FROM
1025-SWBD-1
DWG NO.
1025-60-008
SH 1

R

1025-MCC-1 – LOCATED IN GAS COMPRESSOR BUILDING

480 V, 800 A, 3ø, 3 W, 60 HZ

800 A

1	2	2	1	2	2	1	2	2	1	2	2	1	2	2	1	2	2
HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA
TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP
3	15	15	3	15	15	3	15	15	3	15	15	3	15	15	3	15	15
1025-GTG-100 GAS COMPRESSOR #1 PRE-LUBE PUMP	1025-GTG-100 GAS COMPRESSOR #1 FIN FAN COOLER A	1025-GTG-100 GAS COMPRESSOR #1 FIN FAN COOLER B	1025-GTG-100 GAS COMPRESSOR #2 PRE-LUBE PUMP	1025-GTG-100 GAS COMPRESSOR #2 FIN FAN COOLER A	1025-GTG-100 GAS COMPRESSOR #2 FIN FAN COOLER B	1025-GTG-200 GAS COMPRESSOR #1 PRE-LUBE PUMP	1025-GTG-200 GAS COMPRESSOR #1 FIN FAN COOLER A	1025-GTG-200 GAS COMPRESSOR #1 FIN FAN COOLER B	1025-GTG-200 GAS COMPRESSOR #2 PRE-LUBE PUMP	1025-GTG-200 GAS COMPRESSOR #2 FIN FAN COOLER A	1025-GTG-200 GAS COMPRESSOR #2 FIN FAN COOLER B	1025-GTG-200 GAS COMPRESSOR #3 PRE-LUBE PUMP	1025-GTG-200 GAS COMPRESSOR #3 FIN FAN COOLER A	1025-GTG-200 GAS COMPRESSOR #3 FIN FAN COOLER B

CONTINUED TO BELOW LEFT

CONTINUED FROM ABOVE RIGHT

480 V, 800 A, 3ø, 3 W, 60 HZ

70 A

45 MVA
480-208 V/
120 V

LIGHTING
PANEL
LP-208-FUEL
225 A MAIN BUS
225 A MAIN BKR
3 PH-4 W
42 CKTS

60 A

WELDING
RECEPTACLES

3	2	1	2	2	1	2	2	1	2	2	1	2	2	1	2	2	
HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	HOA	
	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	
	3	15	15	3	15	15	3	15	15	3	15	15	3	15	15	3	15
SPARE	SPARE	1025-GTG-300 GAS COMPRESSOR #1 PRE-LUBE PUMP	1025-GTG-300 GAS COMPRESSOR #1 FIN FAN COOLER A	1025-GTG-300 GAS COMPRESSOR #1 FIN FAN COOLER B	1025-GTG-300 GAS COMPRESSOR #2 PRE-LUBE PUMP	1025-GTG-300 GAS COMPRESSOR #2 FIN FAN COOLER A	1025-GTG-300 GAS COMPRESSOR #2 FIN FAN COOLER B	1025-GTG-300 GAS COMPRESSOR #3 PRE-LUBE PUMP	1025-GTG-300 GAS COMPRESSOR #3 FIN FAN COOLER A	1025-GTG-300 GAS COMPRESSOR #3 FIN FAN COOLER B	SPARE	SPARE					

150 A

30 A

FUTURE

LEGEND:

- 1 / NEMA SIZE – COMBINATION STARTER (BREAKER WITH MOTOR OVER LOADS)
- 1 / NEMA SIZE – COMBINATION CONTACTOR (BREAKER NO MOTOR OVER LOADS)
- HOA – HAND-OFF-AUTO SWITCH
- XX – DRAWING CONTINUATION POINT
- 1 – MOTOR HORSEPOWER (HP)
- R – INDICATING LIGHT COLOR
- TCP – TURBINE CONTROL PANEL
- MOTOR SPACE HEATER

REVISED	CUSTOMER INFORMATION

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NO.	DATE	BY	APP'D	DESCRIPTION
				REVISIONS

DRAWN	SL	09/03/10
CHECK		
DESIGN		
PROJ ENGR		
PROJ MGR		
QA MGR		
SCALE	NONE	SIZE D

ProEnergy EPC SERVICES

907 SOUTH DETROIT AVE.
SUITE 1140
TULSA, OKLAHOMA 74120
OFFICE
FAX
www.proenergyservices.com

ProEnergy EPC Services, LLC

480 V ONE LINE DIAGRAM – MCC-1
TWO (2) G.E. FRAME 7FA GTG UNITS
ANACO POWER PLANT

ANACO VENEZUELA

JOB. NO.	DWG NO.	SH NO.	REV
T1025	1025-60-011	1	A