV-0104	1	Pressure Regulator Make: Fisher Model: 627 Description: 2" FNPT connections, 1/2" orifice, 15 to 40 psig spring range (Green), ductile iron body, aluminum diaphragm and spring casings, nitrile disk, diaphragm and seals, 3/4" FNPT spring case vent with removable screen, standard construction. Rating: body rating of 1000 psig, 250 psig maximum outlet pressure (diaphragm casing internals damaged at 60 psig above setpoint), -20 to 180 deg. F operating temperature. Process Fluid: Natural Gas Application: Engine Fuel Gas	0
PCV-0105.1	1	Pressure Regulator Make: Control Air Model: 330 - BCBE Description: - 1/4"NPT Inlet / Outlet / Gauge connections, - 0 to 120 psig Output Range - Flow Capacity: 22 scfm @ 100 psig supply with 20 psig output - 40 micron Filter Rating: body rating of 1000 psig, 250 psig maximum supply pressure, 0 to 160 deg. F operating temperature. Process Fluid: Instrument Air Application: Compressor Pre-Lube Pump Pilot Valve	0
PCV-0105.2	1	Pressure Gauge Make: Control Air Model: MI50D-13 1/4" NPT back mount, 2" face, 0-160psi Dual scale. Process Gas: Instrument Air Application: Compressor Pre-Lube Pump Pilot Valve	0
PCV-0106.1	1	Pressure Regulator Make: Control Air Model: 330 - BCBE Description: - 1/4"NPT Inlet / Outlet / Gauge connections, - 0 to 120 psig Output Range - Flow Capacity: 22 scfm @ 100 psig supply with 20 psig output - 40 micron Filter Rating: body rating of 1000 psig, 250 psig maximum supply pressure, 0 to 160 deg. F operating temperature. Process Fluid: Instrument Air Application: Compressor Pre-Lube Pump Outlet Valve	0
PCV-0106.2	1	Pressure Gauge Make: Control Air Model: MI50D-13 1/4" NPT back mount, 2" face, 0-160psi Dual scale. Process Gas: Instrument Air Application: Compressor Pre-Lube Pump Outlet Valve	0
PCV-0107.1	1	Pressure Regulator Make: Control Air Model: 330 - BCBE Description: - 1/4"NPT Inlet / Outlet / Gauge connections, - 0 to 120 psig Output Range - Flow Capacity: 22 scfm @ 100 psig supply with 20 psig output - 40 micron Filter Rating: body rating of 1000 psig, 250 psig maximum supply pressure, 0 to 160 deg. F operating temperature. Process Fluid: Instrument Air Application: De-Icing Valve Regulator	0

PCV-0107.2	1	Pressure Gauge Make: Control Air Model: MI50D-13 1/4" NPT back mount, 2" face, 0-160psi Dual scale. Process Gas: Instrument Air Application: De-Icing Valve Regulator	0
PCV-0111.01	1	Pressure Regulator Make: Control Air Model: 330 - BCBE Description: - 1/4"NPT Inlet / Outlet / Gauge connections, - 0 to 120 psig Output Range - Flow Capacity: 22 scfm @ 100 psig supply with 20 psig output - 40 micron Filter Rating: body rating of 1000 psig, 250 psig maximum supply pressure, 0 to 160 deg. F operating temperature. Process Fluid: Instrument Air Application: Auto Louver Regulator	0
PCV-0111.02	1	Pressure Gauge Make: Control Air Model: MI50D-13 1/4" NPT back mount, 2" face, 0-160psi Dual scale. Process Gas: Instrument Air Application: Auto Louver Regulator	0
PDCV-0100	1	Vickers Balance Piston Pressure Control Valve Model: RS-01-Y2-30 3 psi to 60 psi spring range, set at 55 psid. 1-1/4" NPT connections, MAWP: 3000 Note: Supplied with compressor	0
PDCV-0101	1	Blackmer Differential Bypass Valve Model BV1.5A Set at 100 psid c/w Ductile iron cap, cover and body, cast iron valve, standard internals, 1-1/2" FNPT connections, 71-125 psi spring range. M.A.W.P.: 350 psig Rated flow for 500 SSU oil is 95 usgpm at 100 psid Process Fluid: Compressor Oil	0
PDI-0100	1	Mid-West Differential Pressure Gauge Model: 120-AA-02-L00-35 kPad/0-5 psid c/w dual scale, 2½" dial, ¼" FNPT in-line connections, aluminum body, S/S piston, buna N seals, liquid filled Process Fluid: Air Application: Inlet Filter	0
PDI-0101	1	Mid-West Differential Pressure Gauge Model: 120-AA-02-L00-105 kPad/0-15 psid c/w dual scale, 2½" dial, ¼" FNPT in-line connections, aluminum body, S/S piston, buna N seals, liquid filled Process Fluid: Air Application: Oil Separator - Filter dP	0
PDI-0102	1	Bearing Oil Filter Differential Pressure Gauge Make: (Ariel) Model: (Ariel) 0-30 psid range Note: Supplied with compressor	0
PDI-0103	1	Injection Oil Filter Differential Pressure Gauge Make: (Ariel) Model: (Ariel) 0-30 psid range Note: Supplied with compressor	0

PDI-0104	1	Mid-West Differential Pressure Gauge Model: 120-AA-02-L00-105 kPad/0-15 psid c/w dual scale, 2½" dial, ¼" FNPT in-line connections, aluminum body, S/S piston, buna N seals, liquid filled Process Fluid: Compressor Lube Oil Y-Strainer	0
PDI-0106	1	Bearing Oil Supply Differential Pressure Gauge Make: (Ariel) Model: (Ariel) 0-100 psid range Note: Supplied with compressor Process Fluid: Compressor Lube Oil	0
PDI-0115	1	Mid-West Differential Pressure Gauge Model: 120-AA-02-L00-105 kPad/0-15 psid c/w dual scale, 2½" dial, ¼" FNPT in-line connections, aluminum body, S/S piston, buna N seals, liquid filled Process Fluid: Engine Oil	0
PI-0102	1	Pressure Indicator Make: Wika Model: 233.54 (0 to 400 psig) Description: 4" dial, 1/2" MNPT lower mount connection, dual scale (psig&kPag), glycerin filled, acrylic lense, 304 stainless steel housing with vent plug, 316 stainless steel stem and bourdon tube. Rating: 1000 psig M.A.W.P. (full scale to prevent damage), -40 to 140 degree F temperature range (-4 deg F ambient as limited by glycerine). Process Gas: Air Application: Oil Separator	0
PI-0103	1	Pressure Indicator Make: Wika Model: 233.54 (0 to 400 psig) Description: 4" dial, 1/2" MNPT lower mount connection, dual scale (psig&kPag), glycerin filled, acrylic lense, 304 stainless steel housing with vent plug, 316 stainless steel stem and bourdon tube. Rating: 1000 psig M.A.W.P. (full scale to prevent damage), -40 to 140 degree F temperature range (-4 deg F ambient as limited by glycerine). Process Gas: Compressor Oil Application: Compressor Hydraulic Control Oil Pressure	0
PI-0111	1	Pressure Indicator Make: Wika Model: 233.54 (0 to 400 psig) Description: 4" dial, 1/2" MNPT lower mount connection, dual scale (psig&kPag), glycerin filled, acrylic lense, 304 stainless steel housing with vent plug, 316 stainless steel stem and bourdon tube. Rating: 1000 psig M.A.W.P. (full scale to prevent damage), -40 to 140 degree F temperature range (-4 deg F ambient as limited by glycerine). Process Fluid: Comp Oil Application: Oil Header	0
PI-0113	1	Pressure Indicator Make: Wika Model: 233.53 (0 to 100 psig) Description: 2-1/2" dial, 1/4" MNPT lower mount connection, dual scale (psig&kPag), glycerin filled, polycarbonate lense, 304 stainless steel housing with vent plug, 316 stainless steel stem and bourdon tube. Rating: 1000 psig M.A.W.P. (full scale to prevent damage), -40 to 140 degree F temperature range (-4 deg F ambient as limited by glycerine). Process Gas: Natural Gas Application: Starter	0

