

DANGER-
HIGH
VOLTAGE

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PICKING LIST
ENCLOSURE



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TRASH PUMP #2

DANGER
HIGH VOLTAGE

CHARGE PUMP 1

DANGER
HIGH VOLTAGE

DANGER
HIGH VOLTAGE

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Rockwell Automation

Allen-Bradley

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CENTERLINE®



The image shows a dense arrangement of electrical wiring in an industrial setting. On the left, a large bundle of thick black cables is secured with black zip ties, with a single blue wire standing out. These cables lead to several horizontal rows of terminal blocks mounted on a metal panel. The terminal blocks are populated with numerous wires of various colors, including green, red, and black. Below the terminal blocks, a series of thick, black, flexible hoses or conduits are bundled together and run vertically. The background is dark, and the overall scene suggests a complex piece of industrial machinery or a control room environment.

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The image shows a complex industrial setup, likely a control room or a data center for an oil rig. A metal panel with numerous ports and connectors is visible, with a dense array of cables and hoses connected to it. The cables are bundled together, some with red and yellow markings. The hoses are thick and black, with some having red and yellow markings. The overall scene is cluttered and technical.

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The image shows a close-up view of an industrial control panel or terminal block. It features several rows of electrical terminals, some with green and red covers, and a large bundle of black cables. The panel is mounted on a metal frame. A watermark is visible across the center of the image.

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TOP DRIVE
Breaker

MUD PUMP
LUBE

NPT CHAIN OILER
HAND OFF AUTO

MPE LINE WASHER
HAND OFF AUTO

RT. BLO
HAND OFF

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1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000



DANGER
HIGH VOLTAGE

NOTICE
WHEN LOCKING OUT AND
TAGGING OUT THE
EQUIPMENT, ENSURE ALL
POTENTIAL ENERGY SOURCES
ARE LOCKED OUT.

**REMEMBER LOCKOUT
TAGOUT AND TRYOUT**

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DANGER
HIGH VOLTAGE

1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000



HIGH VOLTAGE

1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000

1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000 1000 0.0000



NOTICE

WHEN LOCKING OUT EQUIPMENT ENSURE ALL POTENTIAL ENERGY SOURCES ARE LOCKED OUT!!!

REMEMBER LOCKOUT TAGOUT AND TRY!!!!

**DANGER
HIGH
VOLTAGE**

**HIGH
VOLTAGE**

**DANGER
HIGH
VOLTAGE**

58-10096

**HIGH
VOLTAGE**

**HIGH
VOLTAGE**



SCR 1
DISCONNECT

**HIGH
VOLTAGE**





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SCR 2
DISCONNECT

**HIGH
VOLTAGE**



**HIGH
VOLTAGE**



**HIGH
VOLTAGE**

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SCR 3
DISCONNECT

HIGH
VOLTAGE



HIGH

HIGH
VOLTAGE

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HIGH
VOLTAGE

DANGER

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SCR 5
DISCONNECT

DANGER

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DANGER
HIGH
VOLTAGE

DANGER
HIGH
VOLTAGE

DANGER
HIGH
VOLTAGE

DANGER
HIGH
VOLTAGE

Integrated Power Systems

This control panel features six analog gauges arranged in two rows of three. The top row includes a pressure gauge (0-1000 PSI), a temperature gauge (0-200°F), and a flow rate gauge (0-100 GPM). The bottom row includes a pressure gauge (0-100 PSI), a temperature gauge (0-200°F), and a flow rate gauge (0-100 GPM). Below the gauges is a master battery disconnect switch with a black handle. The panel also includes several indicator lights and a terminal block for wiring.

This control panel features four analog gauges arranged in two rows of two. The top row includes a pressure gauge (0-1000 PSI) and a temperature gauge (0-200°F). The bottom row includes a pressure gauge (0-100 PSI) and a temperature gauge (0-200°F). Below the gauges is a master battery disconnect switch with a black handle. The panel also includes several indicator lights and a terminal block for wiring.

This control panel features four analog gauges arranged in two rows of two. The top row includes a pressure gauge (0-1000 PSI) and a temperature gauge (0-200°F). The bottom row includes a pressure gauge (0-100 PSI) and a temperature gauge (0-200°F). Below the gauges is a master battery disconnect switch with a black handle. The panel also includes several indicator lights and a terminal block for wiring.

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GENERATOR 1
MAIN BREAKER

This control panel for the Generator 1 Main Breaker includes a large circuit breaker handle, a red emergency stop button, and several indicator lights. It is mounted on a metal rack with ventilation slots above and below it.

This control panel for the Generator 2 Main Breaker includes a large circuit breaker handle, a red emergency stop button, and several indicator lights. It is mounted on a metal rack with ventilation slots above and below it.

