

CRN# _____

NATBLD# 59854 SERIAL# 61685

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRXH100K3F
DIAG.....
WIRE SIZE.....8
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE...3
PRESSURE.....
KILOWATTS...100
CAPACITY 348 PPH/BTU/HR

DAY/MONTH 20 / 4 2004
VOLTS 480 AMPS 120 TOTAL WATTS 100kw
PRESSURE 50 DIFF 5

HEATER VOLTS 480KW 100PH 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 ☒

CONDENSATE TANK _____

CONDENSATE & PIPE, ECT _____

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. 4ELEMENT VOLT/KW 480V - 100kwJURISDICTION = 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/1000)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 150 BY BB DATE 4/20/04
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1960 SAT ☒ UNSAT _____ BY BB DATE 4/20/04 (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) G Burke DATE 4-20-04

Signature S Burke

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)



0004149

Page: 1

Work Order Traveler

SCHEDULED START: 04/09/04
DUE DATE: 04/13/04ITEM NUMBER: **RXH100K3F**
DESCRIPTION: **BOILER RH 100KW 480V 3PH 100#**
REVISION: 000
OPTION CODE:QUANTITY: **1.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	1	01088	UNION .5" BLACK MALLEABLE IRON	0010	1	02522	GAUGE PROTECTOR 6"
0010	5	01094	ELBOW .5" X 90 DEG. BLACK MALL	0010	4	02530	CONTACTOR 50A 120V 3P UL/CSA
0010	1	01095	ELBOW .75" X 90 DEG. BLACK	0010	4	02605	ELEMENT 480V 25KW 3P SS SHEATH
0010	1	01097	ELBOW 1.25" X 90 DEG. BLACK	0010	4	02614	FUSE BLOCK 600V 60A 3P UL/CSA
0010	2	01103	TEE .75" BLACK MALLEABLE IRON	0010	1	02618	BLOCK POWER DISTRIBUTION 3/350
0010	5	01104	TEE .5" BLACK MALLEABLE IRON	0010	1	02637	VALVE SAFETY .5" 100# SWP 1" O
0010	1	01121	BUSHING 1" X .5" HEX	0010	1	02692	VALVE CHECK .5" BALL CONE SPRIN
0010	1	01124	BUSHING .75" X .5" HEX BLACK M	0010	1	02712	VALVE GLOBE 1.25" 125# SWP
0010	1	01128	BUSHING .5X.25 HEX BLACK	0010	5	02786	NIPPLE .5" X CLOSE BLACK EH
0010	4	01133	ELBOW .5X90 DEG. STREET BLACK	0010	2	02787	NIPPLE .5" X 1.5" BLACK EH
0010	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD	0010	5	02788	NIPPLE .5" X 2" BLACK EH ASTM
0010	5	01160	NIPPLE .25XCLS.BRASS SCH40	0010	2	02789	NIPPLE .5" X 2.5" BLACK EH
0010	16	01168	NUT .625" X 11 HEAVY HEX STEEL	0010	1	02790	NIPPLE .5" X 3" BLACK EH ASTM
0010	2	01180	NIPPLE .75" X CLOSE BLACK EH	0010	1	02791	NIPPLE .5" X 3.5" BLACK EH
0010	4	02022	FLANGE GASKET 2" RING	0010	1	02796	NIPPLE .5" X 6" BLACK EH ASTM
0010	30	02030	INSULATION 2" X 48" X 150' FIB	0010	1	02802	NIPPLE .75X4 BLACK EXHEAVY
0010	4	02099	SWITCH LOCK RING	0010	1	02806	NIPPLE .75"X6" BLACK EXTRA HEA
0010	2	02100	SWITCH CH SINGLE POLE SINGLE T	0010	1	02807	NIPPLE .75" X 9" BLACK EH ASTM
