



AC-80250
 AMINE REFLUX CONDENSER
 MANUFACTURER: CHART
 MODEL: 1-HF-60-1-8 (SS TUBES)
 DUTY: 414.8 kW
 DESIGN: 516 KPAG (75 PSIG)/V₀ -45/177°C (-49/350°F)
 C.A.: 3.2mm (1/8")
 ESTIMATED WEIGHT (EMPTY): 3555 KG (7837 LBS)

ACM-80250
 AMINE REFLUX CONDENSER MOTOR
 MANUFACTURER/ENCLOSURE/FRAME: TBA/TEFC/254T
 MAKE: BALDOR/EQUIVALENT
 POWER: 15HP
 VOLTAGE: 460V/3PH/60HZ
 RPM: 1750RPM

HM-80250
 COOLER ENCLOSURE HEATER MOTOR
 POWER: 1/2HP (0.37 kW)
 VOLTAGE: 480/3PH/60HZ
 RPM: TBD

H-80250
 COOLER ENCLOSURE HEATER
 MAKE: RUFFNECK
 MODEL: FX5-480360-200-WT
 16" FAN 20 KW
 C/W BUILT-IN THERMOSTAT

FOR CONSTRUCTION
 September 25, 2019

GENERAL NOTES

- A. SUPPLIED AND WIRED BY OTHERS.
 - B. RUFFNECK ELECTRIC HEATER REQUIRED.
 - C. BOTTOM NEEDS TO BE ENCLOSED FOR WARM AIR RECIRC.
 - D. ALL GRADING BELOW AIR COOLER/CONDENSERS SHOULD BE SLOPED SO THAT A POOL FIRE DOES NOT OCCUR. PROVISIONS SHOULD BE MADE TO CONTAIN OR DIRECT INVENTORY OF LIQUID FILLED EQUIPMENT AWAY FROM AIR COOLER/ CONDENSERS. IN ADDITION, STARTEC UNDERSTANDS ALL OTHERS CONDITIONS OF API 521, 6TH EDITION SECTION 4.13.2.8.5 (FIRE MITIGATION ALTERNATIVES) ARE SUCH THAT THE FIRE CASE DOES NOT NEED TO BE CONSIDERED. PROTECTION FOR AIR COOLER/CONDENSERS IS BASED ON ABOVE CRITERION BEING MET. THERMAL PSV NOT REQUIRED AS PSV ON ACCUMULATOR IS CONSIDERED FOR OVERPRESSURE PROTECTION OF COOLER.
 - E. GREASE TUBING TO REACH GROUND LEVEL BY OTHERS.
 - F. LADDER/PLATFORM TO ACCESS MOTOR REQUIRED. BY OTHERS.
 - G. PLENUM AVERAGE TEMP.
- * VALVES AND INSTRUMENTS SUPPLIED BY STARTEC AND SHIPPED LOOSE
 ** VALVES AND INSTRUMENTS SUPPLIED BY OTHERS
 --- FIELD PIPING BY OTHERS

NO.	DATE	BY	AP'D	DESCRIPTION	NO.	DATE	BY	AP'D	DESCRIPTION
A	19-01-07	DD	SR	ISSUED FOR APPROVAL					
B	19-01-21	DD		ISSUED FOR APPROVAL					
C	19-03-04	KJH		GENERAL REVISIONS					
O	19-04-17	GE		ISSUED FOR CONSTRUCTION					
0.1	19-05-13	GE		ISSUED FOR HAZOP					
0.2	19-09-16	GE		NO CHANGES ON THIS SHEET					

55 GPM AMINE GAS PLANT

STARTEC
 COMPRESSION & PROCESS LTD.
 APEGA NO. P13139

DRAWN: DD DATE: 19-01-21
 CHECKED: - DATE: -
 ENG. APPL: S.R. DATE: 19-09-16
 PACKAGE NO.: -
 REFERENCE NO.: -

CUSTOMER: -
 TITLE: PIPING & INSTRUMENTATION DIAGRAM
 AMINE REFLUX CONDENSER
 SCALE: N.T.S. DRAWING NO.: 18061-PR-PID-013 REV. 0.2