

CRN#

NATBLD# 67911

SERIAL# 69829

MODELRXHC80K3H
WIRE DIAG.....W
WIRE SIZE.....10
HZ.....60
VOLTS.....480
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....
KILOWATTS....80
CAPACITY 278 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 12 / 10 200 10
VOLTS 480 AMPS 96.4 TOTAL WATTS 80,000
PRESSURE 10 DIFF .5

HEATER VOLTS 480

KW 80

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. 4
ELEMENT VOLT/KW 480/80
JURISDICTION = VA.
FUEL =ELECTRIC

EAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 280 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. 15 BY OC DATE 10/12/10
LOW WATER CUTOFF HI WATER CUTOFF

SAFETY VALVE

CAPACITY 310
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ☒ UNSAT BY BSS DATE 10/12/10 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

NAMEPLATE: O.P. 15 KW 80 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 10/12/10

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: 09/27/10
DUE DATE: 09/29/10ITEM NUMBER: **RXHC80K3A**
DESCRIPTION: **BOILER RHC 80KW 480V 3PH 15# S**
REVISION: 001
OPTION CODE:QUANTITY: **1.00**
UNIT OF MEASUREMENT: EAMAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02616	BLOCK POWER DISTRIBUTION 3-2/0	1	20861	LABEL MAX. TORQUE 10. LB IN /0
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	01128	BUSHING .5X.25 HEX BLACK	15	01345	LOCKWASHER .3125" SPRING/SPLIT
1	01121	BUSHING 1" X .5" HEX BLACK	2	04522	NIPPLE .5 X 1.5" BRASS
1	01120	BUSHING 1" X .75" HEX BLACK	2	02788	NIPPLE .5" X 2" BLACK EH
2	04528	CABLE TIE MOUNT	2	02789	NIPPLE .5" X 2.5" BLACK EH
1	03089	CARTON 42W 54L 36.75 500# TEST	2	02796	NIPPLE .5" X 6" BLACK EH
1	02207	CEILING PLATE 1.25" PIPE SIZE	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
1	20740	COND. TANK ASSY. (RHC 36-120)	5	02786	NIPPLE .5" X CLOSE BLACK EH
4	02244	CONDUIT ALFLEX type SWA 1.25"	1	02799	NIPPLE .75" X 2" 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	02802	NIPPLE .75X4 BLACK EH
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	01217	NIPPLE 1" X 4" BLACK EH
1	03445	CONTACTOR 35A 120V 2P UL/CSA	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
4	02530	CONTACTOR 50A 120V 3P UL/CSA	1	02820	NIPPLE 1.25X4 BLACK EH
1	20838	CONTROLLER 04316-EBC-LED	21	01221	NUT .3125-18 HEX MACH. SCREW Z
1	03022	COUPLING FULL .75" NPT 3000#	16	01168	NUT .625"-11 HEAVY HEX STEEL
1	02988	CROSS .5" BLACK MALLEABLE IRON	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	04525	CROSS .5" BRASS B62 C836	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	04229	DECAL SHEET	2	04162	PRESSURE CONTROL 14# OPERATING
1	01162	ELBOW .25" BRASS FEMALE	1	20763	PRESSURE CONTROL MANIFOLD R-24
1	01094	ELBOW .5" X 90 DEG. BLACK MALL	1	02451	PRESSURE GAUGE 2.5" 0-30# ASHC
4	01133	ELBOW .5X90 DEG. STREET BLACK	1	20739	PUMP ASSEMBLY (RHC 36-120)
2	01095	ELBOW .75" X 90 DEG. BLACK	1	20432-7A	PUMP PLATE RHC 24-80
1	01101	ELBOW 1"X .5" REDUCING BLACK	16	01342	SCREW .3125-18X.75 HEX PLATED
1	01097	ELBOW 1.25" X 90 DEG. BLACK	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
2	02997	ELBOW STREET .25" 90 DEG.	1	R-80A	SHELL R70-80 (COMPLETE NEW)
1	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5	1	SKID2A	SKID BOILER NEW R;RHC 24-70
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	20757	ELECTRICAL PNL ASSY R36-120 LE	4	04213	SWITCH ILLUMINATED RED W/WHITE
4	02602	ELEMENT 480V 20KW 3P STRAP Y S	1	20084B	SWITCH PANEL FOR ELECTRICAL EN
4	02022	FLANGE GASKET 2" RING	2	04400	SYPHON TUBE .25" BRASS SB43 GR
1	01215	FUSE 250V 15A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
1	02655	FUSE 250V 5A UL/CSA	5	01104	TEE .5" BLACK MALLEABLE IRON
12	02134	FUSE 600V 30A UL/CSA	1	04523	TEE .5" BRASS SB62 C836
4	02613	FUSE BLOCK 600V 30A 3P UL/CSA	2	01103	TEE .75" BLACK MALLEABLE IRON
1	02420	GAUGE GLASS 5.875"X.625" PYREX	1	04564	TEE REDUCING BRASS .5" X .5" X
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-
23	02030	INSULATION 2" X .48" X 100' FIB	0	03818	TICKET HOLDER FOR SHOP CLEAR F
2	02951	KNOCKOUT SEAL .5"	2	01088	UNION .5" BLACK MALLEABLE IRON



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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02490	VALVE BALL .5" 200# SWP			
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	02370	VALVE CHECK .5" 200# SWP			
1	03254	VALVE GAUGE TEST .25"			
1	02712	VALVE GLOBE 1.25"125#SWP			
1	02010	VALVE SAFETY .75" 15# SWP 1" 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	20054A	WRAPPER R24-80 (NEW)			