

CRN# _____ NATBLD# 60934 SERIAL# 62772

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELSRH20C3F
DIAG.....
WIRE SIZE.....12
HZ.....60
VOLTS.....208
CONTROL VOLT....120.
PHASE...3
PRESSURE.....
KILOWATTS...20
CAPACITY 69 PPH/BTU/HR

DAY/MONTH 30 / 9 2004
VOLTS 208 AMPS 55 TOTAL WATTS 20kW
PRESSURE 80 DIFF 5

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

HEATER VOLTS 208

KW 20

PH 3 HZ 60

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. 1

ELEMENT VOLT/KW 208V - 20kW

JURISDICTION = VA. ✓

FUEL =ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 70 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. 150 BY BB DATE 9/30/04
LOW WATER CUTOFF ✓ HI WATER CUTOFF ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 1500 SAT ✓ UNSAT _____ BY BB DATE 9/30/04 (IAW U.L. 834)

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

SAFETY VALVE

CAPACITY 646
LB PER HR.

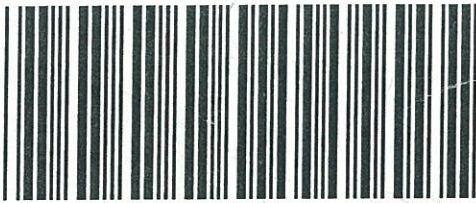
OPERATIONAL
TEST _____

NAMEPLATE: O.P. 100 KW 20 VOLTS 208 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) G Burke DATE 9/30/04

Signature G Burke

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)



0004924

Work Order Traveler

SCHEDULED START: 09/02/04

DUE DATE: 09/03/04

ITEM NUMBER: **SRH20C3F**QUANTITY: **1.00**DESCRIPTION: **BOILER RH 20KW 208V 3PH 100# S**

UNIT OF MEASUREMENT: EACH

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

FLOAT 3/4" BETWEEN NUTS

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	1	02022	FLANGE GASKET 2" RING	0010	1	03723	ELBOW .5"X.375" REDUCING ASTM
0010	1	02100	SWITCH CH SINGLE POLE SINGLE T	0010	1	03724	UNION .375 FORGED 150# 316 STA
0010	1	02125	FUSE 250V 15A UL/CSA	0010	2	03725	NIPPLE .375" X 3" ASTM A312-00
0010	1	02139A	LIGHT 120V RED OMNI GLOW	0010	1	03726	NIPPLE .5" X 3.5" ASTM A312-00
0010	1	02140	FUSE BLOCK 250V 30A 1P UL/CSA	0010	1	03727	NIPPLE .5" X 6" ASTM A312-006
0010	1	02539	CONTACTOR 75A 120V 3P UL/CSA	0010	1	03728	NIPPLE .75" X 3.5" ASTM A312-0
0010	1	02693	SWITCH RESET NO MC	0010	1	03729	NIPPLE .75" X 4.5" ASTM A312-0
0010	1	03088	CARTON 35.5"WX48"LX31"H TYPE R	0010	2	03730	PIPE PLUG .75" SQ.HEAD FORGED
0010	3	03349	FUSE 600V 80A CLASS J UL/CSA	0010	3	03732	TUBING .5"X.035WALLX20' SA213
0010	1	03382	RELAY SOLIDSTATE CTRL PUMP/FEE	0010	1	03739	PRESSURE GAUGE 2" 160# 316 SS
0010	1	03551	SWITCH MANUAL RESET NC MO 14"1	0010	1	03765	VALVE GLOBE .5" 125#SWP ASTM A
0010	1	03571	VALVE SAFETY SS.5" 100#SWP 3/4	0010	1	03770	FUSE BLOCK 600V 100A 3P (FOR J
0010	1	03573	GAUGE SET 316SS W/VITON D31590	0010	0	03818	TICKET HOLDER FOR SHOP CLEAR F
0010	1	03574	VALVE BALL .75" ASTM A351-00 C	0010	1	03834	NIPPLE.25" X CLOSE ASTM A312-0
0010	1	03575	VALVE CHECK .5" BALL CONE SS	0010	1	04163	PRESSURE CONTROL 60# OPERATING
0010	1	03576	VALVE BALL .5" ASTM A351-00 CF	0010	3	04274	TAPE TEFLON .5" X 260" FOR SS
0010	1	03580	VALVE 3-WAY .25" FEMALE NPT	0010	1	04296	PRESSURE CONTROL 90# HI LIMIT
0010	5	03581	ELBOW .5" 90DEG. ASTM A351-00	0010	1	04424	SW LL SS DBL SDJ 8.875" AR R20
0010	1	03582	ELBOW .75" 90DEG. ASTM A351-00	0010	1	20339-A	ELECTRICAL BOX FOR R-20 STERIL
0010	2	03584	UNION .5" FORGED SA182 T316 1	0010	1	20339-B	SEPERATION PANEL R-20 20GA. S
0010	3	03585	TEE .5" ASTM A351-00 CF8M TP31	0010	1	20339-C	SWITCH BRACKET R-20 16GA STAI
0010	3	03586	TEE .75" ASTM A351-00 TP316L 1	0010	1	20339-D	ELECTRICAL BOX FRONT PANEL FOR
0010	1	03587	BUSHING .5"X.25" FORGED ASTM A	0010	1	20339-E	COVER ASME PLATE NEW R-20
0010	1	03588	BUSHING .75"X.5" T316 FORGED	0010	1	20339-G	MOUNTING PLATE FUSE BLOCK NEW
0010	1	03590	BUSHING 1"X.75" FORGED SA182 T	0010	1	20339-H	BASE R & RH BOILER 8 THRU 20
0010	1	03591	COUPLING .5" FORGED SA182 T316	0010	1	20339-SS	WRAPPER STAINLESS STEEL FOR ST
0010	1	03592	PIPF PLUG .5" SQ. HEAD FORGED	0010	1	MBS-10	PRESSURE GAUGE TUBING (STAINLE
0010	7	03593	NIPPLE .5" CLOSE ASTM A312-006	0010	1	SKID7	SKID BOILER RHS 12-20
0010	4	03594	NIPPLE .5"X1.5" ASTM A312-006	0010	1	SRS-20	SHELL SRS WELDED COMPLETE STAI
0010	2	03595	NIPPLE .5"X2" ASTM A312-006 TP				
0010	1	03597	NIPPLE .5"X3" ASTM A312-006 TP				
0010	2	03601	NIPPLE .75" CLOSE ASTM A312-00				
0010	1	03609	VALVE SOLENOID .5"120V SS WA				
0010	1	03617	ELEMENT 208V 20KW 3PH ALL 316				
0010	1	03669	STRAINER .5" "Y"				
0010	1	03672	PIPE PLUG .25" SQ.HEAD FORGED				
0010	23	03680	INSULATION 2"X48"X75FT. (FOR S				
0010	1	03693	PUMP 120V 1PH 8000-812-280				