

CRN# B-9848.650278143 NATBLD# 60939 SERIAL# 62777

OPERATIONAL TEST/ELECTRIC AND STEAM

MODELRXHC45M3F
DIAG.....
WIRE SIZE...10
HZ.....60
VOLTS.....600
CONTROL VOLT....120.
PHASE...3
PRESSURE.....
KILOWATTS...45
CAPACITY 156 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 17 / 11 2005
VOLTS 600 AMPS 43 TOTAL WATTS 45,000
PRESSURE 80 DIFF 5
TEST 480 ✓ 34A

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

HEATER VOLTS 600

KW 45

PH 3 HZ 60

STEAM

HOT WATER

APPEARANCE ✓
BLOWDOWN MAN AUTO
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. 3
ELEMENT VOLT/KW 600V - 45KW
JURISDICTION = VA.
FUEL = ELECTRIC

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 157.5 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 gry DATE 11/17/05
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT _____ BY BSB DATE 11-17-05 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

NAMEPLATE: O.P. 100 KW 45 VOLTS 600 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 11-17-05

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)

✓CSA/CRN RQB 11/17/05



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Page: 1

Work Order Traveler

SCHEDULED START: 11/03/05
DUE DATE: 11/04/05ITEM NUMBER: **RXHC45M3F**DESCRIPTION: **BOILER RHC 45KW 600V 3PH 100#S**

REVISION: 000

OPTION CODE:

