

UPDATED: Wednesday, November 13, 2013 10:44:42 AM BR: Manual

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002-V-05-1223
PROPANE REFRIGERATION ECONOMIZER
SIZE: 1372 mm ID x 3048 mm S/S
TYPE: VERTICAL, 2-PHASE
DESIGN: 1724 kPag @ 93/-45°C
C.A.: 1.6 mm

002-FL-05-1224
PROPANE REFRIGERATION FILTER DRYER
TYPE: CARTRIDGE
MODEL: C-40016P
MAKE: SPORLAN CATCHALL

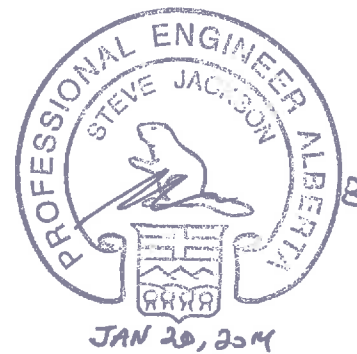
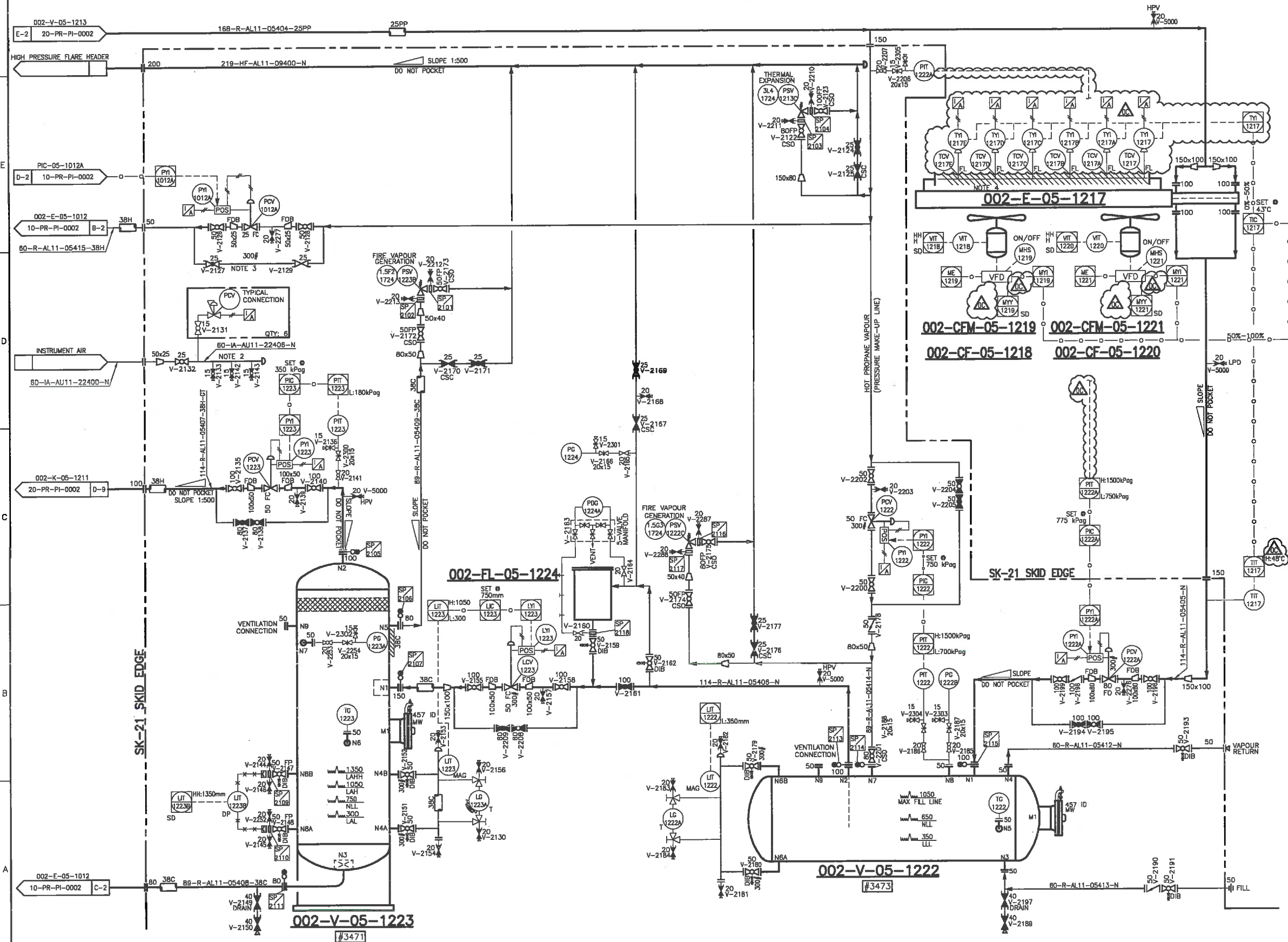
002-V-05-1222
PROPANE REFRIGERATION ACCUMULATOR
SIZE: 1219 mm ID x 3658 mm S/S
TYPE: HORIZONTAL, 2-PHASE
DESIGN: 1724 kPag @ 93/-45°C
C.A.: 1.6 mm

002-E-05-1217
PROPANE REFRIGERATION CONDENSER
TYPE: HORIZONTAL, FORCED DRAFT
MODEL: 168-2ZF
DESIGN: 1724 kPag @ 93/-45°C
DUTY: 1283 KW
C.A.: 1.6 mm

002-CFM-05-1219/1221
PROPANE REFRIGERATION CONDENSER FAN MOTORS
FAN DRIVERS: 2 @ 37.3 kW, 1200 RPM, 575V/3Ø/60Hz, VFD
002-CF-05-1218/1220
PROPANE REFRIGERATION CONDENSER FAN
MODEL: MOORE-10K S60VE

GENERAL NOTES:

1. LOW POINT DRAINS/HIGH POINT VENTS ADDED WHERE REQUIRED.
2. EACH INSTRUMENT AIR BRANCH HEADER TO INCLUDE 2 SPARE VALVE CONNECTIONS AND AN ADDITIONAL VALVE AT THE END OF THE HEADER FOR BLOWDOWN.
3. BYPASS VALVE SHOULD BE PARTIALLY OPEN TO AVOID BUILDUP OF CONDENSED LIQUIDS.
4. GRADE BELOW PROPANE CONDENSER TO BE SLOPED IN ORDER TO AVOID POTENTIAL ACCUMULATION OF LIQUID POOL.
5. ALL INTERCONNECTING PIPING WITHIN SHALLOW CUT BATTERY LIMIT IS BY TDE.
7. ALL INSTRUMENTS SYMBOLS IN THIS PID TO BE PREFIXED BY 05.



DC	REVISED AS MARKED	NOV.06/13	MFF
DR	REVISED AS MARKED	OCT.02/13	SSE
OA	REVISED AS MARKED	JUL.12/13	VV
0	RELEASED FOR FABRICATION	MAY.30/13	VV
NO.	REVISION	DATE	BY
1	1		
PROJECT NAME:			
FERRIER CENTRAL PROCESSING FACILITY			
CLIENT:			
DEVON CANADA c/o WORLEY PARSONS			
DOCUMENT NAME:			
PROPANE REFRIGERATION COMPRESSION PIPING AND INSTRUMENTATION DIAGRAM			
THERMO DESIGN ENGINEERING LTD.			
TDE			
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