PI-0114	1	<p>Pressure Indicator</p> <p>Make: Wika</p> <p>Model: 233.53 (0 to 100 psig)</p> <p>Description: 2-1/2" dial, 1/4" MNPT lower mount connection, dual scale (psig&amp;kPag), glycerin filled, polycarbonate lense, 304 stainless steel housing with vent plug, 316 stainless steel stem and bourdon tube.</p> <p>Rating: 1000 psig M.A.W.P. (full scale to prevent damage), -40 to 140 degree F temperature range (-4 deg F ambient as limited by glycerine).</p> <p>Process Gas: 50/50 Glycol</p> <p>Application: Auxiliary Glycol Pump Pressure</p>	0
PSV-0100	1	<p>Pressure Relief Vavle</p> <p>Make: Mercer</p> <p>Model: 91-34H12T82U1 (Set at 300 psig)</p> <p>Description: 1.5" 300# RF inlet connection, 2" - 150# RF outlet connection, 1.05 sq. in. orifice ("H" designation), std materials.</p> <p>Rating: 450 psig maximum set pressure at -20 to 300 deg. F., UV stamped, C.R.N. (AB,BC,SK), sized for C-1 maximum flow.</p> <p>Process Fluid: Air</p> <p>Application: Discharge PSV</p> <p>Note: Data report required</p>	0
PT-0100	1	<p>Pressure Transmitter</p> <p>Make: Wika</p> <p>Model: E-10</p> <p>Range: -30 psig to 60 psig</p> <p>1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, xxxpsi maximum pressure, xxxpsi burst pressure, Secondary Seal Approval</p> <p>Process Fluid: Air</p> <p>Application: Suction Pressure Transmitter</p>	0
PT-0101	1	<p>Pressure Transmitter</p> <p>Make: Wika</p> <p>Model: E-10</p> <p>Range: 0 to 300 psig</p> <p>1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 1390psi burst pressure, Secondary Seal Approval.</p> <p>Process Fluid: Air / Compressor Oil</p> <p>Application: Compressor Discharge Pressure Transmitter</p>	0
PT-0104	1	<p>Pressure Transmitter</p> <p>Make: Wika</p> <p>Model: E-10</p> <p>Range: 0 to 300 psig</p> <p>1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 1390psi burst pressure, Secondary Seal Approval.</p> <p>Process Fluid: Compressor Lube Oil</p> <p>Application: Compressor Bearing Oil Filter dP</p>	0
PT-0105	1	<p>Pressure Transmitter</p> <p>Make: Wika</p> <p>Model: E-10</p> <p>Range: 0 to 300 psig</p> <p>1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 1390psi burst pressure, Secondary Seal Approval.</p> <p>Process Fluid: Compressor Lube Oil</p> <p>Application: Compressor Bearing Oil Filter dP</p>	0

PT-0107	1	Pressure Transmitter Make: Wika Model: E-10 Range: 0 to 300 psig 1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 1390psi burst pressure, Secondary Seal Approval. Process Fluid: Compressor Lube Oil Application: Compressor Bearing Oil dP	0
PT-0108	1	Pressure Transmitter Make: Wika Model: E-10 Range: 0 to 300 psig 1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 1390psi burst pressure, Secondary Seal Approval. Process Fluid: Compressor Lube Oil Application: Compressor Bearing Oil dP	0
PT-0109	1	Pressure Transmitter Make: Wika Model: E-10 Range: 0 to 300 psig 1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 1390psi burst pressure, Secondary Seal Approval. Process Fluid: Compressor Lube Oil Application: Compressor Main Oil Injection Filter dP	0
PT-0110	1	Pressure Transmitter Make: Wika Model: E-10 Range: 0 to 300 psig 1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 1390psi burst pressure, Secondary Seal Approval. Process Fluid: Compressor Lube Oil Application: Compressor Main Oil Injection Filter dP	0
PT-0112	1	Pressure Transmitter Make: Wika Model: E-10 Range: 0 to 100 psig 1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 500psi maximum pressure, 600psi burst pressure, Secondary Seal Approval. Process Fluid: Engine Oil Application: Engine Oil Pressure Transmitter	0
PT-0116	1	Pressure Transmitter Make: Wika Model: E-10 Range: -30" Hg to 30 psig 1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 250psi maximum pressure, 250psi burst pressure, Secondary Seal Approval. Process Fluid: Air / Natural Gas Application: Engine Intake Manifold Pressure Transmitter	0

