



P-252
 MAKE: VIKING
 MODEL: 4-1462-2231-503
 HP/RPM: 3HP/1150RPM
 460V/3PH/60HZ
 CLASS 1, ZONE 2
 GROUP IIA/IIB
 T3-TEMP CODE
 TEXP

K-250
 ARIEL: JGR/4

C-253
 MAKE: GLOBAL HEAT TRANSFER
 MODEL: AX30 250
 HP/RPM: 1/2 HP/1725 RPM
 115/208-230V/1PH/60HZ
 XP
 CLASS I, DIV II, ZONE II
 GROUPS B,C & D
 TEMP CODE T3

BILL OF MATERIALS				
MK	QTY	PART NUMBER	DESCRIPTION	
600	0	PNL0001	PANEL MOUNTED BALL VALVE AND TEST TEE, 1/4", 316SS MFG:	
			SWAGelok MODEL: SS-43GS4 (QTY: 1, c/w PANEL)	
610	1	LLC-500	CONTROLLER/SWITCH, OIL LEVEL, XP, UNIVERSAL MOUNT MFG: KENCO MODEL: KLCE-9	
615	1	HEE-1130	HEAT EXCHANGER, 12GPM, MAWP:250PSIG@250°F, 1 PASS, 1725RPM, 1/2HP, 115/208-230V/1PH/60HZ, TEXP, NEMA-56C MFG: GLOBAL HEAT TRANSFER MODEL: AX30 250	
638	2	TI-1014	IND, TEMP, 50-300°F, DS, 3"DIAL, 1/2"-NPT, 2-1/2" STEM, CBM,SS MFG: WIKA MODEL: 33025A008G4	
640	1	PMP-1083	PUMP, GEAR, 1-1/2"-FNPT X 1-1/2"-FNPT, 12GPM@1150RPM, W/ MOTOR ELECTRIC, 3HP, CL IDIV II, C/W BASEPLATE MFG: VIKING MODEL: H-4195	
650	1	TCP-K403	THERMOCOUPLE,"K",1/2"NPT,1/4"ODX4" 316SS MFG: WESTERN GAUGE MODEL: 1K1BKU4ZZ3120FTA	
653	3	TOW-1084	THERMOWELL, TAPERED, 3/4"-MNPT X 1/2"-FNPT, 1.38" U, 2.75" OAL, 0.26" BORE, MAWP:7038PSIG@300°F, BODY:316 SS, SOUR MFG: WESTERN GAUGE MODEL: 3/4-025-316T	
655	0	NPN	PRESSURE TRANSMITTER, 0-800PSIG, MFG: ROSEMOUNT MODEL: 2051 (QTY: 1, C/W PANEL)	
666	3	BVS-053F	VALVE, BALL, 1/2"-FNPT, CL3000, FP, 3PCS, FL, SWEET MFG: NUTRON MODEL: T3-F05S30B	
667	2	BVS-0021	VALVE, BALL, 1"-NPT, CL1500, RP, 3PCS, FL, NACE MFG: jog MODEL: T3-R10T15N	
678	1	GTS-0014	VALVE, GATE, 1"-FNPT, CL800, SWEET MFG: NEWCO MODEL: 18T-FS2-RP-1"	
680	1	NVSA-026F	VALVE, NEEDLE, 1/4"F X 1/4"F, NPT, 6000#, SWT MFG: WESTERN GAUGE MODEL: WN1612PN	
690	1	FLT-1039	FILTER, ARIEL CYLINDER LUBE OIL, 5 MICRON MFG: ARIEL MODEL: G-24184	
691	1	SCS-0014	VALVE, CHK, SWING, 1", FNPT, CL800, SWT MFG: NEWCO MODEL: 1.00-38T-FS2	
700	2	FIT.J514.0018	FITTING, STRAIGHT, 1-1/4"-#20 (1-5/8-12) X 1"-FNPT, CS	

STANDARD TUBING SIZES	LINETYPE LEGEND	INSTRUMENTATION TAGGING LEGEND
*1/4" - 0.049"	PROCESS PIPING	○ LOCAL MOUNTED DEVICE
*3/8" - 0.049"	UTILITY PIPING	○ PANEL MOUNTED DEVICE
1/2" - 0.049"	SEAMLESS TUBING	○ OFF-SKID MOUNTED DEVICE
3/4" - 0.065"	ELECTRICAL WIRING	◻ SIGNAL TO PANEL
1" - 0.083"	INTERNAL LOGIC	◻ SIGNAL TO OFF-SKID
*PER CLIENT SPEC	OEM SUPPLIED	◻ PANEL LOGIC
	ASSEMBLY BOUNDARY	
	BUILDING WALL	
	DRIVETRAIN	
	CUSTOMER SUPPLIED	
	EXISTING EQUIPMENT	

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ISSUED FOR CONSTRUCTION

IFC

2015/11/03

UNIT NUMBER

14-928

14-929

14-930

REV	DATE	CREATED	REVIEWED	APPROVED	DESCRIPTION
D	15-11-03	CW	TT	AH	MOVED BREATHER OUTSIDE BUILDING
C	15-10-13	CW	TT	GM	REVISED PUMP PART NUMBER
B	15-10-06	CW	TT	GM	REVISED BALL VALVE SIZE
A	15-06-29	CW	TT	GM	ISSUED FOR CONSTRUCTION
Q	15-03-13	DM	GW	GM	ISSUED FOR APPROVAL

REVISIONS

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BIDELL™ APEGA PERMIT NUMBER P08318
GAS COMPRESSION

COMPRESSOR OIL UTILITY FLOW DIAGRAM
 WEG 600HP ELECTRIC/ARIEL JGR/4/AIR-X-LIMITED 108EF
 CUSTOMER: ENCAN c/o EQUINOX ENGINEERING SHEET#: 1 OF 1
 LOCATION: KAYBOB GAS PLANT JOB#: 14-Q303
 LSD: 15-31-062-21 W5M

PAPER SIZE 11"x17" SCALE NTS DWG# 14-Q303-760 REV D