1. GESET #3 ENGINE MODIFICATIONS

2. TYPICAL OIL LEVEL GAUGE/SWITCH FIELD INSTALLATION

NOTE: THIS PICTURE SHOWS THE OWNER FURNISHED ENGINE, SERIAL # & PERIODICALS, IN PRESENT CONFIGURATION.

NOTE: THIS PICTURE SHOWS A COMPARABLE ENGINE FROM A PRIOR PROJECT IN FINAL CONFIGURATION.

ENGINE MODIFICATION NOTES:

1. REMOVE EXTERNAL-INSTALLED ACCESSORIES: REMOVE COOLANT PUMP BASE, LADDER, ACCESSORIES WHERE NOT SHOWN.

2. INSTALL OIL COOLER: PROVIDE OIL COOLER WITH 1/2" NPT CONNECTIONS ONHEAD, WITH COOLER TO BE INSTALLED AS SHOWN IN FIGURE 7. COOLER TO BE CONNECTED TO EXHAUST MANIFOLD WITH 1/2" NPT CONNECTIONS. COOLER TO BE INSTALLED PERMANENTLY.

3. CONNECT OIL FILTER TO ENGINE: CONNECT OIL FILTER TO EXHAUST MANIFOLD USING 1/2" NPT CONNECTIONS. OIL FILTER TO BE INSTALLED PERMANENTLY.

4. INSTALL OIL LEVEL GAUGE: INSTALL OIL LEVEL GAUGE IN EXHAUST MANIFOLD Using 1/2" NPT CONNECTIONS. OIL LEVEL GAUGE TO BE INSTALLED PERMANENTLY.

5. INSTALL OIL GAUGE: INSTALL OIL GAUGE IN EXHAUST MANIFOLD USING 1/2" NPT CONNECTIONS. OIL GAUGE TO BE INSTALLED PERMANENTLY.

ISSUED FOR CONSTRUCTION
JUNE 2019

GENSET #3 ENGINE MODIFICATION DETAILS

2019 TUKURU POWER PLANT MAI PROJECT

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SWAP CT's
GEN #2 & #3
INSTALL NEW
200A TRIP PLUG
INSTALL NEW
250A TRIP PLUG

MOVE GEN #4 BREAKER
TO GEN #3 SECTION

INSTALL NEW
250A TRIP PLUG

REMOVE EXISTING
#3/0 (2 RUNS) &
SAVE FOR RE-USE

REMOVE EXISTING
#2 & SAVE FOR RE-
USE, INSTALL NEW
3#2/0, #4N, #4G

EXISTING #1/0
TO REMAIN

ENGINE &
GENERATOR
PREVIOUSLY
REMOVED

INSTALL NEW
ENGINE, EXISTING
GENERATOR TO
REMAIN

INSTALL NEW
GENERATOR, EXISTING
ENGINE TO REMAIN

NO WORK THIS PROJECT

ENGINE & GENERATOR PREVIOUSLY REMOVED

INSTALL NEW ENGINE, EXISTING GENERATOR TO REMAIN

INSTALL NEW GENERATOR, EXISTING ENGINE TO REMAIN

NO WORK THIS PROJECT