PT-0117	1	<p>Pressure Transmitter  Make: Wika  Model: E-10  Range: 0 to 500 psig  1/2" MNPT Process Connection, 4 - 20 mA output, 316SS wetted parts, 304SS body, silicone oil transmitting fluid, 1160psi maximum pressure, 5800psi burst pressure, Secondary Seal Approval.  Process Fluid: Compressor Lube Oil  Application: Compressor Pre-Lube Pump Pressure Transmitter</p>	0
PV-0100	1	<p>Control Valve  Make: Fisher  Model: D2 FloPro (Fail Open)  Description: 1" FNPT connections, globe style, 1/2" port (1/4", 3/8", 1/2" adjustable plug travel), LCC body &amp; bonnet, alloy 6 and 316 stainless steel trim, PTFE and nitrile seals, nitrile/polyester diaphragm, 1/4" FNPT diaphragm actuation and vent ports, field reversible actuator.  Rating: B16.34 Class 900, 2185 psig at -50 to 300 deg. F. Maximum differential pressure of 1500 psi. NACE MR0175 compliant. Required actuator applied pressure of 30 to 35 psi, 40 psig maximum.  Application: Auto-Blowdown Valve  Process Fluid: Air  Note: Set plug travel to control blowdown rate as required.</p>	0
PV-0101	1	<p>Control Valve  Make: Fisher  Model: V200 (Fail Open)  Description: 6" ANSI Class 300/600 wafer style flangless valve body, WCC construction, chrome plated CG8M (317 stainless steel) ball, TCM ball seal, c/w 1051 size 60 diaphragm rotary actuator, nitrile diaphragm and seals, 1/4" FNPT actuator port.  Actuator Configuration: Right-hand mount, PDTC, style A, position 1  Rating: ANSI Class 600 pressure-temperature rating, 75 psig maximum actuator pressure.   C/W Valve mounted Fisher i2P-100 - Description: 4 to 20 mA input signal, 3 to 15, 6 to 30 and 2 to 33 psig field configurable output, 1/4" FNPT inlet/outlet/vent connections, 1/2" NPT conduit connection, low copper aluminum housing, nitrile seals. (See UY-1158)  Process Fluid: Air  Application: Discharge Pressure Control Valve</p>	0
PV-0102	1	<p>Starter Motor Relay Valve  Make: TDI  Model: RLVA-25683-001-2-01  Description: 1-1/2" FNPT connections, nickel plated aluminum body, aluminum internals, Buna N o-rings, pneumatically controlled for operation with compressed natural gas, 1/4" FNPT pilot port.  Rating: 450 psig M.A.W.P., -20 to 200 deg. F operating range.</p>	0
PV-0103	1	<p>Engine Pre/Post-Lube Pump Relay Valve  Make: TDI  Model: RLVA-25683-001-2-01  Description: 1-1/2" FNPT connections, nickel plated aluminum body, aluminum internals, Buna N o-rings, pneumatically controlled for operation with compressed natural gas, 1/4" FNPT pilot port.  Rating: 450 psig M.A.W.P., -20 to 200 deg. F operating range.</p>	0
PV-0107	1	<p>Control Valve  Make: Fisher  Model: D2 FloPro (Fail Closed)  Description: 1" FNPT connections, globe style, 3/8" port (1/4", 3/8", 1/2" adjustable plug travel), LCC body &amp; bonnet, alloy 6 and 316 stainless steel trim, PTFE and nitrile seals, nitrile/polyester diaphragm, 1/4" FNPT diaphragm actuation and vent ports, field reversible actuator.  Rating: B16.34 Class 900, 2185 psig at -50 to 300 deg. F. Maximum differential pressure of 1500 psi. NACE MR0175 compliant. Required actuator applied pressure of 30 to 35 psi, 40 psig maximum.  Application: De-Icing Valve  Process Fluid: Air  Note: Set plug travel to control rate as required.</p>	0

SE-2101	1	<p>Magnetic Pick-Up  Make: Dynalco  Model: M204  Description: 2.5" long 5/8"-18 (UNF) threaded connection with locknut, 3.625" O.A.L., 0.187" diameter pole piece, MS3106A -10SL-4S mating electrical connection, output power zenor.  Rating: 15 to 17 output voltage peak-to-peak, -65 to 225 deg. F operating temperature range, CSA approved intrinsically safe, Class 1, Div.1 .  Process Fluid: NA  Application: Engine Speed Pickup  Note: Shop to supply cable</p>	0
TC-0102	1	<p>Temperature Controller  Make: Kimray  Model: T12DA (Set at 120 deg. F)  Description: direct acting, 1/2" MNPT process connection, 1/4" FNPT supply/output connections, 1/8" FNPT vent connection, .375" diameter stainless steel probe, ductile iron body, c/w (1) thermowell, 1" NPT process connection, 1/2" instrument connection, 10.5" 'U' length, 12" O.A.L. .375" I.D. 316 stainless steel.  Rating: (controller) 5 to 30 psig gas supply pressure, 500 psig process, -30 to 400 deg. F temperature range.  Process Fluid: Instrument Gas  Application: Process Gas Auto-Louvers  Note: Vent/supply lines reversed for indirect control.</p>	0
TC-0111	1	<p>Temperature Controller  Make: Kimray  Model: T12DA (Set at -15 degC)  Description: direct acting, 1/2" MNPT process connection, 1/4" FNPT supply/output connections, 1/8" FNPT vent connection, .375" diameter stainless steel probe, ductile iron body, c/w (1) thermowell, 1" NPT process connection, 1/2" instrument connection, 10.5" 'U' length, 12" O.A.L. .375" I.D. 316 stainless steel.  Rating: (controller) 5 to 30 psig gas supply pressure, 500 psig process, -30 to 400 deg. F temperature range.  Process Fluid: Instrument Gas  Application: Recirc Auto-Louvers</p>	0
TCV-0100	1	<p>Hansen Thermostatic control valve  Model# 3" HOTV  3" BW connections  Cast steel body 400 psig MAWP  77 deg C (170 deg F) element  stainless steel element with plated sensing bulb  Process Fluid: Compressor Lube Oil  Application: Compressor Oil Temperature Control Valve.</p>	0
TE-0101.1	1	<p>Resistance Temperature Detector  Make: Wika  Model: TR10-0-I-SCZ3FS-1-FGZZK-030-CBK-C1-P-00900-ZZ  Description: Local mount RTD sensor with XP head and spring loaded tip, single circuit, 1/2" NPT instrument connection, 3/4" NPT conduit connection, 3-pole crastin terminal block, 100 Ohm Pt (Class A), standard 1/4" sensor diameter, 316 stainless steel sensor material, 3 lead wires, low temperature (200 degree C maximum), 3" N-dimension, 9" A-dimension  Rating: Allowable for use in Class 1, Div. 2 area by way of CEC exemption for RTDs as per Section 18-150.  Process Fluid: Air / Compressor Lube Oil (Thermowell)  Application: Compressor Discharge Temperature</p>	0
TE-0101.2	1	<p>Thermowell  Make: Wika  Model: TW10-FCID-E-B-UD-3-06750-02250-G1-G1-M-A-0750-0500-ZZ-Z-Z  Description: 2" 300# ANSI RF flanged process connection, 1/2" NPT instrument connection, 304SS, 6.75" insertion length.  MTR required.  Rating: 300psig @ 250F (minimum)  Process Fluid: Air / Compressor Lube Oil  Application: Compressor Discharge Temperature  Note: Thermowell to fit TE-0101.1</p>	0



