

CRN# _____

NATBLD# 67912 SERIAL# 69830

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 1 / 11 20 10
VOLTS 480 AMPS 96.4 TOTAL WATTS 80,000
PRESSURE 15 DIFF 2

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 ☒ AUTO nd/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 80)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY α DATE 11/1/10
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ☒ UNSAT _____ BY B50 DATE 11/1/10 (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 11/1/10

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: 10/12/10
DUE DATE: 10/13/10ITEM 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 /O
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-EB-C-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	1	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	20739	PUMP ASSEMBLY (RHC 36-120)
1	01097	ELBOW 1.25" X 90 DEG. BLACK	1	20432-7A	PUMP PLATE RHC 24-80
2	02997	ELBOW STREET .25" 90 DEG.	16	01342	SCREW .3125-18X.75 HEX PLATED
1	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	1	R-80A	SHELL R70-80 (COMPLETE NEW)
1	20757	ELECTRICAL PNL ASSY R36-120 LE	1	SKID2A	SKID BOILER NEW R/RHC 24-70
4	02602	ELEMENT 480V 20KW 3P STRAP Y S	2	04529	STANDOFF HEX 1.5" X .375" FOR
4	02022	FLANGE GASKET 2" RING	4	04213	SWITCH ILLUMINATED RED W/WHITE
1	01215	FUSE 250V 15A UL/CSA	1	20084B8	SWITCH PANEL FOR ELECTRICAL EN
1	02655	FUSE 250V 5A UL/CSA	2	04400	SYPHON TUBE .25" BRASS SB43 GR
12	02134	FUSE 600V 30A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
4	02613	FUSE BLOCK 600V 30A 3P UL/CSA	5	01104	TEE .5" BLACK MALLEABLE IRON
1	02420	GAUGE GLASS 5.875"X.625" PYREX	1	04523	TEE .5" BRASS SB62 C836
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	2	01103	TEE .75" BLACK MALLEABLE IRON
1	02522	GAUGE PROTECTOR 6" U-SHAPE	1	04564	TEE REDUCING BRASS .5" X .5" X
1	04692	GROUND STRAP #4 BRAIDED	12	02176	TERMINAL LUG #8 HOMAC UL/CSA



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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-			
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	02209SS	WRAPPER END 20" 20103REV.B 16G			
1	20843	WRAPPER END 20" W/2" HOLE			
1	20054A	WRAPPER R24-80 (NEW)			