

CRN#

NATBLD#

66962

SERIAL#

68871

MODELRXH80K3F

WIRE DIAG..... 04-15-20-35-50 60-71-80-90

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 18 / 1 20 10

VOLTS 480 AMPS 96 TOTAL WATTS 80,000

PRESSURE 80 DIFF 4

HEATER VOLTS 480

KW 80

PH 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

STEAM

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 1/18/10

LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ☒ UNSAT BY BSB DATE (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

SAFETY VALVE

CAPACITY 423

LB PER HR.

OPERATIONAL

TEST ☒

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

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 1/18/10

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



0016340

Page: 1

Work Order Traveler

SCHEDULED START: 01/01/10
DUE DATE: 01/06/10ITEM NUMBER: **RXH80K3F**
DESCRIPTION: **BOILER RH 80 480V 3PH 100# SAF**
REVISION: 000
OPTION CODE:QUANTITY: ~~200~~ 1,000
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02616	BLOCK POWER DISTRIBUTION 3-20	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
2	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	4	04522	NIPPLE .5 X 1.5" BRASS
4	04167	BUSHING .5" X .125" HEX BLACK	4	02787	NIPPLE .5" X 1.5" BLACK EH
2	01128	BUSHING .5X.25 HEX BLACK	8	02788	NIPPLE .5" X 2" BLACK EH
2	01124	BUSHING .75" X .5" HEX BLACK M	4	02789	NIPPLE .5" X 2.5" BLACK EH
2	01121	BUSHING 1" X .5" HEX BLACK	2	02790	NIPPLE .5" X 3" BLACK EH
2	01118	BUSHING 1.25" X 1" HEX BLACK	2	02796	NIPPLE .5" X 6" BLACK EH
4	04528	CABLE TIE MOUNT	2	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	03089	CARTON 42W 54L 36.75 500W TEST	2	02786	NIPPLE .5" X CLOSE BLACK EH
2	02207	CEILING PLATE 1.25" PIPE SIZE	2	02807	NIPPLE .75" X 9" BLACK EH
7	02244	CONDUIT ALFLEX type SWA 1.25"	4	01180	NIPPLE .75" X CLOSE BLACK EH
7	02240	CONDUIT ALFLEX type SWA .375"	2	02806	NIPPLE .75"X6" BLACK EH
4	02246	CONDUIT CONNECTOR .375" 90 DEG	2	02802	NIPPLE .75X4 BLACK EH
8	02250	CONDUIT CONNECTOR 1.25" 90 DEG	2	01217	NIPPLE 1" X 4" BLACK EH
2	02747	CONDUIT CONNECTOR 90 DEG.375" d	2	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
8	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	2	02820	NIPPLE 1.25X4 BLACK EH
8	02530	CONTACTOR 50A 120V 3P UL/CSA	32	01168	NUT .625"-11 HEAVY HEX STEEL
2	03021	COUPLING FULL .5" NPT 3000#	8	01147	PIPE PLUG .5" SQUARE HEAD FRGD
2	02988	CROSS .5" BLACK MALLEABLE IRON	2	04776	PIPE PLUG .75" NPT COUNTERSUNK
2	04525	CROSS .5" BRASS B62 C836	2	04163	PRESSURE CONTROL 60# OPERATING
2	04229	DECAL SHEET	2	04296	PRESSURE CONTROL 90# HI LIMIT
2	01162	ELBOW .25" BRASS FEMALE	2	20763	PRESSURE CONTROL MANIFOLD R-24
6	01094	ELBOW .5" X 90 DEG. BLACK MALL	2	02329	PRESSURE GAUGE 2.5" 160#/MT23
6	01133	ELBOW .5X90 DEG. STREET BLACK	2	20767	PUMP ASSEMBLY RH 24-120
2	01095	ELBOW .75" X 90 DEG. BLACK	2	20343-4	PUMP PLATE RH 24-120 4 X 7
2	01097	ELBOW 1.25" X 90 DEG. BLACK	8	01246	SCREW 8-32X.375RDHD MCH PLT SL
4	02997	ELBOW STREET .25" 90 DEG.	2	R-80A	SHELL R70-80 (COMPLETE NEW)
2	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5	2	SKID2A	SKID BOILER NEW R,RH;RHC 24-70
2	20084B	ELECTRICAL ENCLOSURE 26" X 30"	4	04529	STANDOFF HEX 1.5" X .375" FOR
2	20757	ELECTRICAL PNL ASSY R36-120 LE	8	04213	SWITCH ILLUMINATED RED W/WHITE
2	20721	ELECTRONIC BOILER CONTROL (RB-	2	20084B	SWITCH PANEL FOR ELECTRICAL EN
8	02602	ELEMENT 480V 20KW 3P STRAP Y S	4	04400	SYPHON TUBE .25" BRASS SB43 GR
8	02022	FLANGE GASKET 2" RING	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
2	02125	FUSE 250V 15A UL/CSA	10	01104	TEE .5" BLACK MALLEABLE IRON
24	02134	FUSE 600V 30A UL/CSA	2	04523	TEE .5" BRASS SB62 C836
8	02613	FUSE BLOCK 600V 30A 3P UL/CSA	4	01103	TEE .75" BLACK MALLEABLE IRON
2	02420	GAUGE GLASS 5.875"X.625" PYREX	2	04564	TEE REDUCING BRASS .5" X .5" X
2	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	24	02176	TERMINAL LUG #8 HOMAC UL/CSA
2	02522	GAUGE PROTECTOR 6" U-SHAPE	1	04276	TERMINAL STRIP 600V 35 AMP 10-
2	04692	GROUND STRAP #4 BRAIDED	0	03818	TICKET HOLDER FOR SHOP CLEAR F
46	02030	INSULATION 2" X 48" X 100' FIB	2	01088	UNION .5" BLACK MALLEABLE IRON
4	02951	KNOCKOUT SEAL .5"	2	03802	VALVE BALL .75" W/LATCH 200# S
2	20861	LABEL MAX. TORQUE 10. LB IN/0	2	03254	VALVE GAUGE TEST .25"



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Page: 2

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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02163	VALVE GLOBE 1" 125# SWP	1/18/10	1/18/10	
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)			
OPT1016					