

CRN# _____

NATBLD# 67903SERIAL# 69821

MODELRXH54K3F
WIRE DIAG.....W
WIRE SIZE.....10
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....
KILOWATTS....54
CAPACITY 187 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 24/9 2010
VOLTS 480 AMPS 64.8 TOTAL WATTS 54,000
PRESSURE 80 DIFF 4

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

HEATER VOLTS 480KW 54PH 3 HZ 60

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 480/18
JURISDICTION = VA.
FUEL =ELECTRIC

TEAM

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 9/23/10
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT _____ BY BSB DATE 9/24/10 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

NAMEPLATE: O.P. 100 KW 54 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 9/24/10

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)



0018085

Page: 1

Work Order Traveler

SCHEDULED START: 09/08/10
DUE DATE: 09/10/10ITEM NUMBER: RXH54K3F
DESCRIPTION: BOILER RH 54KW 480V 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 3-2/0	1	02522	GAUGE PROTECTOR 6" U-SHAPE
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	1	04692	GROUND STRAP #4 BRAIDED
3	04167	BUSHING .5" X .125" HEX BLACK	23	02030	INSULATION 2" X 48" X 100' FIB
1	01128	BUSHING .5X.25 HEX BLACK	2	02951	KNOCKOUT SEAL .5"
1	01124	BUSHING .75" X .5" HEX BLACK M	1	20861	LABEL MAX. TORQUE 10. LB IN/O
1	01121	BUSHING 1" X .5" HEX BLACK	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	04271	BUSHING 1.25" X .75" HEX BLACK	15	01345	LOCKWASHER .3125" SPRING/SPLIT
2	04528	CABLE TIE MOUNT	2	04522	NIPPLE .5 X 1.5" BRASS
1	03089	CARTON 42W 54L 36.75 500# TEST	2	02787	NIPPLE .5" X 1.5" BLACK EH
1	02207	CEILING PLATE 1.25" PIPE SIZE	4	02788	NIPPLE .5" X 2" BLACK EH
2	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	2	02789	NIPPLE .5" X 2.5" BLACK EH
2	02244	CONDUIT ALFLEX type SWA 1.25"	1	02790	NIPPLE .5" X 3" BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	1	02796	NIPPLE .5" X 6" BLACK EH
2	02246	CONDUIT CONNECTOR .375" 90 DEG	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
1	03844	CONDUIT CONNECTOR .375" DUPLEX	1	02786	NIPPLE .5" X CLOSE BLACK EH
2	02249	CONDUIT CONNECTOR 1" X 90 DEG.	1	02807	NIPPLE .75" X 9" BLACK EH
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	2	01180	NIPPLE .75" X CLOSE BLACK EH
1	02747	CONDUIT CONNECTOR 90 DEG.375"4	1	02806	NIPPLE .75"X6" BLACK EH
4	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	2	02802	NIPPLE .75X4 BLACK EH
1	03445	CONTACTOR 35A 120V 2P UL/CSA	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
3	02530	CONTACTOR 50A 120V 3P UL/CSA	1	02820	NIPPLE 1.25X4 BLACK EH
1	20838	CONTROLLER 04316-EBC-LED	21	01221	NUT .3125-18 HEX MACH. SCREW Z
1	03021	COUPLING FULL .5" NPT 3000#	12	01168	NUT .625"-11 HEAVY HEX STEEL
1	02988	CROSS .5" BLACK MALLEABLE IRON	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	04525	CROSS .5" BRASS B62 C836	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	04229	DECAL SHEET	1	04163	PRESSURE CONTROL 60# OPERATING
1	01162	ELBOW .25" BRASS FEMALE	1	04296	PRESSURE CONTROL 90# HI LIMIT
3	01094	ELBOW .5" X 90 DEG. BLACK MALL	1	20763	PRESSURE CONTROL MANIFOLD R-24
3	01133	ELBOW .5X90 DEG. STREET BLACK	1	02329	PRESSURE GAUGE 2.5" 160#MT23
1	01095	ELBOW .75" X 90 DEG. BLACK	1	20767	PUMP ASSEMBLY RH 24-120
1	01097	ELBOW 1.25" X 90 DEG. BLACK	1	20343-4	PUMP PLATE RH 24-120 4 X 7
2	02997	ELBOW STREET .25" 90 DEG.	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
1	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5	1	R-60A	SHELL R45-60 (COMPLETE NEW)
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	1	SKID2	SKID BOILER NEW R,RH,RHC 24-70
1	20757	ELECTRICAL PNL ASSY R36-120 LE	2	04529	STANDOFF HEX 1.5" X .375" FOR
3	02188	ELEMENT 480V 18KW 3P SS SHEATH	3	04213	SWITCH ILLUMINATED RED W/WHITE
3	02022	FLANGE GASKET 2" RING	2	04400	SYPHON TUBE .25" BRASS SB43 GR
1	02125	FUSE 250V 15A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
1	02655	FUSE 250V 5A UL/CSA	5	01104	TEE .5" BLACK MALLEABLE IRON
9	02134	FUSE 600V 30A UL/CSA	1	04523	TEE .5" BRASS SB62 C836
3	02613	FUSE BLOCK 600V 30A 3P UL/CSA	2	01103	TEE .75" BLACK MALLEABLE IRON
1	02420	GAUGE GLASS 5.875"X.625" PYREX	1	04564	TEE REDUCING BRASS .5" X .5" X
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	9	02176	TERMINAL LUG #8 HOMAC UL/CSA



0018085

Page: 2

Work Order Traveler

SCHEDULED START: 09/08/10
DUE DATE: 09/10/10ITEM NUMBER: RXH54K3F
DESCRIPTION: BOILER RH 54KW 480V 3PH 100# S
REVISION: 001
OPTION CODE:QUANTITY: 1.00
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
0	04276	TERMINAL STRIP 600V 35 AMP 10-			
0	03818	TICKET HOLDER FOR SHOP CLEAR F			
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)			