

CRN# _____

NATBLD# 67633 SERIAL# 69549

MODELRBH20G3F
WIRE DIAG.....WRBH20G3F
WIRE SIZE.....12
HZ.....50
VOLTS.....380
CONTROL VOLT....220.
PHASE....3
PRESSURE.....80
KILOWATTS...20
CAPACITY 69 BPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 29 / 6 200 2010
VOLTS 380 AMPS 20.2 TOTAL WATTS 20
PRESSURE 80 DIFF 5

Tested on 240v/3ph/20 Amps

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

HEATER VOLTS 380KW 20PH 3 HZ 50

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. _____

ELEMENT VOLT/KW _____

JURISDICTION = VA.

FUEL =ELECTRIC

STEAM

MAX. W.P. _____ (NAMEPLATE)
MIN. SAFETY VALVE CAP. 423 PPH

HOT WATER

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 RJB DATE 6/29/10
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2402 SAT ✓ UNSAT _____ BY RJB DATE 6/29/10 (IAW U.L. 834)

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

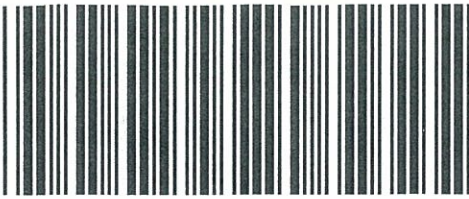
NAMEPLATE: O.P. 100 KW 20 VOLTS 380 PH 3 HZ 50

Representing Reimers Electra Steam, INC. BY (Print) ROGER L. BURKHART DATE 6/29/10

Signature Roger L. Burkhardt

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

2 of 2



Work Order Traveler

SCHEDULED START: 06/18/10

DUE DATE: 06/22/10

QUANTITY: 2.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: RBH20G3F

DESCRIPTION: BOILER RBH 20KW 380V 3 PH 100#

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
2	20654	BRACKET SOLENOID VALVE	2	20775-8	PUMP BASE SOL VAL. RB REV3 ASS
2	04462	BUSHING .375 X .25 BRASS SB16	2	04593	SCREW .25-20 X .75 HEX CAP PLA
2	04701	CARTON RB 30W 35L 28.75H SLOT	2	04760	SCREW 1/4"-20 X .75" PAN HEAD
1	02240	CONDUIT ALFLEX type SWA .375"	4	04447	SCREW 10-24 X .375 RND HEAD SL
2	03844	CONDUIT CONNECTOR .375" DUPLEX	16	01291	SCREW 8-32X.25RNDHD SLT MCH ZI
2	02252	CONDUIT CONNECTOR .375"STR UL	20	01246	SCREW 8-32X.375RDHD MCH PLT SL
4	02266	CONDUIT SLEEVE .375" REDEYE	8	01579	SCREW 8-32X1RND SLT PLATED STL
2	02530	CONTACTOR 50A 120V 3R-UL/CSA	2	03262	STRAINER .375" Y
2	20838	CONTROLLER 04316-EBC-LED	2	04731	STUD PRESS-IN THREADED .25"-20
2	03760	COPPER TUBE REF.5"ODX.032WALL	2	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
2	04781	COUPLING .5" BRASS B16.15 125	2	02176	TERMINAL LUG #8 HOMAC UL/CSA
2	20775-11	COVER ELEMENT TERMINALS RB REV	12	04080	TERMINAL RING FOR # 8 AWG WIR
2	20775-7	COVER RIGHT ELEC BOX RB REV3	6	04183	TERMINAL RING #12-10 WIRE #8 S
2	04229	DECAL SHEET	2	02475	TRANSFORMER .25KVA B WALL MT48
2	04813	DINCONNECTOR/CORD FOR RB BOILE	2	03346	VALVE BALL .5" W/LATCH 200 SWP
2	03923	ELBOW .5" TUBE X .375" NPT	2	02325	VALVE GLOBE .375"125#SWP H.WHE
2	04264	ELBOW CONNECTOR .5" TUBE X .37	2	02637	VALVE SAFETY .5" 100# SWP 1" O
2	04265	ELBOW STREET .375 NPT POLYPROP	2	04761	VALVE SOLENOID .375" 120V WATE
-4	04164	ELEMENT 208V 10KW 3PH B-DIM.=1	8	03720	WASHER FOR PUMP RUBBER BUMPERS
2	04165	ELEMENT 240V 10KW 3PH B-DIM.=1	20	04278	WIRE #10 TEFLON INS. W/GLASS S
2	04253	ELEMENT 240V 15KW 3PH B-DIM=18	5	03258	WIRE #14 STRND TEW 600 BLACK
4	04574	FUSE 250V 3 AMP UL/CSA	1	02963	WIRE #14 TEW STRD 105C 600 GRE
-2	02655	FUSE 250V 5A UL/CSA	8	02744	WIRE NUT IDEAL UL/CSA
2	02140	FUSE BLOCK 250V 30A 1P UL/CSA	3	04186	WIRE STRD #18 TEW (16/30) BLAC
2	04569	GAUGE GLASS .625" X 4.125" PYR	3	04187	WIRE STRD #18 TEW (16/30) WHIT
4	04768	GAUGE ROD .1875" X 7"			
2	20862	LABEL MAX. TORQUE 40. LB IN /0			
2	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
2	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
4	03077	LOCKWASHER .25" HEAVY STEEL HE			
4	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
2	20840	MANIFOLD FEED WATER SUBASSY RB			
2	04668	NIPPLE .25" X 1.125" BRASS SCH			
4	03948	NIPPLE .375 X CLOSE BRASS SCH4			
2	04784	NIPPLE .375" X 4" BRASS ASTM B			
2	04787	NUT .25-20 ZINC PLATED			
4	01351	NUT .25-20HEX JAM PLATE			
2	ORF-20	ORIFICE DRILLED #10 (.193) RB			
2	04163	PRESSURE CONTROL 60# OPERATING			
2	04296	PRESSURE CONTROL 90# HI LIMIT			
2	20842	PRESSURE CONTROL MANIFOLD RB R			
2	04661	PRESSURE GAUGE 2.0" .25" 0-160			
2	04178	PUMP 120V 1PH W/CORD POSITIVE			
2	20775-9	PUMP BASE MOUNTING BRACKET			