

CRN#

NATBLD#

SERIAL#

MODELRXH 120K3F
WIRE DIAG.....W
WIRE SIZE.....8/10
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....
KILOWATTS....120
CAPACITY 417 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 17 / 3 2010VOLTS 480 AMPS 144 TOTAL WATTS 120,000PRESSURE 80 DIFF 5HEATER VOLTS 480KW 120PH 3 HZ 60

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

TEAM

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 BSB DATE 3/17/10LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT _____ BY BSB DATE 3/17/10 (IAW U.L. 834)

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

SAFETY VALVE

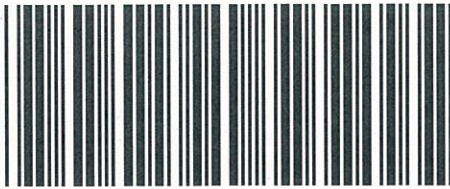
CAPACITY 423
LB PER HR.OPERATIONAL
TEST ✓

APPEARANCE ✓
BLOWDOWN MAN ✓ AUTO N/A
CONDENSATE TANK N/A
CONDENSATE & PIPE, ECT N/A
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. 4
ELEMENT VOLT/KW 480/130
JURISDICTION = VA.
FUEL =ELECTRIC

NAMEPLATE: O.P. 100 KW 120 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 3/17/10Signature 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)

1 of 2



0016779

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Work Order Traveler

SCHEDULED START: 03/02/10

DUE DATE: 03/08/10

QUANTITY: ~~2.00~~ 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: RXH120K3F

DESCRIPTION: BOILER RH 120KW 480V 3PH 100#

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	02618	BLOCK POWER DISTRIBUTION 3/500	8	02788	NIPPLE .5" X 2" BLACK EH
2	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	4	02789	NIPPLE .5" X 2.5" BLACK EH
6	04167	BUSHING .5" X .125" HEX BLACK	2	02790	NIPPLE .5" X 3" BLACK EH
2	01128	BUSHING .5X.25 HEX BLACK	2	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	01124	BUSHING .75" X .5" HEX BLACK M	2	02786	NIPPLE .5" X CLOSE BLACK EH
2	01121	BUSHING 1" X .5" HEX BLACK	2	02807	NIPPLE .75" X 9" BLACK EH
4	04528	CABLE TIE MOUNT	4	01180	NIPPLE .75" X CLOSE BLACK EH
3	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	2	02803	NIPPLE .75X4.5 BLACK EXHEAVY
4	02244	CONDUIT ALFLEX type SWA 1.25"	2	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
7	02240	CONDUIT ALFLEX type SWA .375"	2	02820	NIPPLE 1.25X4 BLACK EH
4	02246	CONDUIT CONNECTOR .375" 90 DEG	32	01168	NUT .625"-11 HEAVY HEX STEEL
8	02250	CONDUIT CONNECTOR 1.25" 90 DEG	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
2	02747	CONDUIT CONNECTOR 90 DEG.375"d	2	04776	PIPE PLUG .75" NPT COUNTERSUNK
8	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	4	04163	PRESSURE CONTROL 60# OPERATING
8	02530	CONTACTOR 50A 120V 3P UL/CSA	2	04296	PRESSURE CONTROL 90# HI LIMIT
8	03760	COPPER TUBE REF.5"ODX.032WALL	2	20763	PRESSURE CONTROL MANIFOLD R-24
2	03021	COUPLING FULL .5" NPT 3000#	2	02329	PRESSURE GAUGE 2.5" 160#MT23
2	02234	CRATE 37"W X 76"L X 40"H DOMES	2	20767	PUMP ASSEMBLY RH 24-120
2	04525	CROSS .5" BRASS B62 C836	2	20343-4	PUMP PLATE RH 24-120 4 X 7
2	04229	DECAL SHEET	8	01246	SCREW 8-32X.375RDHD MCH PLT SL
2	01162	ELBOW .25" BRASS FEMALE	2	R-120A	SHELL R100-120 (COMPLETE NEW)
6	01094	ELBOW .5" X 90 DEG. BLACK MALL	4	04529	STANDOFF HEX 1.5" X .375" FOR
2	01095	ELBOW .75" X 90 DEG. BLACK	8	04213	SWITCH ILLUMINATED RED W/WHITE
2	01097	ELBOW 1.25" X 90 DEG. BLACK	2	20084B8	SWITCH PANEL FOR ELECTRICAL EN
2	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1	4	04400	SYPHON TUBE .25" BRASS SB43 GR
2	20084B	ELECTRICAL ENCLOSURE 26" X 30"	4	01104	TEE .5" BLACK MALLEABLE IRON
2	20757	ELECTRICAL PNL ASSY R36-120 LE	2	04523	TEE .5" BRASS SB62 C836
2	20721	ELECTRONIC BOILER CONTROL (RB-	4	01103	TEE .75" BLACK MALLEABLE IRON
8	02609	ELEMENT 480V 30KW 3P SS SHEATH	2	04564	TEE REDUCING BRASS .5" X .5" X
8	02022	FLANGE GASKET 2" RING	24	02176	TERMINAL LUG #8 HOMAC UL/CSA
2	02125	FUSE 250V 15A UL/CSA	1	04276	TERMINAL STRIP 600V 35 AMP 10-
24	02518	FUSE 600V 50A UL/CSA	0	03818	TICKET HOLDER FOR SHOP CLEAR F
8	02614	FUSE BLOCK 600V 60A 3P UL/CSA	2	01088	UNION .5" BLACK MALLEABLE IRON
2	02420	GAUGE GLASS 5.875"X.625" PYREX	2	03802	VALVE BALL .75" W/LATCH 200# S
2	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	2	03254	VALVE GAUGE TEST .25"
2	02522	GAUGE PROTECTOR 6" U-SHAPE	2	02712	VALVE GLOBE 1.25"125#SWP
2	04692	GROUND STRAP #4 BRAIDED	2	02637	VALVE SAFETY .5" 100# SWP 1" O
59	02030	INSULATION 2" X 48" X 100' FIB	2	02396	WATER GAUGE SET STANDARD SHANK
4	02951	KNOCKOUT SEAL .5"	20	04439	WIRE #18 TGGT 600V 250C UL/CSA
2	20861	LABEL MAX. TORQUE 10. LB IN /0	2	02209SS	WRAPPER END 20" 20103REV.B 16G
2	04301	LABEL NAMEPLATE UL/CSA 3.48 X	2	20843	WRAPPER END 20" W/2" HOLE
4	04522	NIPPLE .5 X 1.5" BRASS	2	20062A	WRAPPER R100-120 (NEW)
4	02787	NIPPLE .5" X 1.5" BLACK EH	2	02711	1 1/2" GLOBE VALVE