002-H-05-2116/002-E-05-2116/002-T-05-2116
GLYCOL REGENERATOR

REBOILER: (610 mm OD x 4877 mm LG)
SURGE TANK (002-T-05-2116): 914 mm OD x 3962 mm LG
STILL COLUMN: 273 mm OD x 2515 mm F/F
U-TUBE BUNDLE (002-E-05-2116): 324 mm OD x 4267 mm TS/TAN
DUTY: 104 kW
DESIGN: 100 kPag @ 200/-45°C (NON CODE).
U-TUBE BUNDLE DESIGN: 1470 kPag/FV @ 180/-45°C
C.A.: 1.6 mm

002-E-05-2115
LEAN/RICH GLYCOL EXCHANGER

TYPE: PLATE AND FRAME
MODEL: ALFA LAVAL M10-B
DESIGN: 1034 kPag @ 150/-29°C
DUTY: 129 kW

002-E-05-2113
REFLUX CONDENSER

REFLUX CONDENSER: 273 mm OD x 610 mm TS/TS
TYPE: NEN
DESIGN: TS:100 kPag/FV @ 200/-45°C (NON CODE)
SS: 4481 kPag @ 200/-45°C
DUTY: 10 kW
C.A.: 1.6 mm

GENERAL NOTES:

1. GLYCOL FILL CONNECTION.
2. LOW POINT DRAINS/HIGH POINT VENTS ADDED WHERE REQUIRED.
3. CLEAN OUT CONNECTION.
4. STRAINER FOR START-UP PURPOSES ONLY. TO BE REMOVED FOR NORMAL OPERATION.
5. ALL INTERCONNECTING PIPING WITHIN SHALLOWCUT BATTERY LIMIT IS BY TDE.
6. ALL INSTRUMENTS SYMBOLS ON THIS PID TO BE PREFIXED BY 05.

PROFESSIONAL ENGINEER ALBERTA
STEVE JACKSON
81204
JAN 20, 2014

NO.	REVISION	DATE	BY
0B	REVISED AS MARKED	NOV.06/13	MFF
0A	REVISED AS MARKED	OCT.02/13	SSE
0	RELEASED FOR FABRICATION	JUL.17/13	MFF

ELECTRICAL: | I & A: | CONTROLS: | PROCESS: | PROJECT:

PROJECT NAME: FERRIER CENTRAL PROCESSING FACILITY

CLIENT: DEVON CANADA c/o WORLEY PARSONS

DOCUMENT NAME: GLYCOL REGENERATION PIPING AND INSTRUMENTATION DIAGRAM

THERMO DESIGN ENGINEERING LTD.
OIL & GAS PRODUCTION EQUIPMENT
DESIGN * FABRICATION * INSTALLATION
EDMONTON, ALBERTA, CANADA.
APEGGA PERMIT NUMBER: P2600

P. ENG. STAMP:

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TDE JOB NUMBER: 12-118

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