

**002-K-05-2211**  
**PROPANE REFRIGERATION COMPRESSOR**  
 MODEL: MYCOM P250VM-ME  
 TYPE: OIL INJECTED SCREW  
 REFRIG. CAP.: 254 TR @ 3550 RPM  
 REFRIG. TYPE: COMMERCIAL PROPANE

**002-KM-05-2212**  
**PROPANE REFRIGERATION COMPRESSOR DRIVER**  
 TYPE: ELECTRICAL MOTOR  
 CAPACITY: 560 kW @ 3550 RPM  
 4160V/3Ø/60 HZ, TEFC, VFD.  
 MANUF.: WEG

**002-CFM-05-2255/2257**  
**LUBE OIL COOLER FAN MOTORS**  
 FAN DRIVERS: 11.2 kW @ 1800 RPM, 575V/3Ø/60Hz, VFD.

**002-V-05-2213**  
**PROPANE COMPRESSOR DISCHARGE LUBE OIL SEPARATOR**  
 SIZE: 762 mm OD x 3048 mm S/S  
 TYPE: VERTICAL, 2-PHASE, COALESCING  
 DESIGN: 1724 kPag @ 93/-29°C  
 ELEMENTS: SEVEN (7) JPMG-324-CE-R  
 C.A.: 1.6 mm

**002-E-05-2253**  
**LUBE OIL COOLER**  
 TYPE: HORIZONTAL FORCED DRAFT  
 MODEL: 72-2ZF  
 DESIGN: 1724 kPag @ 93°C/-45°C  
 DUTY: 123 kW  
 C.A.: 1.6 mm

**002-CF-05-2254/2256**  
**LUBE OIL COOLER FAN**  
 MODEL: MOORE-10K S30VT

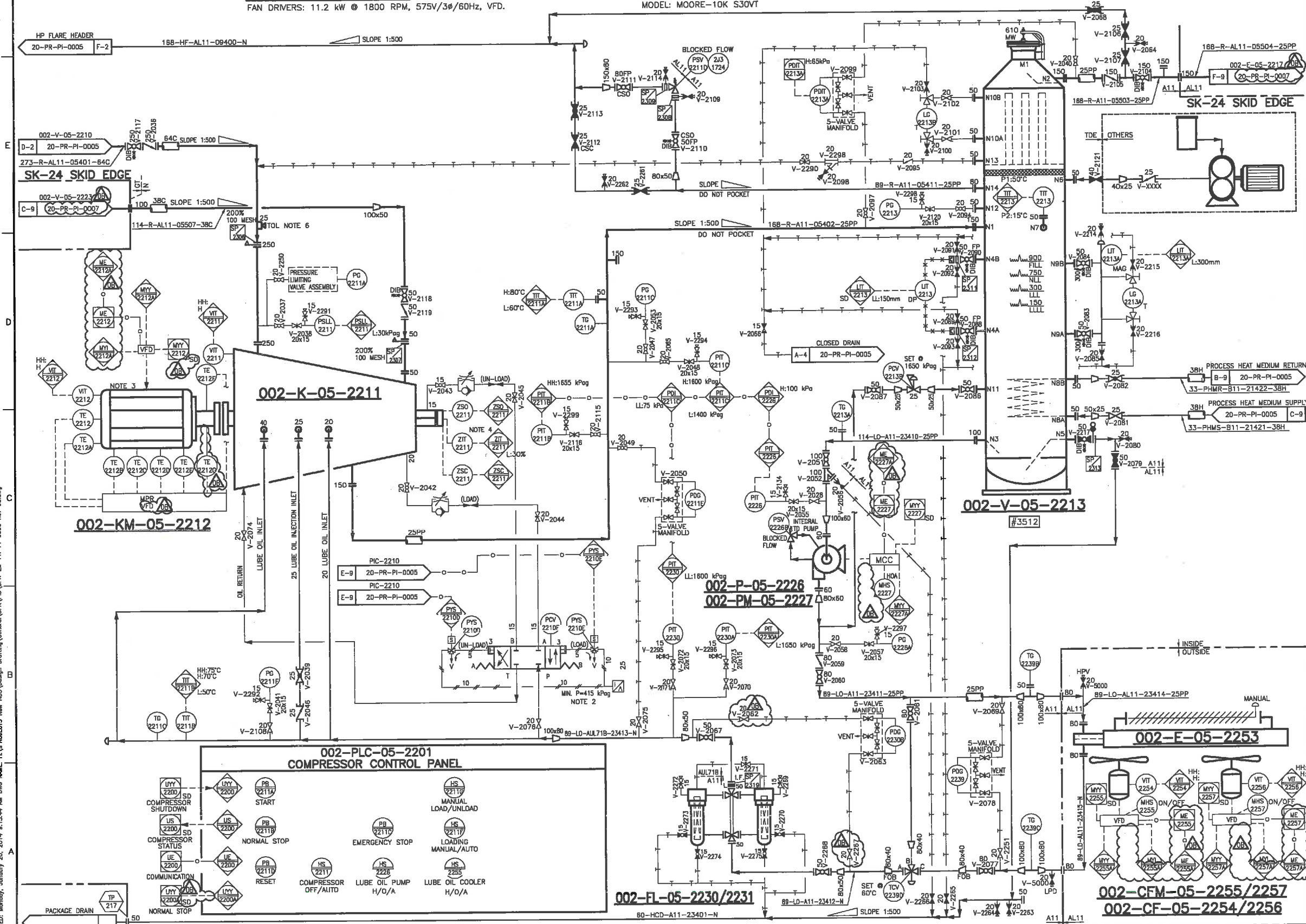
**002-P-05-2226**  
**LUBE OIL PUMP**  
 MODEL: HORIZONTAL FORCED DRAFT  
 TYPE: PARTICULATE  
 DESIGN: 1724 kPag @ 93/-29°C  
 ELEMENT: 10 MICRON

