

CRN# _____

NATBLD# 67401 SERIAL# 69316

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRXH54E3F
WIRE DIAG.....W
WIRE SIZE.....8
HZ.....60
VOLTS.....240
CONTROL VOLT....120.
PHASE....3
PRESSURE.....
KILOWATTS...54
CAPACITY 187 BPH/BTU/HR

DAY/MONTH 3 / 8 20 10
VOLTS 240 AMPS 130.2 TOTAL WATTS 54,000
PRESSURE 80 DIFF 4

HEATER VOLTS 240KW 54PH 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 N/A
CONDENSATE TANK N/A
CONDENSATE & PIPE, ECT N/A
CONTROLS ☒
ELEMENT ☒
FEED HEATER 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. 3
ELEMENT VOLT/KW 240/18
JURISDICTION = VA.
FUEL =ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 189 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 8/3/10
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1200 SAT ☒ UNSAT _____ BY BSS DATE 8/3/10 (IAW U.L. 834)

(CORRECTED/RETEST) _____ BY _____ DATE _____ CORRECTIVE ACTION _____

NAMEPLATE: O.P. 100 KW 54 VOLTS 240 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 8/3/10

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)



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Work Order Traveler

SCHEDULED START: 07/22/10
DUE DATE: 07/23/10ITEM NUMBER: **RXH54E3F**
DESCRIPTION: **BOILER RH 54KW 240V 3PH 100# S**
REVISION: 001
OPTION CODE:QUANTITY: **1.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02616	BLOCK POWER DISTRIBUTION 3-20	1	04692	GROUND STRAP #4 BRAIDED
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	23	02030	INSULATION 2" X 48" X 100' PIB
3	04167	BUSHING .5" X .125" HEX BLACK	2	02951	KNOCKOUT SEAL .5"
1	01128	BUSHING .5X.25 HEX BLACK	1	20861	LABEL MAX TORQUE 10. LB IN #0
1	01124	BUSHING .75" X .5" HEX BLACK M	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	01121	BUSHING 1" X .5" HEX BLACK	15	01345	LOCKWASHER .3125" SPRING/SPLIT
1	04271	BUSHING 1.25" X .75" HEX BLACK	2	04522	NIPPLE .5 X 1.5" BRASS
2	04528	CABLE TIE MOUNT	2	02787	NIPPLE .5" X 1.5" BLACK EH
1	03089	CARTON 42W 54L 36.75 500# TEST	4	02788	NIPPLE .5" X 2" BLACK EH
1	02207	CEILING PLATE 1.25" PIPE SIZE	2	02789	NIPPLE .5" X 2.5" BLACK EH
2	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	1	02790	NIPPLE .5" X 3" BLACK EH
2	02244	CONDUIT ALFLEX type SWA 1.25"	1	02796	NIPPLE .5" X 6" BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	02246	CONDUIT CONNECTOR .375" 90 DEG	1	02786	NIPPLE .5" X CLOSE BLACK EH
1	03844	CONDUIT CONNECTOR .375" DUPLEX	1	02807	NIPPLE .75" X 9" BLACK EH
2	02249	CONDUIT CONNECTOR 1" X 90 DEG.	2	01180	NIPPLE .75" X CLOSE BLACK EH
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	02806	NIPPLE .75"X6" BLACK EH
1	02747	CONDUIT CONNECTOR 90 DEG.375"d	2	02802	NIPPLE .75X4 BLACK EH
4	02956	CONDUIT SLEEVE 1.25" T&B ULCS	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
1	03445	CONTACTOR 35A 120V 2P UL/CSA	1	02820	NIPPLE 1.25X4 BLACK EH
3	02530	CONTACTOR 50A 120V 3P UL/CSA	21	01221	NUT .3125-18 HEX MACH. SCREW Z
1	20838	CONTROLLER 04316-EBC-LED	12	01168	NUT .625"-11 HEAVY HEX STEEL
1	03021	COUPLING FULL .5" NPT 3000#	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	02988	CROSS .5" BLACK MALLEABLE IRON	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	04525	CROSS .5" BRASS B62 C836	2	04163	PRESSURE CONTROL 60# OPERATING
1	04229	DECAL SHEET	1	04296	PRESSURE CONTROL 90# HI LIMIT
1	01162	ELBOW .25" BRASS FEMALE	1	20763	PRESSURE CONTROL MANIFOLD R-24
3	01094	ELBOW .5" X 90 DEG. BLACK MALL	1	02329	PRESSURE GAUGE 2.5" 160#MT23
3	01133	ELBOW .5X90 DEG. STREET BLACK	1	20767	PUMP ASSEMBLY RH 24-120
1	01095	ELBOW .75" X 90 DEG. BLACK	1	20343-4	PUMP PLATE RH 24-120 4 X 7
1	01097	ELBOW 1.25" X 90 DEG. BLACK	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
2	02997	ELBOW STREET .25" 90 DEG.	1	R-60A	SHELL R45-60 (COMPLETE NEW)
1	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5	1	SKID2A	SKID BOILER NEW R;RH;RHC 24-70
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	20757	ELECTRICAL PNL ASSY R36-120 LE	3	04213	SWITCH ILLUMINATED RED W/WHITE
3	02189	ELEMENT 240V 18KW 3P SS SHEATH	2	04400	SYPHON TUBE .25" BRASS SB43 GR
3	02022	FLANGE GASKET 2" RING	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
1	02125	FUSE 250V 15A UL/CSA	5	01104	TEE .5" BLACK MALLEABLE IRON
1	02655	FUSE 250V 5A UL/CSA	1	04523	TEE .5" BRASS SB62 C836
9	02127	FUSE 250V 60A UL/CSA	2	01103	TEE .75" BLACK MALLEABLE IRON
3	02142	FUSE BLOCK 250V 60A 3P UL/CSA	1	04564	TEE REDUCING BRASS .5" X .5" X
1	02420	GAUGE GLASS 5.875"X.625" PYREX	9	02176	TERMINAL LUG #8 HOMAC UL/CSA
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	0	04276	TERMINAL STRIP 600V 35 AMP 10-
1	02522	GAUGE PROTECTOR 6" U-SHAPE	0	03818	TICKET HOLDER FOR SHOP CLEAR F



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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	01088	UNION .5" BLACK MALLEABLE IRON			
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	03254	VALVE GAUGE TEST .25"			
1	02012	VALVE GLOBE .75"125#SWP H.WHL			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
1	02396	WATER GAUGE SET STANDARD SHANK			
10	04439	WIRE #18 TGGT 600V 250C UL/CSA			
1	02209SS	WRAPPER END 20" 20103REV.B 16G			
1	20843	WRAPPER END 20" W/2" HOLE			
1	20054A	WRAPPER R24-80 (NEW)			