QUANTITY: **1.00**

UNIT OF MEASUREMENT: EA

MAKE FOR: I/M

PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	2	01088	UNION .5" BLACK MALLEABLE IRON	0010	1	02396	WATER GAUGE SET STANDARD SHANK
0010	1	01094	ELBOW .5" X 90 DEG. BLACK MALL	0010	3	02411	ELEMENT 600V 15KW 3P SS SHEATH
0010	2	01095	ELBOW .75" X 90 DEG. BLACK	0010	1	02420	GAUGE GLASS 6"X.625" PYREX
0010	1	01097	ELBOW 1.25" X 90 DEG. BLACK	0010	1	02490	VALVE BALL .5" 200# SWP
0010	1	01101	ELBOW 1" X .5" REDUCING BLACK	0010	1	02522	GAUGE PROTECTOR 6"
0010	2	01103	TEE .75" BLACK MALLEABLE IRON	0010	3	02530	CONTACTOR 50A 120V 3P UL/CSA
0010	5	01104	TEE .5" BLACK MALLEABLE IRON	0010	3	02613	FUSE BLOCK 600V 30A 3P UL/CSA
0010	1	01121	BUSHING 1" X .5" HEX	0010	1	02616	BLOCK POWER DISTRIBUTION 3-2/0
0010	1	01128	BUSHING .5X.25 HEX BLACK	0010	1	02637	VALVE SAFETY .5" 100# SWP 1" O
0010	4	01133	ELBOW .5X90 DEG. STREET BLACK	0010	5	02786	NIPPLE .5" X CLOSE BLACK EH
0010	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD	0010	3	02788	NIPPLE .5" X 2" BLACK EH
0010	6	01160	NIPPLE .25XCLS.BRASS SCH40	0010	1	02789	NIPPLE .5" X 2.5" BLACK EH
0010	1	01162	ELBOW .25" BRASS FEMALE	0010	1	02791	NIPPLE .5" X 3.5" BLACK EH
0010	12	01168	NUT .625"-11 HEAVY HEX STEEL	0010	2	02796	NIPPLE .5" X 6" BLACK EH
0010	2	01180	NIPPLE .75" X CLOSE BLACK EH	0010	2	02802	NIPPLE .75X4 BLACK EH
0010	1	01217	NIPPLE 1" X 4" BLACK EH	0010	1	02807	NIPPLE .75" X 9" BLACK EH
0010	1	02012	VALVE GLOBE .75"125#SWP H.WHL	0010	1	02810	NIPPLE 1" CLOSE BLACK EH
0010	3	02022	FLANGE GASKET 2" RING	0010	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
0010	23	02030	INSULATION 2" X 48" X 150' FIB	0010	1	02820	NIPPLE 1.25X4 BLACK EH
0010	3	02099	SWITCH LOCK RING	0010	2	02951	KNOCKOUT SEAL .5" HEYCO
0010	1	02100	SWITCH CH SINGLE POLE SINGLE T	0010	1	02988	CROSS .5" BLACK MALLEABLE IRON
0010	3	02107	SWITCH PLATE ON-OFF FOR TOGGLE	0010	2	02997	ELBOW STREET .25" 90 DEG.
0010	1	02125	FUSE 250V 15A UL/CSA	0010	1	03021	COUPLING FULL .5" NPT 3000#
0010	9	02127	FUSE 250V 60A UL/CSA	0010	1	03089	CARTON 42W 54L 36.75 500# TEST
0010	9	02134	FUSE 600V 30A UL/CSA	0010	1	03254	VALVE GAUGE TEST .25"
0010	1	02139A	LIGHT 120V RED OMNI GLOW	0010	3	03760	COPPER TUBE REF.5"ODX.032WALL
0010	1	02140	FUSE BLOCK 250V 30A 1P UL/CSA	0010	1	03763	ELBOW .5" TUBE X .5" NPT NO NUT
0010	1	02207	CEILING PLATE 1.25" PIPE SIZE	0010	1	03802	VALVE BALL .75" W/LATCH 200# S
0010	2	02209SS	WRAPPER END 20" 20103REV.B 16G	0010	0	03818	TICKET HOLDER FOR SHOP CLEAR F
0010	4	02240	CONDUIT .375" FLEXIBLE STEEL U	0010	1	03821	CONNECTOR .5" TUBE X .5" MALE NP
0010	2	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	0010	1	04163	PRESSURE CONTROL 60# OPERATING
0010	2	02244	CONDUIT FLEXIBLE 1.25" U.L.	0010	2	04167	BUSHING .5" X .125" HEX
0010	2	02246	CONDUIT CONNECTOR .375" 90 DEG	0010	1	04229	DECAL SHEET
0010	2	02249	CONDUIT CONNECTOR 1" X 90 DEG.	0010	1	04271	BUSHING 1.25" X .75" HEX BLACK
0010	2	02250	CONDUIT CONNECTOR 1.25" 90 DEG	0010	0	04276	TERMINAL STRIP 600V 35 AMP 10-
0010	2	02252	CONDUIT CONNECTOR .375" STR UL	0010	1	04296	PRESSURE CONTROL 90# HI LIMIT
0010	1	02329	PRESSURE GAUGE 2.5" 160#MT23	0010	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
0010	1	02370	VALVE CHECK .5" 200# SWP	0010	0	04308	TAPE ALUMINUM FOIL DUCT 50YD R



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Page: 2

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REVISION: 000

OPTION CODE:

QUANTITY: **1.00**

UNIT OF MEASUREMENT: EA

MAKE FOR: I/M

PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	2	04400	SYPHON TUBE .25" BRASS SB43 GR				
0010	10	04439	WIRE #18 TGGT 600V 250C UL/CSA				
0010	2	04522	NIPPLE .5 X 1.5" BRASS				
0010	2	04523	TEE .5" BRASS ASTM B62 C836				
0010	1	04525	CROSS .5" BRASS B62 C836				
0010	1	04526	NIPPLE .5" X 6" BRASS ASTM B43				
0010	2	04528	CABLE TIE MOUNT				
0010	2	04529	STANDOFF HEX 1.5" X .375" FOR				
0010	1	20054A	WRAPPER R24-80 (NEW)				
0010	1	20084B	ELECTRICAL ENCLOSURE 26" X 30"				
0010	1	20292-14A	ELECTRIC BOX SUPPORT 33" X 1.5				
0010	1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)				
0010	1	20721	ELECTRONIC BOILER CONTROL (RB)				
0010	1	20739	PUMP ASSEMBLY (RHC 36-80)				
0010	1	20740	COND. TANK ASSY. (RHC 36-120)				
0010	1	20757	ELECTRICAL PNL ASSY R36-120 LE				
0010	1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL				
0010	1	R-60A	SHELL R45-60 (COMPLETE NEW)				
0010	1	SKID2A	SKID BOILER NEW R;RHC 24-70				