

CRN# \_\_\_\_\_

NATBLD# \_\_\_\_\_

SERIAL# \_\_\_\_\_

67536 69451

## OPERATIONAL TEST/ELECTRIC AND STEAM

MODEL .....RXHC120K3F  
DIAG.....  
WIRE SIZE...10  
HZ.....60  
VOLTS.....480  
CONTROL VOLT....120.  
PHASE...3  
PRESSURE.....  
KILOWATTS...120  
CAPACITY 417 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 8 / 10 20 10  
VOLTS 480 AMPS 143.2 TOTAL WATTS 120,000  
PRESSURE 65 DIFF 4

HEATER VOLTS 480KW 120PH 3 HZ 60

Reimers Electra Steam, 4407 Matrinsburg, Pike  
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

APPEARANCE ☒BLOWDOWN MAN ☒ AUTO ☒CONDENSATE TANK ☒CONDENSATE & PIPE, ECT ☒CONTROLS ☒ELEMENT ☒FEED WATER VALVES ☒INSTRUCTION BOOK ☒LEAK INSPECTION ☒PAINT ☒PANEL ☒PIPES ☒PRESSURE CONTROLS ☒SHEET METAL ☒STEAM VALVE ☒STEAM GAUGE ☒STRANIER ☒WARNING TAGS ☒WATER GAUGE FITTINGS ☒WIRE TERMINALS TIGHT ☒WIRING DIA. ☒ELEMENT QTY. 4ELEMENT VOLT/KW 480/30

JURISDICTION = VA.

FUEL = ELECTRIC

STEAM

HOT WATER

IAX. W.P. 100 (NAMEPLATE)  
IIN. SAFETY VALVE CAP. 420 PPH

MAX. W.P. \_\_\_\_\_ PSIG  
MAX. TEMP. \_\_\_\_\_ DEG F  
MIN. SAFETY VALVE CAP \_\_\_\_\_ PPH OR BTU  
(3412 X KW/ )

## HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 10/8/10  
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

## SAFETY VALVE

CAPACITY 423  
LB PER HR.

OPERATIONAL  
TEST ☒

## DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ☒ UNSAT \_\_\_\_\_ BY B.S.B DATE 10/8/10 (IAW U.L. 834)

(CORRECTED/RETEST) \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_ CORRECTIVE ACTION \_\_\_\_\_

NAMEPLATE: O.P. 100 KW 120 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY (Print) BRAO BUTTS DATE 10/8/10

Signature Brad Butts

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE  
(REF: ASME CSD-1, CG-500)

20f2



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## Work Order Traveler

SCHEDULED START: 09/10/10  
DUE DATE: 09/16/10ITEM NUMBER: **RXHC120K3F**  
DESCRIPTION: **BOILER RHC 120KW 480V 3PH 100#**  
REVISION: 001  
OPTION CODE:QUANTITY: ~~200~~ 100  
UNIT OF MEASUREMENT: EAMAKE FOR: I/M  
PLANNER:

