

CRN#

NATBLD#

SERIAL#

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 8 / 12 20010VOLTS 380 AMPS 20.4 TOTAL WATTS 20KPRESSURE 80 DIFF 5HEATER VOLTS 380KW 20PH 3 HZ 50

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. 2
ELEMENT VOLT/KW 380-20
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/)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY OC DATE 12/8/10
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2100 SAT ☒ UNSAT _____ BY OC DATE 12/8/10 (IAW U.L. 834)

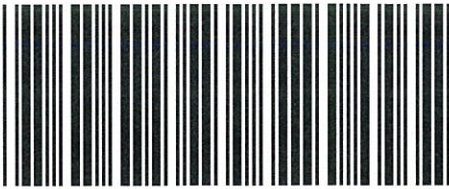
(CORRECTED/RETEST) _____ BY _____ DATE _____ CORRECTIVE ACTION _____

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

Representing Reimers Electra Steam, INC. BY (Print) David E. Collier DATE 12/8/10

Signature David E. Collier

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



0018759

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Work Order Traveler

SCHEDULED START: 12/02/10

DUE DATE: 12/03/10

ITEM NUMBER: RBH20G3F

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

REVISION: 003

OPTION CODE:

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20654	BRACKET SOLENOID VALVE	1	20775-8	PUMP BASE SOL VAL. RB REV3 ASS
1	04462	BUSHING .375 X .25 BRASS SB16	1	04593	SCREW .25-20 X .75 HEX CAP PLA
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	04760	SCREW 1/4"-20 X .75" PAN HEAD
1	02240	CONDUIT ALFLEX type SWA .375"	2	04447	SCREW 10-24 X .375 RND HEAD SL
1	03844	CONDUIT CONNECTOR .375" DUPLEX	8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI
1	02252	CONDUIT CONNECTOR .375"STR UL	10	01246	SCREW 8-32X.375RDHD MCH PLT SL
2	02266	CONDUIT SLEEVE .375" REDEYE	4	01579	SCREW 8-32X1RND SLT PLATED STL
1	02530	CONTACTOR 50A 120V 3P UL/CSA	1	04700-HT	SKID 30" X 35.5" -HT RB rev3 H
1	20838	CONTROLLER 04316-EBC-LED	-1	04700	SKID 30" X 35.5" RB rev3
1	03760	COPPER TUBE REF.5"ODX.032WALL	1	03262	STRAINER .375" Y
1	04781	COUPLING .5" BRASS B16.15 125	1	04731	STUD PRESS-IN THREADED .25"-20
1	20775-11	COVER ELEMENT TERMINALS RB REV	1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
1	20775-7	COVER RIGHT ELEC BOX RB REV3	1	02176	TERMINAL LUG #8 HOMAC UL/CSA
1	04229	DECAL SHEET	6	04080	TERMINAL RING FOR # 8 AWG WIR
1	04813	DINCONNECTOR/CORD FOR RB BOILE	3	04183	TERMINAL RING #12-10 WIRE #8 S
1	03923	ELBOW .5" TUBE X .375" NPT	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	04264	ELBOW CONNECTOR .5" TUBE X .37	1	02475	TRANSFORMER .25KVA B WALL MT48
1	04265	ELBOW STREET .375 NPT POLYPROP	1	03346	VALVE BALL .5" W/LATCH 200 SWP
-2	04164	ELEMENT 208V 10KW 3PH B-DIM.=1	1	02325	VALVE GLOBE .375"125#SWP H.WHE
1	04165	ELEMENT 240V 10KW 3PH B-DIM.=1	1	02637	VALVE SAFETY .5" 100# SWP 1" O
1	04253	ELEMENT 240V 15KW 3PH B-DIM=18	1	04761	VALVE SOLENOID .375" 120V WATE
2	04574	FUSE 250V 3 AMP UL/CSA	4	03720	WASHER FOR PUMP RUBBER BUMPERS
-1	02655	FUSE 250V 5A UL/CSA	10	04278	WIRE #10 TEFLON INS. W/GLASS S
1	04569	GAUGE GLASS .625" X 4.125" PYR	3	03258	WIRE #14 STRND TEW 600 BLACK
2	04768	GAUGE ROD .1875" X 7"	0	02963	WIRE #14 TEW STRD 105C 600 GRE
1	20862	LABEL MAX. TORQUE 40. LB IN /0	4	02744	WIRE NUT IDEAL UL/CSA
1	20860	LABEL MAX. TORQUE 7.0 LB IN /0	1	04186	WIRE STRD #18 TEW (16/30) BLAC
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X	1	04187	WIRE STRD #18 TEW (16/30) WHIT
2	03077	LOCKWASHER .25" HEAVY STEEL HE			
2	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
1	20840	MANIFOLD FEED WATER SUBASSY RB			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
2	03948	NIPPLE .375 X CLOSE BRASS SCH4			
1	04784	NIPPLE .375" X 4" BRASS ASTM B			
1	04787	NUT .25-20 ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
1	ORF-20	ORIFICE DRILLED #10 (.193) RB			
1	04163	PRESSURE CONTROL 60# OPERATING			
1	04296	PRESSURE CONTROL 90# HI LIMIT			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	04178	PUMP 120V 1PH W/CORD POSITIVE			
1	20775-9	PUMP BASE MOUNTING BRACKET			