

CRN#

NATBLD# 60978

SERIAL# 62816

MODELRXHC36K3F
WIRE DIAG.....
WIRE SIZE.....10
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE....3
PRESSURE.....
KILOWATTS...36
CAPACITY 125 BPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 19 / 8 2005

VOLTS 480 AMPS 42.2 TOTAL WATTS 36,000

PRESSURE 80 DIFF 5

HEATER VOLTS 480

KW 36

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 ✓

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. 2

ELEMENT VOLT/KW 480V - 36KW

JURISDICTION = VA.

FUEL =ELECTRIC

EAM

HOT WATER

IA. W.P. 100 (NAMEPLATE)
IIN. SAFETY VALVE CAP. 126 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. 100 BY Juf DATE 8/19/05
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 8-19-05 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

NAMEPLATE: O.P. 100 KW 36 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 8-19-05

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



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Page: 1

Work Order Traveler

SCHEDULED START: 08/10/05
DUE DATE: 08/15/05ITEM NUMBER: **RXHC36K3F**
DESCRIPTION: **BOILER RHC 36KW 480V 3PH 100#**
REVISION: 000
OPTION CODE:QUANTITY: **2.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	4	01088	UNION .5" BLACK MALLEABLE IRON	0010	2	02522	GAUGE PROTECTOR 6"
0010	4	01094	ELBOW .5" X 90 DEG. BLACK MALL	0010	4	02530	CONTACTOR 50A 120V 3P UL/CSA
0010	4	01095	ELBOW .75" X 90 DEG. BLACK	0010	4	02613	FUSE BLOCK 600V 30A 3P UL/CSA
0010	2	01097	ELBOW 1.25" X 90 DEG. BLACK	0010	2	02616	BLOCK POWER DISTRIBUTION 3-2/0
0010	2	01101	ELBOW 1" X .5" REDUCING BLACK	0010	2	02637	VALVE SAFETY .5" 100# SWP 1" O
0010	4	01103	TEE .75" BLACK MALLEABLE IRON	0010	10	02786	NIPPLE .5" X CLOSE BLACK EH
0010	10	01104	TEE .5" BLACK MALLEABLE IRON	0010	6	02788	NIPPLE .5" X 2" BLACK EH
0010	2	01121	BUSHING 1" X .5" HEX	0010	2	02789	NIPPLE .5" X 2.5" BLACK EH
0010	2	01128	BUSHING .5X.25 HEX BLACK	0010	2	02791	NIPPLE .5" X 3.5" BLACK EH
0010	8	01133	ELBOW .5X90 DEG. STREET BLACK	0010	4	02796	NIPPLE .5" X 6" BLACK EH
0010	8	01147	PIPE PLUG .5" SQUARE HEAD FRGD	0010	4	02802	NIPPLE .75X4 BLACK EH
0010	10	01160	NIPPLE .25XCLS.BRASS SCH40	0010	2	02807	NIPPLE .75" X 9" BLACK EH ASTM
0010	2	01162	ELBOW .25" BRASS FEMALE	0010	2	02810	NIPPLE 1" CLOSE BLACK EH
0010	16	01168	NUT .625"-11 HEAVY HEX STEEL	0010	2	02818	NIPPLE 1.25X2 BLACK EXHEAVY
0010	4	01180	NIPPLE .75" X CLOSE BLACK EH	0010	2	02820	NIPPLE 1.25X4 BLACK EH
0010	2	01217	NIPPLE 1" X 4" BLACK EH	0010	4	02951	KNOCKOUT SEAL .5" HEYCO
0010	2	02012	VALVE GLOBE .75"125#SWP H.WHL	0010	2	02988	CROSS .5" BLACK MALLEABLE IRON
0010	4	02022	FLANGE GASKET 2" RING	0010	4	02997	ELBOW STREET .25" 90 DEG.
0010	6	02099	SWITCH LOCK RING	0010	2	03021	COUPLING FULL .5" NPT 3000#
0010	2	02100	SWITCH CH SINGLE POLE SINGLE T	0010	2	03089	CARTON 42W 54L 36.75 500# TEST
0010	6	02107	SWITCH PLATE ON-OFF FOR TOGGLE	0010	2	03254	VALVE GAUGE TEST .25"
0010	2	02125	FUSE 250V 15A UL/CSA	0010	5	03760	COPPER TUBE REF.5"ODX.032WALL
0010	12	02134	FUSE 600V 30A UL/CSA	0010	2	03763	ELBOW .5" TUBE X .5" NPT NO NUT
0010	2	02139A	LIGHT 120V RED OMNI GLOW	0010	2	03802	VALVE BALL .75" W/LATCH 200# S
0010	2	02140	FUSE BLOCK 250V 30A 1P UL/CSA	0010	0	03818	TICKET HOLDER FOR SHOP CLEAR F
0010	12	02176	TERMINAL LUG #8 HOMAC UL/CSA	0010	2	03821	CONNECTOR .5" TUBE X .5" MALE NP
0010	4	02188	ELEMENT 480V 18KW 3P SS SHEATH	0010	2	04163	PRESSURE CONTROL 60# OPERATING
0010	2	02207	CEILING PLATE 1.25" PIPE SIZE	0010	4	04167	BUSHING .5" X .125" HEX
0010	4	02209SS	WRAPPER END 20" 20103REV.B 16G	0010	2	04229	DECAL SHEET
0010	7	02240	CONDUIT .375" FLEXIBLE STEEL U	0010	2	04271	BUSHING 1.25" X .75" HEX BLACK
0010	4	02244	CONDUIT FLEXIBLE 1.25" U.L.	0010	1	04276	TERMINAL STRIP 600V 35 AMP 10-
0010	4	02246	CONDUIT CONNECTOR .375" 90 DEG	0010	2	04296	PRESSURE CONTROL 90# HI LIMIT
0010	4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	0010	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
0010	4	02252	CONDUIT CONNECTOR .375" STR UL	0010	0	04308	TAPE ALUMINUM FOIL DUCT 50YD R
0010	2	02329	PRESSURE GAUGE 2.5" 160#MT23	0010	4	04400	SYPHON TUBE .25" BRASS SB43 GR
0010	2	02370	VALVE CHECK .5" 200# SWP	0010	20	04439	WIRE #18 TGGT 600V 250C UL/CSA
0010	2	02396	WATER GAUGE SET STANDARD SHANK	0010	4	04572	NIPPLE .5 X 1.5" BRASS
0010	2	02420	GAUGE GLASS 6"X.625" PYREX	0010	4	04523	TEE .5" BRASS ASTM B62 C836



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Page: 2

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STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	2	04525	CROSS .5" BRASS B62 C836				
0010	2	04526	NIPPLE .5" X 6" BRASS ASTM B43				
0010	4	04528	CABLE TIE MOUNT				
0010	4	04529	STANDOFF HEX 1.5" X .375" FOR				
0010	2	20054A	WRAPPER R24-80 (NEW)				
0010	2	20084B	ELECTRICAL ENCLOSURE 26" X 30"				
0010	2	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5				
0010	2	20350-7A	BRACE ELECTRICAL BOX SS (NEW)				
0010	2	20721	ELECTRONIC BOILER CONTROL (RB)				
0010	2	20739	PUMP ASSEMBLY (RHC 36-80)				
0010	2	20740	COND. TANK ASSY. (RHC 36-120)				
0010	2	20757	ELECTRICAL PNL ASSY R36-120 LE				
0010	2	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL				
0010	2	R-40A	SHELL R-40 (COMPLETE NEW)				
0010	2	SKID2A	SKID BOILER NEW R;RH;RHC 24-70				