TE-0106.1	1	Resistance Temperature Detector Make: Wika Model: TR10-0-I-SCZ3FS-1-FGZZK-030-CBK-C1-P-00400-ZZ Description: Local mount RTD sensor with XP head and spring loaded tip, single circuit, 1/2" NPT instrument connection, 3/4" NPT conduit connection, 3-pole crastin terminal block, 100 Ohm Pt (Class A), standard 1/4" sensor diameter, 316 stainless steel sensor material, 3 lead wires, low temperature (200 degree C maximum), 3" N-dimension, 4" A-dimension Rating: Allowable for use in Class 1, Div. 2 area by way of CEC exemption for RTDs as per Section 18-150. Process Fluid: Compressor Lube Oil (Thermowell) Application: Compressor Oil Temperature	0
TE-0106.2	1	Thermowell Make: Wika Model: TW15-HCI-NE-UD-02500-01750-G1-A-0750-0500-ZZ-Z-Z Description: 3/4" MNPT process connection, 1/2" FNPT instrument connection, 304SS, 2.5" insertion length. MTR required. Rating: 300psig @ 250F (minimum) Process Fluid: Compressor Lube Oil Application: Compressor Oil Temperature Note: Thermowell to fit TE-0101.1	0
TE-0107	1	Resistance Temperature Detector Make: Wika - Alltemp Model: RAN-S-14-R-120-2-3-UT-6 Description: Armoured cable remote RTD sensor, single circuit, 1/4" sensor diameter, Inconel sensor material, 120" cable length, 100 Ohm platinum (Class A), 3 lead wires, ultra high temperature (750 degree C maximum) and high vibration, 6" sensor length. Rating: Allowable for use in Class 1, Div. 2 area by way of CEC exemption for RTD's as per Section 18-150 Process Fluid: Engine Oil Application: Engine Oil Temperature  NOTE: Shop to supply thermowell.	0
TE-0108	1	Resistance Temperature Detector Make: Wika - Alltemp Model: RAN-S-14-R-120-2-3-UT-6 Description: Armoured cable remote RTD sensor, single circuit, 1/4" sensor diameter, Inconel sensor material, 120" cable length, 100 Ohm platinum (Class A), 3 lead wires, ultra high temperature (750 degree C maximum) and high vibration, 6" sensor length. Rating: Allowable for use in Class 1, Div. 2 area by way of CEC exemption for RTD's as per Section 18-150 Process Fluid: 50/50 Water/Glycol Application: EJW Temperature  NOTE: Shop to supply thermowell.	0
TE-0109	1	Resistance Temperature Detector Make: Wika - Alltemp Model: RAN-S-14-R-120-2-3-UT-6 Description: Armoured cable remote RTD sensor, single circuit, 1/4" sensor diameter, Inconel sensor material, 120" cable length, 100 Ohm platinum (Class A), 3 lead wires, ultra high temperature (750 degree C maximum) and high vibration, 6" sensor length. Rating: Allowable for use in Class 1, Div. 2 area by way of CEC exemption for RTD's as per Section 18-150 Process Fluid: Air / Natural Gas Application: Manifold Temperature  NOTE: Shop to supply compression fitting for installation.	0

TE-0111.1	1	Resistance Temperature Detector Make: Wika Model: TR10-0-I-SCZ3FS-1-FGZZK-030-CBK-C1-P-00900-ZZ Description: Local mount RTD sensor with XP head and spring loaded tip, single circuit, 1/2" NPT instrument connection, 3/4" NPT conduit connection, 3-pole crastin terminal block, 100 Ohm Pt (Class A), standard 1/4" sensor diameter, 316 stainless steel sensor material, 3 lead wires, low temperature (200 degree C maximum), 3" N-dimension, 9" A-dimension Rating: Allowable for use in Class 1, Div. 2 area by way of CEC exemption for RTDs as per Section 18-150. Process Fluid: Air Application: Mixing Box Outlet Temp	0
TE-0111.2	1	Thermowell Make: Wika Model: TW15-H-C-I-NE-UD-07500-01750-G1-A-0750-0500-ZZ-Z-Z Description: 304SS, 7.5" insertion length, 1.75" head length. Process Fluid: Air Application: Mixing Box Outlet Temp	0
TI-0100.1	1	Temperature Indicator Make: Trend Model: 50-090-A-0-06-A-4-SF Description: 5" dial, back connected with reset, 9.0" stem length, dual scale (F&C), 0 to 250 deg F range, standard acrylic plastic lense, standard 1/2" NPT connection, silicone filled, 304 stainless steel case/stem, 1/4" diameter stem Rating: Meets ASME B40.3 Process Fluid: Air Application: Mixing Box Outlet Temp	0
TI-0100.2	1	Thermowell Make: Wika Model: TW15-H-C-I-NE-UD-07500-01750-G1-A-0750-0500-ZZ-Z-Z Description: 304SS, 7.5" insertion length, 1.75" head length. MTR REQUIRED Process Fluid: Air Application: Mixing Box Outlet Temp	0
TI-0102.1	1	Temperature Indicator Make: Trend Model: 50-060-A-0-06-A-4-SF Description: 5" dial, back connected with reset, 6.0" stem length, dual scale (F&C), 0 to 250 deg F range, standard acrylic plastic lense, standard 1/2" NPT connection, silicone filled, 304 stainless steel case/stem, 1/4" diameter stem Rating: Meets ASME B40.3 Process Fluid: Air Application: AC Outlet Temp	0
TI-0102.2	1	Thermowell Make: Wika Model: TW15-H-C-I-NE-UD-04500-01750-G1-A-0750-0500-ZZ-Z-Z Description: 304SS, 4.5" insertion length, 1.75" head length. MTR REQUIRED Process Fluid: Air Application: AC Outlet Temp	0
TI-0103.1	1	Temperature Indicator Make: Trend Model: 50-040-A-0-06-A-4-SF Description: 5" dial, back connected with reset, 4.0" stem length, dual scale (F&C), 0 to 250 deg F range, standard acrylic plastic lense, standard 1/2" NPT connection, silicone filled, 304 stainless steel case/stem, 1/4" diameter stem Rating: meets ASME B40.3 Process Fluid: Compressor Oil Application: Comp Oil Cooler Inlet Temp	0