| QTY | PART      | DESCRIPTION                     | QTY | PART      | DESCRIPTION                    |
|-----|-----------|---------------------------------|-----|-----------|--------------------------------|
| 2   | 02618     | BLOCK POWER DISTRIBUTION 3/500  | 2   | 04301     | LABEL NAMEPLATE UL/CSA 3.48 X  |
| 2   | 20364-7A  | BRACE BOX R100 & 120 NEWSTYLE   | 30  | 01345     | LOCKWASHER .3125" SPRING/SPLIT |
| 8   | 04167     | BUSHING .5" X .125" HEX BLACK   | 4   | 04522     | NIPPLE .5 X 1.5" BRASS         |
| 2   | 01128     | BUSHING .5X.25 HEX BLACK        | 6   | 02788     | NIPPLE .5" X 2" BLACK EH       |
| 2   | 01121     | BUSHING 1" X .5" HEX BLACK      | 2   | 02789     | NIPPLE .5" X 2.5" BLACK EH     |
| 4   | 04528     | CABLE TIE MOUNT                 | 2   | 02791     | NIPPLE .5" X 3.5" BLACK EH     |
| 2   | 20740     | COND. TANK ASSY. (RHC 36-120)   | 2   | 02794     | NIPPLE .5" X 5" BLACK EH       |
| 3   | 02243     | CONDUIT 1" FLEXIBLE STEEL U.L.  | 4   | 02796     | NIPPLE .5" X 6" BLACK EH       |
| 4   | 02244     | CONDUIT ALFLEX type SWA 1.25"   | 2   | 04526     | NIPPLE .5" X 6" BRASS SB43 GRO |
| 7   | 02240     | CONDUIT ALFLEX type SWA .375"   | 10  | 02786     | NIPPLE .5" X CLOSE BLACK EH    |
| 4   | 02246     | CONDUIT CONNECTOR .375" 90 DEG  | 2   | 02807     | NIPPLE .75" X 9" BLACK EH      |
| 4   | 02252     | CONDUIT CONNECTOR .375" STR. UL | 4   | 01180     | NIPPLE .75" X CLOSE BLACK EH   |
| 8   | 02250     | CONDUIT CONNECTOR 1.25" 90 DEG  | 2   | 02803     | NIPPLE .75X4.5 BLACK EXHEAVY   |
| 8   | 02956     | CONDUIT SLEEVE 1.25" T&B UL/CS  | 2   | 02810     | NIPPLE 1" CLOSE BLACK EH       |
| 2   | 03445     | CONTACTOR 35A 120V 2P UL/CSA    | 2   | 01217     | NIPPLE 1" X 4" BLACK EH        |
| 8   | 02530     | CONTACTOR 50A 120V 3P UL/CSA    | 2   | 02817     | NIPPLE 1.25 X CLOSE BLACK EXHV |
| 2   | 20838     | CONTROLLER 04316-EBC-LED        | 2   | 02820     | NIPPLE 1.25X4 BLACK EH         |
| 4   | 03021     | COUPLING FULL .5" NPT 3000#     | 42  | 01221     | NUT .3125-18 HEX MACH. SCREW Z |
| 2   | 03096     | CRATE 48"W X 76"L X 44"H DOMES  | 32  | 01168     | NUT .625"-11 HEAVY HEX STEEL   |
| 2   | 04525     | CROSS .5" BRASS B62 C836        | 8   | 01147     | PIPE PLUG .5" SQUARE HEAD FRGD |
| 2   | 04229     | DECAL SHEET                     | 2   | 04776     | PIPE PLUG .75" NPT COUNTERSUNK |
| 2   | 01162     | ELBOW .25" BRASS FEMALE         | 4   | 04163     | PRESSURE CONTROL 60# OPERATING |
| 2   | 01094     | ELBOW .5" X 90 DEG. BLACK MALL  | 2   | 04296     | PRESSURE CONTROL 90# HI LIMIT  |
| 8   | 01133     | ELBOW .5X90 DEG. STREET BLACK   | 2   | 20763     | PRESSURE CONTROL MANIFOLD R-24 |
| 4   | 01095     | ELBOW .75" X 90 DEG. BLACK      | 2   | 02329     | PRESSURE GAUGE 2.5" 160#MT23   |
| 2   | 01101     | ELBOW 1" X .5" REDUCING BLACK   | 2   | 20739     | PUMP ASSEMBLY (RHC 36-120)     |
| 2   | 01097     | ELBOW 1.25" X 90 DEG. BLACK     | 2   | 30229R-1A | PUMP PLATE RHC 100-120 12 X 32 |
| 2   | 20292-14B | ELECTRIC BOX SUPPORT 46.5" X 1  | 32  | 01342     | SCREW .3125-18X.75 HEX PLATED  |
| 2   | 20084B    | ELECTRICAL ENCLOSURE 26" X 30"  | 8   | 01246     | SCREW 8-32X.375RDHD MCH PLT SL |
| 2   | 20757     | ELECTRICAL PNL ASSY R36-120 LE  | 2   | R-120A    | SHELL R100-120 (COMPLETE NEW)  |
| 8   | 02609     | ELEMENT 480V 30KW 3P SS SHEATH  | 4   | 04529     | STANDOFF HEX 1.5" X .375" FOR  |
| 8   | 02022     | FLANGE GASKET 2" RING           | 8   | 04213     | SWITCH ILLUMINATED RED W/WHITE |
| 2   | 02125     | FUSE 250V 15A UL/CSA            | 2   | 20084B-8  | SWITCH PANEL FOR ELECTRICAL EN |
| 2   | 02655     | FUSE 250V 5A UL/CSA             | 4   | 04400     | SYPHON TUBE .25" BRASS SB43 GR |
| 24  | 02518     | FUSE 600V 50A UL/CSA            | 10  | 01104     | TEE .5" BLACK MALLEABLE IRON   |
| 8   | 02614     | FUSE BLOCK 600V 60A 3P UL/CSA   | 2   | 04523     | TEE .5" BRASS SB62 C836        |
| 2   | 02420     | GAUGE GLASS 5.875"X.625" PYREX  | 4   | 01103     | TEE .75" BLACK MALLEABLE IRON  |
| 2   | MBJ-9     | GAUGE GLASS SAFETY ROD R-MODEL  | 2   | 04564     | TEE REDUCING BRASS .5" X .5" X |
| 2   | 02522     | GAUGE PROTECTOR 6" U-SHAPE      | 24  | 02176     | TERMINAL LUG #8 HOMAC UL/CSA   |
| 2   | 04692     | GROUND STRAP #4 BRAIDED         | 1   | 04276     | TERMINAL STRIP 600V 35 AMP 10- |
| 59  | 02030     | INSULATION 2" X 48" X 100' FIB  | 0   | 03818     | TICKET HOLDER FOR SHOP CLEAR F |
| 4   | 02951     | KNOCKOUT SEAL .5"               | 4   | 01088     | UNION .5" BLACK MALLEABLE IRON |
| 2   | 20861     | LABEL MAX. TORQUE 10. LB IN @   | 2   | 02472     | VALVE BALL .25" 200# SWP       |



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REVISION: 001  
OPTION CODE:QUANTITY: ~~200~~ 100  
UNIT OF MEASUREMENT: EAMAKE FOR: I/M  
PLANNER:

| QTY | PART    | DESCRIPTION                    | QTY | PART | DESCRIPTION |
|-----|---------|--------------------------------|-----|------|-------------|
| 2   | 03802   | VALVE BALL .75" W/LATCH 200# S |     |      |             |
| 2   | 03254   | VALVE GAUGE TEST .25"          |     |      |             |
| 2   | 02712   | VALVE GLOBE 1.25"125#SWP       |     |      |             |
| 2   | 02637   | VALVE SAFETY .5" 100# SWP 1" O |     |      |             |
| 2   | 02396   | WATER GAUGE SET STANDARD SHANK |     |      |             |
| 20  | 04439   | WIRE #18 TGGT 600V 250C UL/CSA |     |      |             |
| 2   | 02209SS | WRAPPER END 20" 20103REV.B 16G |     |      |             |
| 2   | 20843   | WRAPPER END 20" W/2" HOLE      |     |      |             |
| 2   | 20062A  | WRAPPER R100-120 (NEW)         |     |      |             |