0010	4	02107	SWITCH PLATE ON-OFF FOR TOGGLE	0010	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
0010	1	02125	FUSE 250V 15A UL/CSA	0010	1	02820	NIPPLE 1.25X4 BLACK EXHEAVY
0010	12	02135	FUSE 600V 40A UL/CSA	0010	2	02951	KNOCKOUT SEAL .5" HEYCO
0010	4	02139A	LIGHT 120V RED OMNI GLOW	0010	1	02988	CROSS .5" BLACK MALLEABLE IRON
0010	1	02140	FUSE BLOCK 250V 30A 1P UL/CSA	0010	2	02997	ELBOW STREET .25" 90 DEG.
0010	12	02176	TERMINAL LUG #8 HOMAC UL/CSA	0010	1	03021	COUPLING FULL .5" NPT 3000#
0010	2	02209SS	WRAPPER END 20" 20103REV.B 16G	0010	1	03254	VALVE GAUGE TEST .25"
0010	1	02234	CRATE 37"W X 76"L X 40"H DOMES	0010	1	03325	STRAINER .5" Y ASTM B-62 UNS C
0010	4	02240	CONDUIT .375" FLEXIBLE STEEL U	0010	1	03399	PUMP 1/3 HP 120V 1 PHASE 60 HZ
0010	2	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	0010	1	03551	SWITCH MANUAL RESET NC MO 14"L
0010	2	02244	CONDUIT FLEXIBLE 1.25" U.L.	0010	4	03760	COPPER TUBE REF.5"ODX.032WALL
0010	2	02246	CONDUIT CONNECTOR .375" 90 DEG	0010	1	03763	ELBOW .5" TUBE X .5" NPT NO NUT
0010	4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	0010	1	03802	VALVE BALL .75" W/LATCH 200# S
0010	2	02252	CONDUIT CONNECTOR .375" STR UL	0010	0	03818	TICKET HOLDER FOR SHOP CLEAR F
0010	1	02301	VALVE SOLENOID .5" 120V 60 HZ	0010	1	03821	CONNECTOR .5" TUBE X .5" MALE NP
0010	1	02329	PRESSURE GAUGE 2.5" 160# MT23	0010	1	03887	RELAY BASE IDEC 120/240V UL CS
0010	1	02396	WATER GAUGE SET STANDARD SHANK	0010	1	03888	RELAY LATCHING IDEC 120V UL CS
0010	1	02420	GAUGE GLASS 6" X .625" PYREX	0010	1	03889	SWITCH RESET NO MC 8A 125V W/I
0010	1	02462	VALVE CHECK .5" 125# SWP SWING	0010	1	03896	RELAY SOLID STATE CTRL PUMP/L
0010	1	02490	VALVE BALL .5" 200# SWP	0010	2	04163	PRESSURE CONTROL 60# OPERATING

05/4/20/04



0004149

Page: 2

Work Order Traveler

SCHEDULED START: 04/09/04
DUE DATE: 04/13/04ITEM NUMBER: **RXH100K3F**
DESCRIPTION: **BOILER RH 100KW 480V 3PH 100#**
REVISION: 000
OPTION CODE:QUANTITY: **1.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	3	04167	BUSHING .5" X .125" HEX BLACK				
0010	1	04229	DECAL SHEET				
0010	0	04276	TERMINAL STRIP 600V 35 AMP 10-				
0010	1	04296	PRESSURE CONTROL 90# HI LIMIT				
0010	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X				
0010	0	04308	TAPE ALUMINUM FOIL DUCT 50YD R				
0010	10	04439	WIRE #18 TGGT 600V 250C UL/CSA				
0010	1	20062A	WRAPPER R100-120 (NEW)				
0010	1	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1				
0010	1	20343-4	PUMP PLATE RH 24-120 4 X 7				
0010	1	20364-7A	BRACE BOX R100 & 120 NEWSTYLE				
0010	1	20364A	ELECTRICAL BOX 30W 36H 6D (SS)				
0010	1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL				
0010	1	R-120A	SHELL R100-120 (COMPLETE NEW)				

TD