TI-0103.2	1	<p>Thermowell  Make: Wika  Model: TW15-H-C-I-NE-UD-02500-01750-G1-A-0750-0500-ZZ-Z-Z  Description: 304SS, 2.5" insertion length, 1.75" head length.  MTR REQUIRED  Process Fluid: Compressor Oil  Application: Comp Oil Cooler Inlet Temp</p>	0
TI-0104.1	1	<p>Temperature Indicator  Make: Trend  Model: 50-040-A-0-06-A-4-SF  Description: 5" dial, back connected with reset, 4.0" stem length, dual scale (F&amp;C), 0 to 250 deg F range, standard acrylic plastic lense, standard 1/2" NPT connection, silicone filled, 304 stainless steel case/stem, 1/4" diameter stem  Rating: meets ASME B40.3  Process Fluid: Compressor Oil  Application: Comp Oil Cooler Outlet Temp</p>	0
TI-0104.2	1	<p>Thermowell  Make: Wika  Model: TW15-H-C-I-NE-UD-02500-01750-G1-A-0750-0500-ZZ-Z-Z  Description: 304SS, 2.5" insertion length, 1.75" head length.  MTR REQUIRED  Process Fluid: Compressor Oil  Application: Comp Oil Cooler Outlet Temp</p>	0
TI-0105.1	1	<p>Temperature Indicator  Make: Trend  Model: 50-040-A-0-06-A-4-SF  Description: 5" dial, back connected with reset, 4.0" stem length, dual scale (F&amp;C), 0 to 250 deg F range, standard acrylic plastic lense, standard 1/2" NPT connection, silicone filled, 304 stainless steel case/stem, 1/4" diameter stem  Rating: meets ASME B40.3  Process Fluid: Compressor Oil  Application: Comp Oil Header Temp</p>	0
TI-0105.2	1	<p>Thermowell  Make: Wika  Model: TW15-H-C-I-NE-UD-02500-01750-G1-A-0750-0500-ZZ-Z-Z  Description: 304SS, 2.5" insertion length, 1.75" head length.  MTR REQUIRED  Process Fluid: Compressor Oil  Application: Comp Oil Header Temp</p>	0
TI-0110.1	1	<p>Temperature Indicator  Make: Trend  Model: 50-090-A-0-06-A-4-SF  Description: 5" dial, back connected with reset, 9.0" stem length, dual scale (F&amp;C), 0 to 250 deg F range, standard acrylic plastic lense, standard 1/2" NPT connection, silicone filled, 304 stainless steel case/stem, 1/4" diameter stem  Rating: Meets ASME B40.3  Process Fluid: Air / Comp Oil  Application: Compressor Discharge Temperature (Pre-Cooler)</p>	0
TI-0110.2	1	<p>Thermowell  Make: Wika  Model: TW10-FCID-E-B-UD-3-07000-02250-G1-G1-M-A-0750-0500-ZZ-Z-Z  Description: 2" 300# ANSI RF flanged process connection, 1/2" NPT instrument connection, 304SS, 7.0" insertion length, 2.25" head length.  MTR REQUIRED  Rating: 300psig @ 250F (minimum)  Process Fluid: Air / Compressor Lube Oil  Application: Compressor Discharge Temperature</p>	0
TS-0100	1	<p>Caloritech Heater Built-in Thermostat  Note: supplied with Oil Separator Immersion Heater  See HTR-0100</p>	0
TS-0100	1	<p>Caloritech Heater Built-in Thermostat  Note: supplied with Oil Separator Immersion Heater  See HTR-0100</p>	0

TY-0102	1	<p>Actuator, Pneumatic</p> <p>Make: Garzo or Johnson Controls or equivalent</p> <p>Model: 501-6(12) or D-3153 or equivalent</p> <p>Description: diaphragm-piston linear actuator.</p> <p>Rating: 6-30 psig control pressure, (100 psig maximum - Garzo).</p> <p>Process Fluid: Instrument Gas</p> <p>Note: Supplied with air cooled heat exchanger. Description for information only. Do not use for purchasing.</p>	0
UV-0104	1	<p>Fisher switching valve</p> <p>Model 119, Set at 30 psi</p> <p>c/w 1" NPT connection, 1/4" orifice, 30 to 60 Psi spring range, 150 Psi maximum pressure.</p> <p>Process Fluid: Air</p> <p>Application: Compressor Prelube Pump</p>	0
UY-0100	1	<p>Solenoid Valve</p> <p>Make: ASCO</p> <p>Model: EF8320-G202-24</p> <p>Description: 1/4" NPT connections, 3/32" orifice, 3-way, direct acting, normally closed, 24 VDC coil, 303 stainless steel body, stainless steel internals, NBR seals and disc.</p> <p>Rating: Maximum operating differential pressure 115 psi at 150 deg. F fluid temperature. 11.6 W @ 20° C, 32-104 deg. F ambient range, NEMA Type 7 solenoid enclosure, CSA, UL, CE approved Class 1, Div. I, Groups C&amp;D, TC3.</p> <p>Process Fluid: Instrument Gas</p> <p>Application: Auto Blowdown Control Valve Pilot</p>	0
UY-0100A/B	1	<p>Solenoid Operated 4-Way Valve</p> <p>Ariel Part No.: 001988</p> <p>Size: D-O3, 21 usgpm, MAWP 4600 psig</p> <p>Process Fluid: Compressor Lube Oil</p> <p>Application: Vi Valve Control</p> <p>Note: Supplied with Compressor</p>	0
UY-0101	1	<p>I/P Converter</p> <p>Make: Fisher</p> <p>Model: i2P-100</p> <p>Description: 4 to 20 mA input signal, 3 to 15, 6 to 30 and 2 to 33 psig field configurable output, 1/4" FNPT inlet/outlet/vent connections, 1/2" NPT conduit connection, low copper aluminum housing, nitrile seals.</p> <p>Rating: 50 psig maximum supply pressure. CSA approved explosion proof, intrinsically safe. Electrical housing NEMA 3R, IP66. Approved for use with natural gas.</p> <p>Process Fluid: Instrument Gas</p> <p>Application: Discharge Pressure Control Valve</p> <p>Note: Configure for 6 to 30, mount on PV-1158</p>	0
UY-0101A/B	1	<p>Solenoid Operated 4-Way Valve</p> <p>Ariel Part No.: 001988</p> <p>Size: D-O3, 21 usgpm, MAWP 4600 psig</p> <p>Process Fluid: Compressor Lube Oil</p> <p>Application: Slide Valve Control</p> <p>Note: Supplied with Compressor</p>	0
UY-0102	1	<p>Solenoid Valve</p> <p>Make: ASCO</p> <p>Model: EF8320-G202-24</p> <p>Description: 1/4" NPT connections, 3/32" orifice, 3-way, direct acting, normally closed, 24 VDC coil, 303 stainless steel body, stainless steel internals, NBR seals and disc.</p> <p>Rating: Maximum operating differential pressure 115 psi at 150 deg. F fluid temperature. 11.6 W @ 20° C, 32-104 deg. F ambient range, NEMA Type 7 solenoid enclosure, CSA, UL, CE approved Class 1, Div. I, Groups C&amp;D, TC3.</p> <p>Process Fluid: Instrument Gas</p> <p>Application: Start Gas Control Valve Pilot</p>	0