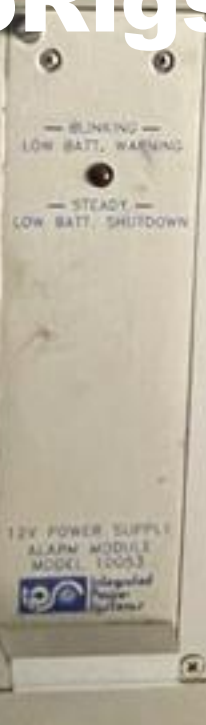
This control panel for the Generator 3 Main Breaker includes a large circuit breaker handle, a red emergency stop button, and several indicator lights. It is mounted on a metal rack with ventilation slots above and below it.

This control panel for the Generator 4 Main Breaker includes a large circuit breaker handle, a red emergency stop button, and several indicator lights. It is mounted on a metal rack with ventilation slots above and below it.



 Integrated Power Systems

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DANGER
HIGH

SEMICONDUCTOR RECTIFIER
INTEGRATED POWER SYSTEMS

SUGAR LAND, TEXAS	U.S.A.
SERIAL NUMBER	: 429600
DRAWING INDEX NO.	: B008-001734
TYPE	: SILICON
RATED AC VOLTS	: 600
RATED DC VOLTS	: 750
RATED DC AMPERES	: 2000
AMBIENT TEMP. RANGE	: 40° C
COOLING MEDIUM	: FORCED AIR
DUTY CYCLE	: 100%

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GENERATOR 3
MAIN BREAKER

Panel with five analog meters and control modules:

- Top Left: AC AMPERES (0 to 2500 scale)
- Top Middle: KILOVOLTS (0 to 2500 scale, with LEAD and LAG indicators)
- Top Right: AC KILOWATTS (0 to 1500 scale)
- Middle Left: BREAKER CONTROL (with a green indicator light)
- Middle Middle: AC VOLTS (0 to 600 scale)
- Middle Right: HERTZ (45 to 75 scale)

Below the meters is a red label: **Integrated Power Systems**

At the bottom are four control modules:

- METERING MODULE (with multiple indicator lights)
- VOLT. REG. MODULE (with a potentiometer)
- GOVERNOR MODULE (with a potentiometer)
- 12V POWER SUPPLY ALARM MODULE (with a red LED indicator and labels for BLINKING, LOW BATT. WARNING, and STEADY LOW BATT. SHUTDOWN)

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DANGER
HIGH
VOLTAGE

DANGER
HIGH
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GENERATOR 3
MAIN BREAKER



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GENERATOR 4
MAIN BREAKER

MERLIN GERIN

MPD 411

3 pole

600V 50/60Hz

Frame size 2500A

Available for continuous operation
at 60% rating in a minimum cabinet
depth 140mm (5.5") by 170mm (6.7")
with a minimum ventilation of 30 cm²
in the back of the enclosure.

interrupting ratings

600V 75kA

600V 75kA

600V 75kA

short time rating 75kA

IEC 947-2 600V 50/60Hz

low 380/640V 75kA

600V 75kA

low 380/640V 75kA

600V 75kA

short time rating

low 75kA 0.5 sec.



GROUND TEST



Integrated Power Systems

480V XFMR
MAIN BREAKER



POWER ON



UTILITY BREAKER OPEN



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UTILITY
MAIN BREAKER

MERLIN GERIN

MC201-112

aircraft breaker

3 pole

600V 50/60Hz

frame size 2000A

available for continuous operation

at 100% rating in accordance with

IEEE 242, IEC 60947-1 & 2

with appropriate application of 50%

reduction of amp and voltage

short time rating 70kA

RC 947-2 600V 15/30Hz

for 300-400V 70kA

for 300-400V 70kA

for 300-400V 70kA

short time rating

for 70kA 0.5 sec

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GENERATOR 2
MAIN BREAKER

MEHLIN GERIN

Circuit Breaker
3 pole
600V 50/60Hz
Frame size 2500A
Breaking capacity 100kA
Short-circuit rating 100kA
IEC 60947-2 600V 50/60Hz
10kV 30kA 75kA
15kV 30kA 75kA
15kV 30kA 75kA
15kV 30kA 75kA
Short-circuit rating
10kV 75kA 0.5 sec.

