

CRN#

NATBLD#

SERIAL#

67174

69086

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRXHC120K3F

WIRE DIAG.....W04-12-20-41-50-60-72-X-90

WIRE SIZE.....8

HZ.....60

VOLTS.....480

CONTROL VOLT....120.

PHASE.....3

PRESSURE.....

GLOW WATTS...120

CAPACITY 417 PPH/BTU/HR

DAY/MONTH 25 / 1 20 10

VOLTS 480 AMPS 147.6 TOTAL WATTS 120,000

PRESSURE 10 DIFF .5

HEATER VOLTS 480

KW 120

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 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. 2

ELEMENT VOLT/KW 480/30

JURISDICTION = VA.

FUEL =ELECTRIC

AM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)

N. SAFETY VALVE CAP. 420 PPH

MAX. W.P. PSIG

MAX. TEMP. DEG F

MIN. SAFETY VALVE CAP PPH OR BTU

(3412 X KW/)

SAFETY VALVE

CAPACITY 484
LB PER HR.OPERATIONAL
TEST ✓

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 15 BY AC DATE 1/25/10

LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

ELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT BY BSB DATE 1/25/10 (IAW U.L. 834)

CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

NAMEPLATE: O.P. 15 KW 120 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 1/25/10

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: 01/12/10
DUE DATE: 01/14/10ITEM NUMBER: **RXHC120K3A**
DESCRIPTION: **BOILER RHC 120KW 480V 3PH 15#**
REVISION: 000
OPTION CODE:QUANTITY: **1.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02618	BLOCK POWER DISTRIBUTION 3/500	1	20861	LABEL MAX. TORQUE 10. LB IN /O
1	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	01128	BUSHING .5X25 HEX BLACK	2	04522	NIPPLE .5 X 1.5" BRASS
1	01121	BUSHING 1" X .5" HEX BLACK	2	02788	NIPPLE .5" X 2" BLACK EH
1	02981	BUSHING 2" X 1.25" HEX BLACK	1	02789	NIPPLE .5" X 2.5" BLACK EH
2	04528	CABLE TIE MOUNT	1	02794	NIPPLE .5" X 5" BLACK EH
1	20740	COND. TANK ASSY. (RHC 36-120)	2	02796	NIPPLE .5" X 6" BLACK EH
2	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	02244	CONDUIT ALFLEX type SWA 1.25"	5	02786	NIPPLE .5" X CLOSE BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	1	02807	NIPPLE .75" X 9" BLACK EH
2	02246	CONDUIT CONNECTOR .375" 90 DEG	2	01180	NIPPLE .75" X CLOSE BLACK EH
2	02252	CONDUIT CONNECTOR .375"STR UL	1	02803	NIPPLE .75X4.5 BLACK EXHEAVY
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	02810	NIPPLE 1" CLOSE BLACK EH
4	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	1	01213	NIPPLE 1" X 2" BLACK EH
4	02530	CONTACTOR 50A 120V 3P UL/CSA	1	01216	NIPPLE 1" X 3.5" BLACK EH
1	03023	COUPLING FULL 1" NPT 3000#	1	01217	NIPPLE 1" X 4" BLACK EH
1	03096	CRATE 48"W X 76"L X 44"H DOMES	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
1	02988	CROSS .5" BLACK MALLEABLE IRON	1	02820	NIPPLE 1.25X4 BLACK EH
1	04525	CROSS .5" BRASS B62 C836	16	01168	NUT .625"-11 HEAVY HEX STEEL
1	04229	DECAL SHEET	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	01162	ELBOW .25" BRASS FEMALE	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	01094	ELBOW .5" X 90 DEG. BLACK MALL	3	04162	PRESSURE CONTROL 14# OPERATING
4	01133	ELBOW .5X90 DEG. STREET BLACK	1	20763	PRESSURE CONTROL MANIFOLD R-24
2	01095	ELBOW .75" X 90 DEG. BLACK	1	02451	PRESSURE GAUGE 2.5" 0-30# ASHC
1	01096	ELBOW 1" X 90 DEG. BLACK MALL	1	02360	PUMP 1/3 HP 120-240V 1P STD FI
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	30229R1A	PUMP PLATE RHC 100-120 12 X 32
2	02997	ELBOW STREET .25" 90 DEG.	16	01342	SCREW .3125-18X.75 HEX PLATED
1	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1	4	01246	SCREW 8-32X.375RHD MCH PLT SL
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	1	R-120A	SHELL R100-120 (COMPLETE NEW)
1	20757	ELECTRICAL PNL ASSY R36-120 LE	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	20721	ELECTRONIC BOILER CONTROL (RB-	1	03361	STRAINER .75" Y 200 SWP
4	02609	ELEMENT 480V 30KW 3P SS SHEATH	4	04213	SWITCH ILLUMINATED RED W/WHITE
4	02022	FLANGE GASKET 2" RING	1	20084B8	SWITCH PANEL FOR ELECTRICAL EN
1	02125	FUSE 250V 15A UL/CSA	2	04400	SYPHON TUBE .25" BRASS SB43 GR
12	02518	FUSE 600V 50A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
4	02614	FUSE BLOCK 600V 60A 3P UL/CSA	5	01104	TEE .5" BLACK MALLEABLE IRON
1	02420	GAUGE GLASS 5.875"X.625" PYREX	2	01103	TEE .75" BLACK MALLEABLE IRON
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	12	02176	TERMINAL LUG #8 HOMAC UL/CSA
1	02522	GAUGE PROTECTOR 6" U-SHAPE	0	04276	TERMINAL STRIP 600V 35 AMP 10-
1	04692	GROUND STRAP #4 BRAIDED	0	03818	TICKET HOLDER FOR SHOP CLEAR F
30	02030	INSULATION 2" X 48" X 100' FIB	2	01088	UNION .5" BLACK MALLEABLE IRON
2	02951	KNOCKOUT SEAL .5"	1	02472	VALVE BALL .25" 200# SWP



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PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02490	VALVE BALL .5" 200# SWP			
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	02462	VALVE CHECK .5" 125# SWP SWING			
1	02370	VALVE CHECK .5" 200# SWP			
1	03254	VALVE GAUGE TEST .25"			
1	02713	VALVE GLOBE 2" 125# SWP			
1	02399	VALVE SAFETY 1" 15# SWP 1.25"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	20062A	WRAPPER R100-120 (NEW)			