UY-0103	1	<p>Solenoid Valve  Make: ASCO  Model: EF8320-G202-24  Description: 1/4" NPT connections, 3/32" orifice, 3-way, direct acting, normally closed, 24 VDC coil, 303 stainless steel body, stainless steel internals, NBR seals and disc.  Rating: Maximum operating differential pressure 115 psi at 150 deg. F fluid temperature. 11.6 W @ 20° C, 32-104 deg. F ambient range, NEMA Type 7 solenoid enclosure, CSA, UL, CE approved Class 1, Div. I, Groups C&amp;D, TC3.  Process Fluid: Instrument Gas  Appliction: Engine Pre/Post Lube Control Valve Pilot</p>	0
UY-0104	1	<p>Solenoid Valve  Make: ASCO  Model: EF8320-G202-24  Description: 1/4" NPT connections, 3/32" orifice, 3-way, direct acting, normally closed, 24 VDC coil, 303 stainless steel body, stainless steel internals, NBR seals and disc.  Rating: Maximum operating differential pressure 115 psi at 150 deg. F fluid temperature. 11.6 W @ 20° C, 32-104 deg. F ambient range, NEMA Type 7 solenoid enclosure, CSA, UL, CE approved Class 1, Div. I, Groups C&amp;D, TC3.  Process Fluid: Instrument Air  Appliction: Compressor Prelube Pump</p>	0
UY-0107	1	<p>Solenoid Valve  Make: ASCO  Model: EF8320-G202-24  Description: 1/4" NPT connections, 3/32" orifice, 3-way, direct acting, normally closed, 24 VDC coil, 303 stainless steel body, stainless steel internals, NBR seals and disc.  Rating: Maximum operating differential pressure 115 psi at 150 deg. F fluid temperature. 11.6 W @ 20° C, 32-104 deg. F ambient range, NEMA Type 7 solenoid enclosure, CSA, UL, CE approved Class 1, Div. I, Groups C&amp;D, TC3.  Process Fluid: Instrument Gas  Appliction: De-Icing Control Valve Pilot</p>	0
V402	1	<p>Vessel, Oil Separator/Coalescer  Make: Toromont  Model: 48" I.D. x 102" S/S  Description: 12" 300# RF inlet/outlet connections, 18"-300# ANSI manway filter access, c/w (7) RSC-1175-03 filter elements.  Rating: M.A.W.P. = 350 psig at 250 deg. F, M.D.M.T = -20 deg. F at 350 psig, 0.0625" C.A.  Process Fluid: Air / Compressor Lube Oil  Application: Compressor Oil Separator/Coalescer  Note: Description for information only, do not use for purchasing.</p>	0
VT-0100	1	<p>Metrix Vibration Transmitter  Model # ST5484E-123-020-00  Frequency range: 2-1500 Hz +/- 5%  Temperature Range: -40 to 100° C  Vibration Range: 0 to 2.0 ips (50 mm/s)  c/w 24 VDC, 4-20 mA output,  CSA/NRTL approved, CI 1, Div 1, Gr. B,C,D, &amp; CI 1, Div 2, Gr E,F,G.  Application: Compressor Vibration Drive End</p>	0
VT-0101	1	<p>Metrix Vibration Transmitter  Model # ST5484E-123-020-00  Frequency range: 2-1500 Hz +/- 5%  Temperature Range: -40 to 100° C  Vibration Range: 0 to 2.0 ips (50 mm/s)  c/w 24 VDC, 4-20 mA output,  CSA/NRTL approved, CI 1, Div 1, Gr. B,C,D, &amp; CI 1, Div 2, Gr E,F,G.  Application: Engine</p>	0
VT-0102	1	<p>Metrix Vibration Transmitter  Model # ST5484E-123-020-00  Frequency range: 2-1500 Hz +/- 5%  Temperature Range: -40 to 100° C  Vibration Range: 0 to 2.0 ips (50 mm/s)  c/w 24 VDC, 4-20 mA output,  CSA/NRTL approved, CI 1, Div 1, Gr. B,C,D, &amp; CI 1, Div 2, Gr E,F,G.  Application: Air Cooler Input Shaft</p>	0

XCV-0100	1	Liquid Drainer Make: Watson-McDaniel Model: WLD1811 Description: 3/4" FNPT inlet, 1/2" FNPT outlet, 0.078" orifice, 304 stainless steel housing and float. Rating: 400 psig M.A.W.P. Process: Water / Natural Gas Condensate Application: Fuel Gas Filter Liquids Drainer	0
ZE-0100	1	Proximity Sensor, Inductive Make: Madi Model: Madi-X 24VDC, 4-20mA output, 0° to 260° range. CSA Class I Div. II Function: Vi position	0
ZE-0101	1	Proximity Sensor, Inductive Make: Madi Model: Madi-X 24VDC, 4-20mA output, 0° to 260° range. CSA Class I Div. II Function: Slide valve position	0
2101	1	Building Make: Warwick or Equivalent Model: Gable Style, Self-Framing (4:12 roof slope) Description: 247" W x 375.5" L x 219" E, 22 ga. galvanized TAN steel exterior with METRO BROWN trim, 20 ga. white perforated fluted aluminum interior (10% free area) below above 3ft with white fluted aluminum below 3ft, R12 insulation with 6mm vapour barrier in walls, R20 insulation in roof, c/w: (2) 6' x 7' double mandoor, panic hardware inside, locking hardware outside, IWG window in both doors, R12 insulated, 18ga doors, 16ga frames. (4) 40" x 40" double glazed sliding window c/w 1/2 screen (1) 9" continuous roof ridge vent (4) 18" x 32" wall louvres (1) 12" x 12" utility hatch (3) 120VAC building exhaust fan. Class 1, Div 1 approved. Removable panels above engine and compressor, Continuous ice rakes, door canopies, PEng. stamped. Note: Building dimensions are for quoting purposes only. Building supplier to confirm prior to construction.	0
2103	1	Coupling, Compressor Make: Rexnord Model: Thomas series CMR, size 450 Description: Flexible disc coupling, spacer type, 7.62" spacer dimension (face of flywheel to end of comp shaft), 4.5" maximum shaft bore size. Application: Compressor Coupling Note: Order rough hub. EFX to machine.	0
2104	8	Equipment Supports Make: Vibracon Model: SM20CS-ID30 Description: self-leveling, height adjustable chock, carbon steel material, 45 mm (1.772") nominal height, 40 mm (1.575") minimum height, 50 mm (1.969") maximum height, 30mm (1.102") bolt hole. Rating: 25 kN (5620 lbs) machine load. Application: Engine Mount Note: Shop to oil to prevent corrosion	0
2105	4	Equipment Supports Make: Vibracon Model: SM20CS-ID30 Description: self-leveling, height adjustable chock, carbon steel material, 45 mm (1.772") nominal height, 40 mm (1.575") minimum height, 50 mm (1.969") maximum height, 30mm (1.102") bolt hole. Rating: 25 kN (5620 lbs) machine load. Application: Compressor Mount Note: Shop to oil to prevent corrosion	0