GENERATOR 2
MAIN BREAKER



C-LINE #46058
SHOP TICKET HOLDER



GE

096

⚠ WARNING / ADVERTENCIA

SCR
high

000 LOAD CENTER.COM

1000

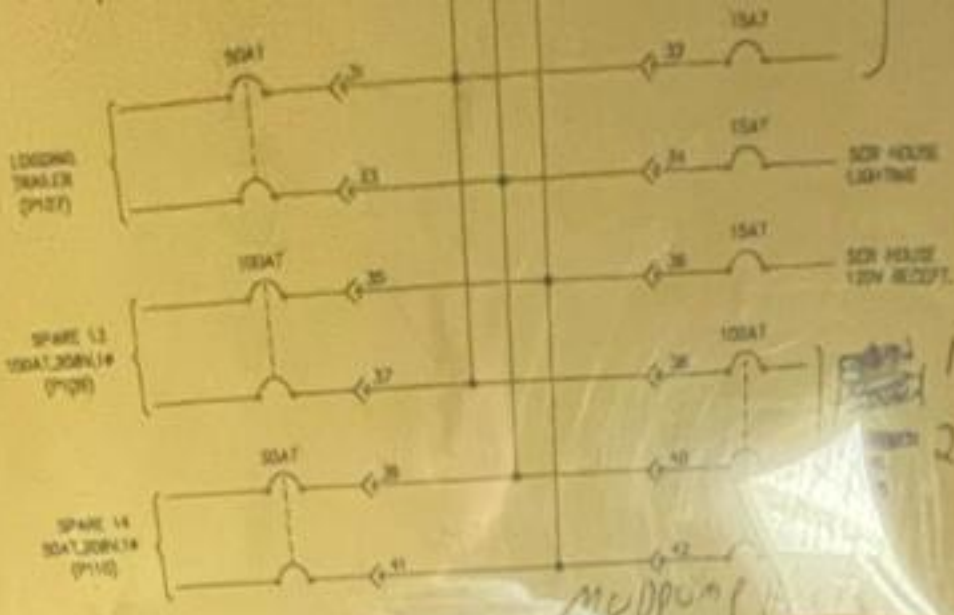
7. CONCLUSIONS

 Underwriters

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100

10



11	Breaker
9	SCR
10	high
8	
7	
5	
6	
3	
4	
2	Water well

WARNING / ADVERTENCIA

THE EQUIPMENT IS DESIGNED AND TESTED TO WITHSTAND VIBRATION AND SHOCK WHICH EXCEEDS THE REQUIREMENTS OF MIL-STD-883C METHOD 2000. THE EQUIPMENT IS NOT DESIGNED TO WITHSTAND VIBRATION AND SHOCK WHICH EXCEEDS THE REQUIREMENTS OF MIL-STD-883C METHOD 2000. THE EQUIPMENT IS NOT DESIGNED TO WITHSTAND VIBRATION AND SHOCK WHICH EXCEEDS THE REQUIREMENTS OF MIL-STD-883C METHOD 2000. THE EQUIPMENT IS NOT DESIGNED TO WITHSTAND VIBRATION AND SHOCK WHICH EXCEEDS THE REQUIREMENTS OF MIL-STD-883C METHOD 2000.

HAZARD OF ELECTRICAL SHOCK

Turn off power before working on the equipment. Do not touch the equipment while it is powered. Do not touch the equipment while it is powered. Do not touch the equipment while it is powered. Do not touch the equipment while it is powered.

Underwriters Laboratories Inc.

LISTED

Underwriters Laboratories Inc. is a leading provider of safety testing and certification services. We provide a wide range of services, including product testing, component testing, and system testing. We are committed to providing the highest quality of service to our customers.

GE

2096

Water well

POWER WASHER

[illegible]

11
10
9
8
7
6
5
4
3
2
1

SCA
+ 200

DO LOAD CENTER CORDS | CUMPLE LA OBL. CARGAR EN CENTRO DEL CABLEADO

WARNING / ADVERTENCIA

4

DANGER / PELIGRO

NON

⚠ WARNING / ADVERTENCIA

⚠ DANGER / PELIGRO

↑ POWER
WASHER

401.0000
 401.0000

58 10096

PAUL 2100
MOTOR CONTROL CENTER

1-100-22

BUS RATINGS 480 VAC MAX 3 PHASE

1000A 3PH

EACH SIDE OF

NO

Allen-Bradley

FLUENTEC

STURGEON, WI U.S.A.

www.PetroRigs.com

AB

BUL. 2100

MOTOR CONTROL CENTER

CATALOG NO. / SERIAL NO.

SERIES

BUS RATINGS 600 VAC MAX. 3 PHASE

HORIZ. POWER 14.4 A VERT. POWER 14.4 A EACH SIDE OF HORIZ. BUS

HORIZ. NEUTRAL 14.4 A VERT. NEUTRAL 14.4 A

Allen-Bradley

PLANT NO.

MILWAUKEE, WI U.S.A.

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