

CRN# _____

NATBLD# 68112SERIAL# 70031

MODELRXH80K3F
WIRE DIAG.....W
WIRE SIZE.....10
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....
KILOWATTS...80
CAPACITY 278 BPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 5 / 11 2011
VOLTS 480 AMPS 97.2 TOTAL WATTS 80,000
PRESSURE 85 DIFF 4

HEATER VOLTS 480KW 80PH 3 HZ 60

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

APPEARANCE ✓
BLOWDOWN MAN N/A AUTO ✓
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. 4
ELEMENT VOLT/KW 480/20
JURISDICTION = VA.
FUEL =ELECTRIC

TEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 280 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 11/5/10
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT _____ BY ASB DATE 11/5/10 (IAW U.L. 834)

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

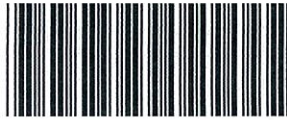
NAMEPLATE: O.P. 100 KW 80 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 11/5/10

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)

10f2



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Work Order Traveler

SCHEDULED START: 10/05/10
DUE DATE: 10/08/10ITEM NUMBER: **RXH80K3F**
DESCRIPTION: **BOILER RH 80 480V 3PH 100# SAF**
REVISION: 001
OPTION CODE:QUANTITY: **2.00** 1.00
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02616	BLOCK POWER DISTRIBUTION 3-20	4	02951	KNOCKOUT SEAL .5"
2	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	2	20861	LABEL MAX. TORQUE 10. LB IN /O
4	04167	BUSHING .5" X .125" HEX BLACK	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
2	01128	BUSHING .5X.25 HEX BLACK	30	01345	LOCKWASHER .3125" SPRING/SPLIT
2	01124	BUSHING .75" X .5" HEX BLACK M	4	04522	NIPPLE .5 X 1.5" BRASS
2	01121	BUSHING 1" X .5" HEX BLACK	4	02787	NIPPLE .5" X 1.5" BLACK EH
2	01118	BUSHING 1.25" X 1" HEX BLACK	8	02788	NIPPLE .5" X 2" BLACK EH
4	04528	CABLE TIE MOUNT	4	02789	NIPPLE .5" X 2.5" BLACK EH
2	03089	CARTON 42W 54L 36.75 500# TEST	2	02790	NIPPLE .5" X 3" BLACK EH
2	02207	CEILING PLATE 1.25" PIPE SIZE	2	02796	NIPPLE .5" X 6" BLACK EH
7	02244	CONDUIT ALFLEX type SWA 1.25"	2	04526	NIPPLE .5" X 6" BRASS SB43 GRO
7	02240	CONDUIT ALFLEX type SWA .375"	2	02786	NIPPLE .5" X CLOSE BLACK EH
4	02246	CONDUIT CONNECTOR .375" 90 DEG	2	02807	NIPPLE .75" X 9" BLACK EH
8	02250	CONDUIT CONNECTOR 1.25" 90 DEG	4	01180	NIPPLE .75" X CLOSE BLACK EH
2	02747	CONDUIT CONNECTOR 90 DEG.375"4	2	02806	NIPPLE .75"X6" BLACK EH
8	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	2	02802	NIPPLE .75X4 BLACK EH SCH80
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
2	03021	COUPLING FULL .5" NPT 3000#	42	01221	NUT .3125-18 HEX MACH. SCREW Z
2	02988	CROSS .5" BLACK MALLEABLE IRON	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	8	04163	PRESSURE CONTROL 60# OPERATING
6	01094	ELBOW .5" X 90 DEG. BLACK MALL	2	04296	PRESSURE CONTROL 90# HI LIMIT
6	01133	ELBOW .5X90 DEG. STREET BLACK	2	20763	PRESSURE CONTROL MANIFOLD R-24
2	01095	ELBOW .75" X 90 DEG. BLACK	2	02329	PRESSURE GAUGE 2.5" 160#MT23
2	01097	ELBOW 1.25" X 90 DEG. BLACK	2	20767	PUMP ASSEMBLY RH 24-120
4	02997	ELBOW STREET .25" 90 DEG.	2	20343-4	PUMP PLATE RH 24-120 5 X8
2	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5	8	01246	SCREW 8-32X.375RDHD MCH PLT SL
2	20084B	ELECTRICAL ENCLOSURE 26" X 30"	2	R-80A	SHELL R70-80 (COMPLETE NEW)
2	20757	ELECTRICAL PNL ASSY R36-120 LE	2	SKID2A	SKID BOILER NEW R2RH/RHC 24-70
8	02602	ELEMENT 480V 20KW 3P STRAP Y S	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	SWITCH PANEL FOR ELECTRICAL EN
2	02655	FUSE 250V 5A UL/CSA	4	04400	SYPHON TUBE .25" BRASS SB43 GR
24	02134	FUSE 600V 30A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
8	02613	FUSE BLOCK 600V 30A 3P UL/CSA	10	01104	TEE .5" BLACK MALLEABLE IRON
2	02420	GAUGE GLASS 5.875"X.625" PYREX	2	04523	TEE .5" BRASS SB62 C836
2	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	4	01103	TEE .75" BLACK MALLEABLE IRON
2	02522	GAUGE PROTECTOR 6" U-SHAPE	2	04564	TEE REDUCING BRASS .5" X .5" X
2	04692	GROUND STRAP #4 BRAIDED	24	02176	TERMINAL LUG #8 HOMAC UL/CSA
46	02030	INSULATION 2" X 48" X 100' FIB	1	04276	TERMINAL STRIP 600V 35 AMP 10-



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PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	03818	TICKET HOLDER FOR SHOP CLEAR F			
2	01088	UNION .5" BLACK MALLEABLE IRON			
2	03802	VALVE BALL .75" W/LATCH 200# S			
2	03254	VALVE GAUGE TEST .25"			
2	02163	VALVE GLOBE 1" 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	20054A	WRAPPER R24-80 (NEW)			