



APE DIESEL IMPACT HAMMER INSPECTION/TEST SHEET



MUST BE COMPLETED & SIGNED PRIOR TO SHIPMENT

DATE: _____ JOB #: _____ CUSTOMER: _____ SHIP DATE: _____

DIESEL HAMMER MODEL: _____

DIESEL HAMMER S/N: _____

MEASURE GUIDE DIMENSIONS GUIDE SIZE: _____ GUIDE EXTENSIONS? Y N S/N: _____
BARREL EXTENSION? Y N FUEL PUMP: MECHANICAL HYDRAULIC HOSE LENGTH: _____

EXTERNAL INSPECTION

- *INSPECT ALL FUEL/LUBE HOSES & FITTINGS
- *INSPECT ALL WELDMENTS (REPAIR AS NEEDED)
- *INSPECT HAMMER HOUSING FOR SIGNS OF FAILURE
- *INSPECT ANVIL FOR SIGNS OF FAILURE
- *INSPECT GUIDES FOR SIGNS OF FAILURE
- *INSPECT TRIP/TRIP TUBES FOR SIGNS OF FAILURE
- *CHECK/TIGHTEN ALL BOLTS & NUTS
- I.E. ANVIL RETAINER, GUIDES, TRIP TUBES, ETC.
- INSPECT TABS ON BOLTS FOR CRACKS/FAILURES
- *INSPECT REBOUND RINGS (REPLACE IF NECESSARY)
- *INSPECT ALL ANVIL RETAINER BOLTS
- RE-TORQUE BOLTS TO SPEC

FUEL & LUBE SYSTEMS

- *INSPECT FUEL PUMP & INJECTORS
- REMOVE, DISASSEMBLE, & REPAIR (AS NEEDED)
- VERIFY FUEL ELEMENT (AS NEEDED)
- *REPLACE IN-LINE FUEL FILTER (AS NEEDED)
- *INSPECT LUBE PUMP
- REMOVE, DISASSEMBLE, & REPAIR (IF NECESSARY)

FUEL, OIL, & GREASE

- *INSPECT/ENSURE ALL ZERT FITTINGS ACCEPT GREASE
- REMOVE, CLEAN OUT, OR REPLACE (IF NECESSARY)
- *PRIME UPPER & LOWER-CYLINDERS WITH GREASE
- *PRIME ANVIL BEARINGS WITH GREASE
- *DRAIN FUEL & LUBE TANKS AND REFILL
- (REFILL 5 GAL. FUEL & 1 GAL. OIL)

TRIP MECHANISM

- *ENSURE TRIP PAWL ENGAGES/DISENGAGES PROPERLY
- INSPECT PAWL FOR FAILURE & WEAR
- CHECK LEAF SPRING TENSION
- *INSPECT TRIP SHEAVES & SHEAVE BEARINGS
- GREASE SHEAVE PIN
- *INSPECT TRIP BOLTS
- *RUN TRIP-CYCLE (ENGAGE/DISENGAGE) TRIP 10-TIMES

HYDRAULIC TRIP? Y N S/N: _____

- 4 IN. 6 IN. PUSH PULL
- *INSPECT HYDRAULIC CYLINDER MOUNTING HARDWARE
- INSPECT CYLINDER EYE CONNECTION TO TRIP
- *INSPECT HYDRAULIC TRIP HOSE BUNDLE
- INSPECT PIGTAILS FROM HYDRAULIC CYLINDER
- *CLEAN & INSPECT ALL QD'S
- *ENSURE QD'S MATCH & PROPERLY SEAT TO PU QD'S

POWER UNIT? Y N S/N: _____

- MODEL: _____ HR READING: _____
- *INSPECT & TEST POWER UNIT
- SERVICE POWER UNIT (IF NEEDED)
- *POWER UNIT HOLDS 2,500 PSI UNDER FULL LOAD
- *POWER UNIT IS FREE OF MAJOR DEFECTS OR DAMAGE

CHECK FOR THE FOLLOWING ITEMS PRIOR TO SHIPMENT

- RAIN CAP PISTON-STOP BOLT EXHAUST PLUGS
- ANVIL-STOP & BOLT DIESEL HAMMER TOOLBOX

DIESEL HAMMER TEST

- *PERFORM DRY-FIRE/BLOW-OUT PROCEDURE
- *PERFORM COMPRESSION TEST
- *RECORD TEST DATA: _____ SECONDS
- < 10 SECONDS WILL REQUIRE FURTHER SERVICE
- *OPERATE HAMMER ON ALL 4 FUEL SETTINGS
- *FUEL SETTING #1 BLOWS-PER-MINUTE _____
- *FUEL SETTING #2 BLOWS-PER-MINUTE _____
- *FUEL SETTING #3 BLOWS-PER-MINUTE _____
- *FUEL SETTING #4 BLOWS-PER-MINUTE _____
- *SHUT DOWN HAMMER WITH STOP VALVE
- *SHUT DOWN HAMMER WITH FUEL SETTING "0"

- *INSPECT HAMMER DURING TEST
- HAMMER DOES NOT LEAK FUEL OR OIL
- HAMMER DOES NOT EMIT EXCESSIVE SMOKE

| COMMENTS/NOTES: |
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| INSPECTED/TESTED BY: _____ |
| SIGNATURE: _____ |
| MANAGER SIGNATURE: _____ |