2106	1	Lights, Exterior Make: Crouse Hinds Description: 150W HPS fixture, Class 1, Div. 2, c/w ballast, globe and guard, mounting box, 150W HPS Mogul Lamp. Includes: VMVS150/TT BALLAST HOUSING TWM2 WALL MOUNT MODULE G24 GLOBE P21 GUARD C150S55 LAMP	0
2107	1	Lights, Exterior Make: Crouse Hinds Description: 150W HPS fixture, Class 1, Div. 2, c/w ballast, globe and guard, mounting box, 150W HPS Mogul Lamp. Includes: VMVS150/TT BALLAST HOUSING TWM2 WALL MOUNT MODULE G24 GLOBE P21 GUARD C150S55 LAMP	0
2108	1	Lights, Interior Make: Crouse Hinds Description: 150W HPS fixture, Class 1, Div. 2, c/w ballast, globe and guard, mounting box, 150W HPS Mogul Lamp. Includes: VMVS150/TT BALLAST HOUSING CM2 CEILING MOUNT MODULE G24 GLOBE P21 GUARD C150S55 LAMP	0
2109	1	Lights, Interior Make: Crouse Hinds Description: 150W HPS fixture, Class 1, Div. 2, c/w ballast, globe and guard, mounting box, 150W HPS Mogul Lamp. Includes: VMVS150/TT BALLAST HOUSING CM2 CEILING MOUNT MODULE G24 GLOBE P21 GUARD C150S55 LAMP	0
2110	1	Lights, Interior Make: Crouse Hinds Description: 150W HPS fixture, Class 1, Div. 2, c/w ballast, globe and guard, mounting box, 150W HPS Mogul Lamp. Includes: VMVS150/TT BALLAST HOUSING CM2 CEILING MOUNT MODULE G24 GLOBE P21 GUARD C150S55 LAMP	0
2111	1	Lights, Interior Make: Crouse Hinds Description: 150W HPS fixture, Class 1, Div. 2, c/w ballast, globe and guard, mounting box, 150W HPS Mogul Lamp. Includes: VMVS150/TT BALLAST HOUSING CM2 CEILING MOUNT MODULE G24 GLOBE P21 GUARD C150S55 LAMP	0

2112	1	Sheave Make: TB Woods or Equivalent Model: 5V5005 Description: (1) 50" OD, 5-groove, V-section sheave. Application: Cooler Fan Sheave	0
2113	1	Bushing Make: TB Woods or Equivalent Model: J3716 Description: (1) J bushing to fit a 50" OD, 5-groove, V-section sheave to a 3-7/16" shaft with a 7/8" x 7/16" keyway. Application: Cooler Fan Sheave	0
2114	1	Sheave Make: TB Woods or Equivalent Model: 5V756 Description: (1) 7.5" OD, 6-groove, V-section sheave Application: Cooler Idler Sheave Note: Optional Generator To Be Run Off Cooler Idler.	0
2115	1	Bushing Make: TB Woods or Equivalent Model: SF2716 Description: (1) SF bushing to fit a 7.5" OD, 6-groove, V-section sheave to a 2-7/16" shaft with a 5/8" keyway Application: Cooler Idler Sheave	0
2116	1	Sheave Make: TB Woods or Equivalent Model: 5V856 Description: (1) 8.5" OD, 6-groove V-section sheave. Application: Engine Sheave Note: 1400 RPM driver speed	0
2117	1	Bushing Make: TB Woods or Equivalent Model: E212 Description: (1) E bushing to fit a 8.5" OD, 6-groove, V-section sheave to a 2.5" shaft with a .36" keyway Application: Engine Sheave Note: 1400 RPM driver speed	0
2156	1	Building Fan Make: TBA Model: TBA (1) 120VAC building exhaust fan. XP, Class 1, Div 1 approved.	0
2157	1	Building Fan Make: TBA Model: TBA (1) 120VAC building exhaust fan. XP, Class 1, Div 1 approved.	0
2158	1	Building Fan Make: TBA Model: TBA (1) 120VAC building exhaust fan. XP, Class 1, Div 1 approved.	0
4101	1	Oil Filter Assembly Make: Baldwin Model: BF-914 Description: FB1307 base c/w 1" NPT connections, 3-3/4" O.D., 2-21/32 length, 1"-12 (UNF) threaded stud. BF915 filter c/w 3-11/16" O.D., 7-7/16" length. Rating: NA Process Fluid: Engine oil Application: Engine Make Up Oil Filter	0
4102	1	Secondary Engine Oil Filter Make: Failure Prevention Services Model: FPE-300-OCB w/ Oil Control Base Process Fluid: Engine Oil Application: Engine Oil	0



