

CRN# _____

NATBLD# 67535SERIAL# 69450

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRXHC120K3F
DIAG.....
WIRE SIZE...10
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE...3
PRESSURE.....
KILOWATTS...120
CAPACITY 417 PPH/BTU/HR

DAY/MONTH 8 / 10 20 10VOLTS 480 AMPS 143.2 TOTAL WATTS 120,000PRESSURE 65 DIFF 4HEATER VOLTS 480KW 120PH 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/ACONDENSATE 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 480/30

JURISDICTION = VA.

FUEL =ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 420 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 10/8/10
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ☒ UNSAT _____ BY BSS DATE 10/8/10 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 423
LB PER HR.OPERATIONAL
TEST ☒NAMEPLATE: O.P. 100 KW 120 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 10/8/10Signature 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)

10 f 2

CAPP



0018129

Work Order Traveler

SCHEDULED START: 09/10/10
DUE DATE: 09/16/10ITEM NUMBER: **RXHC120K3F**
DESCRIPTION: **BOILER RHC 120KW 480V 3PH 100#**
REVISION: 001
OPTION CODE:QUANTITY: **2.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02618	BLOCK POWER DISTRIBUTION 3/500	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
2	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	30	01345	LOCKWASHER .3125" SPRING/SPLIT
8	04167	BUSHING .5" X .125" HEX BLACK	4	04522	NIPPLE .5 X 1.5" BRASS
2	01128	BUSHING .5X.25 HEX BLACK	6	02788	NIPPLE .5" X 2" BLACK EH
2	01121	BUSHING 1" X .5" HEX BLACK	2	02789	NIPPLE .5" X 2.5" BLACK EH
4	04528	CABLE TIE MOUNT	2	02791	NIPPLE .5" X 3.5" BLACK EH
2	20740	COND. TANK ASSY. (RHC 36-120)	2	02794	NIPPLE .5" X 5" BLACK EH
3	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	4	02796	NIPPLE .5" X 6" BLACK EH
4	02244	CONDUIT ALFLEX type SWA 1.25"	2	04526	NIPPLE .5" X 6" BRASS SB43 GRO
7	02240	CONDUIT ALFLEX type SWA .375"	10	02786	NIPPLE .5" X CLOSE BLACK EH
4	02246	CONDUIT CONNECTOR .375" 90 DEG	2	02807	NIPPLE .75" X 9" BLACK EH
4	02252	CONDUIT CONNECTOR .375" STR. UL	4	01180	NIPPLE .75" X CLOSE BLACK EH
8	02250	CONDUIT CONNECTOR 1.25" 90 DEG	2	02803	NIPPLE .75X4.5 BLACK EXHEAVY
8	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	2	02810	NIPPLE 1" CLOSE BLACK EH
2	03445	CONTACTOR 35A 120V 2P UL/CSA	2	01217	NIPPLE 1" X 4" BLACK EH
8	02530	CONTACTOR 50A 120V 3P UL/CSA	2	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
2	20838	CONTROLLER 04316-EBC-LED	2	02820	NIPPLE 1.25X4 BLACK EH
4	03021	COUPLING FULL .5" NPT 3000#	42	01221	NUT .3125-18 HEX MACH. SCREW Z
2	03096	CRATE 48"W X 76"L X 44"H DOMES	32	01168	NUT .625"-11 HEAVY HEX STEEL
2	04525	CROSS .5" BRASS B62 CR36	8	01147	PIPE PLUG .5" SQUARE HEAD FRGD
2	04229	DECAL SHEET	2	04776	PIPE PLUG .75" NPT COUNTERSUNK
2	01162	ELBOW .25" BRASS FEMALE	4	04163	PRESSURE CONTROL 60# OPERATING
2	01094	ELBOW .5" X 90 DEG. BLACK MALL	2	04296	PRESSURE CONTROL 90# HI LIMIT
8	01133	ELBOW .5X90 DEG. STREET BLACK	2	20763	PRESSURE CONTROL MANIFOLD R-24
4	01095	ELBOW .75" X 90 DEG. BLACK	2	02329	PRESSURE GAUGE 2.5" 160#MT23
2	01101	ELBOW 1" X .5" REDUCING BLACK	2	20739	PUMP ASSEMBLY (RHC 36-120)
2	01097	ELBOW 1.25" X 90 DEG. BLACK	2	30229R-1A	PUMP PLATE RHC 100-120 12 X 32
2	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1	32	01342	SCREW .3125-18X.75 HEX PLATED
2	20084B	ELECTRICAL ENCLOSURE 26" X 30"	8	01246	SCREW 8-32X.375RDHD MCH PLT SL
2	20757	ELECTRICAL PNL ASSY R36-120 LE	2	R-120A	SHELL R100-120 (COMPLETE NEW)
8	02609	ELEMENT 480V 30KW 3P SS SHEATH	4	04529	STANDOFF HEX 1.5" X .375" FOR
8	02022	FLANGE GASKET 2" RING	8	04213	SWITCH ILLUMINATED RED W/WHITE
2	02125	FUSE 250V 15A UL/CSA	2	20084B-4	SWITCH PANEL FOR ELECTRICAL EN
2	02655	FUSE 250V 5A UL/CSA	4	04400	SYPHON TUBE .25" BRASS SB43 GR
24	02518	FUSE 600V 50A UL/CSA	10	01104	TEE .5" BLACK MALLEABLE IRON
8	02614	FUSE BLOCK 600V 60A 3P UL/CSA	2	04523	TEE .5" BRASS SB62 CR36
2	02420	GAUGE GLASS 5.875"X.625" PYREX	4	01103	TEE .75" BLACK MALLEABLE IRON
2	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	2	04564	TEE REDUCING BRASS .5" X .5" X
2	02522	GAUGE PROTECTOR 6" U-SHAPE	24	02176	TERMINAL LUG #8 HOMAC UL/CSA
2	04692	GROUND STRAP #4 BRAIDED	1	04276	TERMINAL STRIP 600V 35 AMP 10-
59	02030	INSULATION 2" X 48" X 100' FIB	0	03818	TICKET HOLDER FOR SHOP CLEAR F
4	02951	KNOCKOUT SEAL .5"	4	01088	UNION .5" BLACK MALLEABLE IRON
2	20861	LABEL MAX. TORQUE 10. LB IN /0	2	02472	VALVE BALL .25" 200# SWP



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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	03802	VALVE BALL .75" W/LATCH 200# S			
2	03254	VALVE GAUGE TEST .25"			
2	02712	VALVE GLOBE 1.25"125#SWP			
2	02637	VALVE SAFETY .5" 100# SWP 1" O			
2	02396	WATER GAUGE SET STANDARD SHANK			
20	04439	WIRE #18 TGGT 600V 250C UL/CSA			
2	02209SS	WRAPPER END 20" 20103REV.B 16G			
2	20843	WRAPPER END 20" W/2" HOLE			
2	20062A	WRAPPER R100/120 (NEW)			