

CRN# _____

NATBLD# 67906 SERIAL# 69321

MODELRXH100K3F
WIRE DIAG.....
WIRE SIZE.....10
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE....3
PRESSURE.....
KILOWATTS...100
CAPACITY 348 BPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 15 / 6 20 10
VOLTS 480 AMPS 122.8 TOTAL WATTS 100,000
PRESSURE 85 DIFF 4

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

HEATER VOLTS 486KW 100PH 3 HZ 60

APPEARANCE ☒
BLOWDOWN MAN N/A AUTO ☒
CONDENSATE TANK N/A
CONDENSATE & PIPE, ECT N/A
CONTROLS ☒
ELEMENT ☒
FEED WATER 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 480/25
JURISDICTION = VA.
FUEL =ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 350 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 6/15/10
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ☒ UNSAT _____ BY BSB DATE 6/15/10 (IAW U.L. 834)

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

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

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 6/15/10

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: 05/31/10
DUE DATE: 06/02/10

ITEM NUMBER: **RXH100K3F**
 DESCRIPTION: **BOILER RH 100KW 480V 3PH 100#**
 REVISION: **001**
 OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02616	BLOCK POWER DISTRIBUTION 3-20	2	04522	NIPPLE .5 X 1.5" BRASS
1	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	2	02787	NIPPLE .5" X 1.5" BLACK EH
3	04167	BUSHING .5" X .125" HEX BLACK	4	02788	NIPPLE .5" X 2" BLACK EH
1	01128	BUSHING .5X.25 HEX BLACK	2	02789	NIPPLE .5" X 2.5" BLACK EH
1	01124	BUSHING .75" X .5" HEX BLACK M	1	02790	NIPPLE .5" X 3" BLACK EH
1	01121	BUSHING 1" X .5" HEX BLACK	1	02796	NIPPLE .5" X 6" BLACK EH
2	04528	CABLE TIE MOUNT	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	1	02786	NIPPLE .5" X CLOSE BLACK EH
2	02244	CONDUIT ALFLEX type SWA 1.25"	1	02807	NIPPLE .75" X 9" BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	2	01180	NIPPLE .75" X CLOSE BLACK EH
2	02246	CONDUIT CONNECTOR .375" 90 DEG	1	02806	NIPPLE .75"X6" BLACK EH
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	02803	NIPPLE .75X4.5 BLACK EXHEAVY
1	02747	CONDUIT CONNECTOR 90 DEG.375"4	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
4	02956	CONDUIT SLEEVE 1.25" T&B ULCS	1	012820	NIPPLE 1.25X4 BLACK EH
4	02530	CONTACTOR 50A 120V 3P ULCSA	21	02821	NUT .3125-18 HEX MACH. SCREW Z
1	20838	CONTROLLER 04316-EBC-LED	16	01168	NUT .625"-11 HEAVY HEX STEEL
1	03021	COUPLING FULL .5" NPT 3000#	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	02234	CRATE 37" X 76" L X 40" H DOMES	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	02988	CROSS .5" BLACK MALLEABLE IRON	2	04163	PRESSURE CONTROL 60# OPERATING
1	04525	CROSS .5" BRASS B62 C836	1	04296	PRESSURE CONTROL 90# HI LIMIT
1	04229	DECAL SHEET	1	00763	PRESSURE CONTROL MANIFOLD R-24
1	01162	ELBOW .25" BRASS FEMALE	1	02329	PRESSURE GAUGE 2.5" 160MMT23
3	01094	ELBOW .5" X 90 DEG. BLACK MALL	1	020767	PUMP ASSEMBLY RH 24-120
3	01133	ELBOW .5X90 DEG. STREET BLACK	1	20343-4	PUMP PLATE RH 24-120 X 7
1	01095	ELBOW .75" X 90 DEG. BLACK	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
1	01097	ELBOW 1.25" X 90 DEG. BLACK	1	R-120A	SHELL R100-120 (COMPLETE NEW)
2	02997	ELBOW STREET .25" 90 DEG.	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1	4	04213	SWITCH ILLUMINATED RED W/WHITE
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	1	20084B-8	SWITCH PANEL FOR ELECTRICAL EN
1	20757	ELECTRICAL PNL ASSY R36-120 LE	2	04400	SYPHON TUBE .25" BRASS SB43 GR
4	02605	ELEMENT 480V 25KW 3P SS SHEATH	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
4	02022	FLANGE GASKET 2" RING	5	01104	TEE .5" BLACK MALLEABLE IRON
1	01215	FUSE 250V 15A ULCSA	1	04523	TEE .5" BRASS SB62 C836
12	02135	FUSE 600V 40A ULCSA	2	01103	TEE .75" BLACK MALLEABLE IRON
4	02614	FUSE BLOCK 600V 60A 3P ULCSA	1	04564	TEE REDUCING BRASS .5" X .5" X
1	02420	GAUGE GLASS 5.875"X.625" PYREX	12	02176	TERMINAL LUG #8 HOMAC ULCSA
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	0	04276	TERMINAL STRIP 600V 35 AMP 10
1	02522	GAUGE PROTECTOR 6" U-SHAPE	0	03818	TICKET HOLDER FOR SHOP CLEAR F
1	04692	GROUND STRAP #4 BRAIDED	1	01088	UNION .5" BLACK MALLEABLE IRON
30	02030	INSULATION 2" X 48" X 100' FIB	1	03802	VALVE BALL .75" W/LATCH 200# S
2	02951	KNOCKOUT SEAL .5"	1	03254	VALVE GAUGE TEST .25"
1	20861	LABEL MAX. TORQUE 10. LB IN/O	1	02712	VALVE GLOBE 1.25"125#SWP
1	04301	LABEL NAMEPLATE ULCSA 3.48 X	1	02637	VALVE SAFETY .5" 100# SWP 1" O
15	01345	LOCKWASHER .3125" SPRING/SPILT	1	02396	WATER GAUGE SET STANDARD SHANK



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 REVISION: 001
 OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
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	20062A	WRAPPER R100-120 (NEW)			
1	03445	3SA 120V CONTACTOR			
1	02655	250V 5A FUSE			

OPT1016