5101.1	1	<p>Starter Motor, Pneumatic</p> <p>Make: TDI</p> <p>Model: T121-60001-B1R-0-00</p> <p>Description: T100B series starter, 2" FNPT inlet, 21 nozzles, SAE 3 mount, inertia drive, right-hand (CW) rotation, 6/8 pinion tooth pitch, 7.5:1 ratio.</p> <p>Rating: 30 to 90 psi operating range, 400 psig static body pressure, 600 psig static proof pressure.</p> <p>Process Fluid: Natural Gas</p> <p>Application: Starter Motor for a Caterpillar 3516</p>	0
5101.2	1	<p>Starter Motor, Exhaust</p> <p>Make: TDI</p> <p>Model: As Per Drawing 27900</p> <p>Description: 3" MNPT 90 degree exhaust kit for a T100B starter, c/w exhaust housing with 1/4" pressure tap, screws, Buna N seal.</p> <p>Rating: NA</p> <p>Process Fluid: Natural Gas</p> <p>Application: Starter Motor Exhaust</p>	0
6151	1	<p>CAT 3516 Engine Coolant Heating System</p> <p>Make: Kim Hotstart</p> <p>Model: CLER31804</p> <p>480 Volt 3 Phase, Coolant - 18 KW, 3/4 HP, 40 GPM, 100-120 F Thermostat.</p> <p>XP enclosure rated for CI 1 Div 1 &amp; 2. Rated NEMA 4.</p>	0
7103	1	<p>Engine Silencer</p> <p>Make: Silex</p> <p>Model: JDDS-14-SISO612-F14-Fo14-AL-A</p> <p>Silex Hospital Grade Silencer</p> <p>c/w 14"-125# FF inlet and outlet connections, side in at 6 o'clock, side out at 12 o'clock, gussets on outlet, "Fi" and "Fo" dimensions minimum, 1½" shell drains located for bottom entry, aluminized steel, aluminum paint.</p> <p>Process Fluid: Exhaust Gas</p> <p>Application: Engine Silencer</p>	0
7104	1	<p>Exhaust Fitting, Flex Connector</p> <p>Make: Silex</p> <p>Model: FF-8-12-268</p> <p>Description: 8" Caterpillar square flange inlet, 8" ANSI Class 125 flat face outlet, 12" O.A.L, stainless steel flex, carbon steel flanges.</p> <p>Rating: NA</p> <p>Process Fluid: Engine Exhaust Gas</p> <p>Applicaion: Flex connector for a Caterpillar 3516</p>	0
7105	1	<p>Exhaust Fitting, Expansion Joint</p> <p>Make: Silex</p> <p>Model: EJ-127-030-10.75</p> <p>Description: 12" ANSI Class 125 flat face connections, 3.0" axial deflection, 10.75" O.A.L, 2-ply T321 stainless steel bellows, carbon steel flanges.</p> <p>Rating: NA</p> <p>Process Fluid: Engine Exhaust Gas</p> <p>Applicaion: Exhaust Horizontal Expansion Joint</p>	0
7106	1	<p>Venturi Tube</p> <p>Make: NexFlow, Ring Vac</p> <p>Model: 30003T</p> <p>Description: inline venturi, 1-1/2" MNPT inlet/outlet connections, aluminum body, 3/8" FNPT compressed air supply connection.</p> <p>Rating: 36" W.C. vacuum with supply of 33 scfm compressed air at 80 psig supply.</p> <p>Process Fluid: Engine Crankcase Vapour</p> <p>Application: Crankcase Evacuator</p>	0
.25"BCN1	6	<p>Valve, Ball</p> <p>Description: 1/4", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim.</p> <p>Rating: 2000 WOG</p> <p>Application: Engine Sample Points</p>	0

.5"BCN1	7	Valve, Ball Description: 1/2", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim. Rating: 2000 WOG	0
.5"BCN1,L	3	Valve, Ball Description: 1/2", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim, locking handle. Rating: 2000 WOG	0
.75"BCN1	11	Valve, Ball Description: 3/4", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim. Rating: 2000 WOG	0
1"BCN1	17	Valve, Ball Description: 1", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim. Rating: 2000 WOG	0
1"BCN1	1	Valve, Ball Description: 1", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim. Rating: 2000 WOG	0
1"BCN1,L	2	Valve, Ball Description: 1", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim, locking handle. Rating: 2000 WOG	0
2"BCN1	8	Valve, Ball Description: 2", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim. Rating: 2000 WOG	0
3"BC31	2	Ball Valve, 3"-300#, Carbon Steel, c/w full port, API 602 800 lb rating, std. trim	0
3/8"BCN1,L	2	Valve, Ball Description: 3/8", ball valve, carbon steel body, NPT connections, 1-piece body, regular port, standard trim, locking handle. Rating: 2000 WOG	0
.25"CST5	1	Valve, Check Make: SWAGELOCK Description: 1/4" Tube fitting SS piston-type check valve	0
1"CCN2	6	Valve, Check Description: 1", check valve, carbon steel body, API 602 Class 800, NPT connections, swing (or tilting disc), standard trim.	0
3"CC31	1	Valve, Check Description: 3", check valve, carbon steel body, ANSI Class 300, wafer style body, twin flapper, standard trim (stainless disk, inconel spring).	0
10"CC31	1	Valve, Check Description: 10", check valve, carbon steel body, ANSI Class 300, wafer style body, twin flapper, standard trim (stainless disk, inconel spring).	0
12"CC31	1	Valve, Check Description: 12", check valve, carbon steel body, ANSI Class 300, wafer style body, twin flapper, standard trim (stainless disk, inconel spring).	0
.75"GCN1	1	Valve, Gate Description: 3/4", gate valve, carbon steel body, API 602 Class 800, NPT connections, standard trim.	0
1"GCN1	2	Valve, Gate Description: 1", gate valve, carbon steel body, API 602 Class 800, NPT connections, standard trim.	0
1.5"GCN1	1	Valve, Gate Description: 1.5", gate valve, carbon steel body, API 602 Class 800, NPT connections, standard trim.	0
.5"LCN1	4	Valve, Globe Description: 1/2", globe valve, carbon steel body, API 602 Class 800, NPT connections, standard trim.	0

1"LCN1	3	Valve, Globe Description: 1", globe valve, carbon steel body, API 602 Class 800, NPT connections, standard trim.	0
.25"NCN1	1	Valve, Needle Description: 1/4", needle valve, carbon steel body, NPT connections, integral seat, teflon packing. Rating: 6000 psig.	0
.375"NCN1	2	Valve, Needle Description: 3/8", needle valve, carbon steel body, NPT connections, integral seat, teflon packing. Rating: 6000 psig.	0
.5"NCN1	20	Valve, Needle Description: 1/2", needle valve, carbon steel body, NPT connections, integral seat, teflon packing. Rating: 6000 psig	0
.5"NCN1	1	Valve, Needle Description: 1/2", needle valve, carbon steel body, NPT connections, integral seat, teflon packing. Rating: 6000 psig	0
.75"NCM3	10	Valve, Needle Description: 3/4" MNPT x 1/2" FNPT, needle valve, carbon steel body, NPT connections, integral seat, teflon packing. Rating: 6000 psig.	0
4"UI11	1	Valve, Butterfly Description: 4", butterfly valve, cast iron body, ANSI Class 150, wafer style body with lever and notch plate, standard trim. Rating: 200 WOG	0
12"UI11	4	Valve, Butterfly Description: 12", butterfly valve, cast iron body, ANSI Class 150, wafer style body with lever and notch plate, standard trim. Rating: 200 WOG	0
.5"YCN1	1	Strainer, "Y" Description: 1/2", Y-strainer, carbon steel body, NPT connections, 1/16" perforations, liquid service mesh, 600# design.	0
.75"YCN1	1	Strainer, "Y" Description: 3/4", Y-strainer, carbon steel body, NPT connections, 1/16" perforations, liquid service mesh, 600# design.	0
1"YCN1	2	Strainer, "Y" Description: 1", Y-strainer, carbon steel body, NPT connections, 1/16" perforations, liquid service mesh, 600# design.	0
2"YCN1	1	Strainer, "Y" Description: 2", Y-strainer, carbon steel body, NPT connections, 1/16" perforations, liquid service mesh, 600# design.	0
3"YC3X	1	Strainer, "Y" Description: 3", Y-strainer, carbon steel body, 300# ANSI flanged connections, 1/8" perforations, liquid service mesh.	0