

CRN#

NATBLD#

SERIAL#

68287

70208

MODELRXHC80K3F

WIRE DIAG.....W

WIRE SIZE.....10

HZ.....60

VOLTS.....480

CONTROL VOLT....120.

PHASE.....3

PRESSURE.....

KILOWATTS....80

CAPACITY 278 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 18 / 2 20 11

VOLTS 480 AMPS 93.6 TOTAL WATTS 80,000

PRESSURE 85 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 ✓ AUTO N/A

CONDENSATE TANK ✓

CONDENSATE & PIPE, ECT ✓

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 2/18/11

LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

SAFETY VALVE

CAPACITY 423
LB PER HR.OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT BY BSB DATE 2/18/11 (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 2/18/11

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)



0019219

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Work Order Traveler

SCHEDULED START: 02/14/11
DUE DATE: 02/15/11ITEM NUMBER: **RXHC80K3F**
DESCRIPTION: **BOILER RHC 80KW 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	23	02030	INSULATION 2" X 48" X 100' FIB
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	2	02951	KNOCKOUT SEAL .5"
2	04167	BUSHING .5" X .125" HEX BLACK	1	20861	LABEL MAX. TORQUE 10. LB IN /0
1	01128	BUSHING .5X.25 HEX BLACK	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	01121	BUSHING 1" X .5" HEX BLACK	15	01345	LOCKWASHER .3125" SPRING/SPLIT
1	01118	BUSHING 1.25" X 1" HEX BLACK	2	04522	NIPPLE .5 X 1.5" BRASS
2	04528	CABLE TIE MOUNT	3	02788	NIPPLE .5" X 2" BLACK EH
1	03089	CARTON 42W 54L 36.75 500# TEST	1	02789	NIPPLE .5" X 2.5" BLACK EH
1	02207	CEILING PLATE 1.25" PIPE SIZE	1	02791	NIPPLE .5" X 3.5" BLACK EH
1	20740	COND. TANK ASSY. (RHC 36-120)	2	02796	NIPPLE .5" X 6" BLACK EH
4	02244	CONDUIT ALFLEX type SWA 1.25"	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
4	02240	CONDUIT ALFLEX type SWA .375"	5	02786	NIPPLE .5" X CLOSE BLACK EH
2	02246	CONDUIT CONNECTOR .375" 90 DEG	1	02807	NIPPLE .75" X 9" BLACK EH
2	02252	CONDUIT CONNECTOR .375"STR UL	2	01180	NIPPLE .75" X CLOSE BLACK EH
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	02802	NIPPLE .75X4 BLACK EH SCH80
4	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	1	02810	NIPPLE 1" CLOSE BLACK EH
1	03445	CONTACTOR 35A 120V 2P UL/CSA	1	01217	NIPPLE 1" X 4" BLACK EH
4	02530	CONTACTOR 50A 120V 3P UL/CSA	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
1	20838	CONTROLLER 04316-EBC-LED	1	02820	NIPPLE 1.25X4 BLACK EH
1	03021	COUPLING FULL .5" NPT 3000#	21	01221	NUT .3125-18 HEX MACH. SCREW Z
1	02988	CROSS .5" BLACK MALLEABLE IRON	16	01168	NUT .625"-11 HEAVY HEX STEEL
1	04525	CROSS .5" BRASS B62 C836	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	04229	DECAL SHEET	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	01162	ELBOW .25" BRASS FEMALE	2	04163	PRESSURE CONTROL 60# OPERATING
1	01094	ELBOW .5" X 90 DEG. BLACK MALL	1	04296	PRESSURE CONTROL 90# HI LIMIT
4	01133	ELBOW .5X90 DEG. STREET BLACK	1	20763	PRESSURE CONTROL MANIFOLD R-24
2	01095	ELBOW .75" X 90 DEG. BLACK	1	02329	PRESSURE GAUGE 2.5" 160#MT23
1	01101	ELBOW 1" X .5" REDUCING BLACK	1	20062A	PROBE COVER R36-120
1	01097	ELBOW 1.25" X 90 DEG. BLACK	1	20739	PUMP ASSEMBLY (RHC 36-120)
2	02997	ELBOW STREET .25" 90 DEG.	1	20432-7A	PUMP PLATE RHC 24-80
1	20292-14A	ELECTRIC BOX SUPPORT 35" X 1.5	16	01342	SCREW .3125-18X.75 HEX PLATED
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
1	20757	ELECTRICAL PNL ASSY R36-120 LE	1	R-80A	SHELL R70-80 (COMPLETE NEW)
4	02602	ELEMENT 480V 20KW 3P STRAP Y S	1	SKID2A	SKID BOILER NEW R,RH,RHC 24-80
4	02022	FLANGE GASKET 2" RING	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	02125	FUSE 250V 15A UL/CSA	4	04213	SWITCH ILLUMINATED RED W/WHITE
1	02655	FUSE 250V 5A UL/CSA	1	20084B-8	SWITCH PANEL FOR ELECTRICAL EN
12	02134	FUSE 600V 30A UL/CSA	2	04400	SYPHON TUBE .25" BRASS SB43 GR
4	02613	FUSE BLOCK 600V 30A 3P UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
1	02420	GAUGE GLASS 5.875"X.625" PYREX	5	01104	TEE .5" BLACK MALLEABLE IRON
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	1	04523	TEE .5" BRASS SB62 C836
1	02522	GAUGE PROTECTOR 6" U-SHAPE	2	01103	TEE .75" BLACK MALLEABLE IRON
1	04692	GROUND STRAP #4 BRAIDED	1	04564	TEE REDUCING BRASS .5" X .5" X



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PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
12	02176	TERMINAL LUG #8 HOMAC UL/CSA			
0	04276	TERMINAL STRIP 600V 35 AMP 10-			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			
2	01088	UNION .5" BLACK MALLEABLE IRON			
1	02490	VALVE BALL .5" 200# SWP			
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	02370	VALVE CHECK .5" 200# SWP			
1	03254	VALVE GAUGE TEST .25"			
1	02163	VALVE GLOBE 1" 125# SWP			
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	02309SS	WRAPPER END 20" 20103REV.B 16G			
1	20843	WRAPPER END 20" W/2" HOLE			
1	20054A	WRAPPER R24-80 (NEW)			
OPTION - 480RH					