**002-PM-05-2227**  
**LUBE OIL PUMP MOTOR**  
 MOTOR: 7.5 kW, 1760 RPM, 575V/3Ø/60Hz.

**002-FL-05-2230/2231**  
**LUBE OIL FILTER**  
 MODEL: JOHN CRANE  
 TYPE: PARTICULATE  
 DESIGN: 1724 kPag @ 93/-29°C  
 ELEMENT: 10 MICRON

**GENERAL NOTES:**

1. LOW TEMPERATURE CARBON STEEL PIPING TO EXTEND INSIDE BUILDING TO FIRST WELD.
2. UNLOADER CONTROL FROM PANEL WITH MANUAL OVERRIDE.
3. SUPPLIED MOTORS TO BE VFD COMPATIBLE. VFD BY OTHERS.
4. TRANSMITTER TO BE LOCATED IN LOCAL PANEL.
5. ALL INTERCONNECTING PIPING WITHIN SHALLOW CUT BATTERY LIMIT IS BY TDE.
6. TOL LOCATED ON STRAINER PIPE SPOOL FOR INSPECTION.
7. ALL INSTRUMENTS SYMBOLS IN THIS PID TO BE PREFIXED BY 05.



OB	REVISED AS MARKED	NOV.08/13	MFF
DA	REVISED AS MARKED	OCT.02/13	SSE
O	RELEASED FOR FABRICATION	JUL.17/13	VV
NO.	REVISION	DATE	BY
1	1 & 2		
PROJECT NAME:	FERRIER CENTRAL PROCESSING FACILITY		
CUSTOMER:	DEVON CANADA c/o WORLEY PARSONS		
DESCRIPTION:	PROPANE REFRIGERATION COMPRESSION PIPING AND INSTRUMENTATION DIAGRAM		
DESIGNER:	THERMO DESIGN ENGINEERING LTD.		
DATE:	12-118		
DOCUMENT NUMBER:	DFR-20-PR-PI-0006		
REVISION:	OB		