

CRN#

NATBLD#

SERIAL#

68172

70091

OPERATIONAL TEST/ELECTRIC AND STEAM

MODELRBH30J3F
WIRE DIAG.....
WIRE SIZE...12
HZ.....50
VOLTS.....415
CONTROL VOLT....220
PHASE...3
PRESSURE.....
KILOWATTS...30
CAPACITY 104 PPH/BTU/HR

UL FILE # E39545

DAY/MONTH 10/3 2011VOLTS 415 AMPS 23.6 TOTAL WATTS 30KPRESSURE 40 DIFF 5

Amps TESTED ON 240V
Reimers Electra Steam, 4407 Matrinsburg, Pike

Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 415KW 30PH 3 HZ 50APPEARANCE ☒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. 2ELEMENT VOLT/KW 240/15

JURISDICTION = VA.

FUEL = ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 105 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 3/16/11
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2200 SAT ☒ UNSAT ☐ BY OC DATE 3/16/11 (IAW U.L. 834)

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

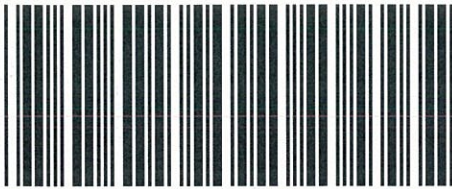
SAFETY VALVE

CAPACITY 403
LB PER HR.

OPERATIONAL
TEST ☒NAMEPLATE: O.P. 100 KW 30 VOLTS 415 PH 3 HZ 50Representing Reimers Electra Steam, INC. BY (Print) David E. Coffin DATE 3/16/11Signature David E. Coffin

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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0019338

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Work Order Traveler

SCHEDULED START: 03/03/11

DUE DATE: 03/10/11

QUANTITY: ~~4.00~~ 1.00

UNIT OF MEASUREMENT: EACH

ITEM NUMBER: **RBH30J3F**DESCRIPTION: **BOILER RBH 30KW 415V 3PH 100#**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	20654	BRACKET SOLENOID VALVE	4	04760	SCREW 1/4"-20 X .75" PAN HEAD
4	04462	BUSHING .375 X .25 BRASS SB16	8	04447	SCREW 10-24 X .375 RND HEAD SL
4	04701	CARTON RB 30W 35L 28.75H SLOT	32	01291	SCREW 8-32X.25RNDHD SLT MCH ZI
2	02240	CONDUIT ALFLEX type SWA .375"	40	01246	SCREW 8-32X.375RDHD MCH PLT SL
4	03844	CONDUIT CONNECTOR .375" DUPLEX	16	01579	SCREW 8-32X1RND SLT PLATED STL
4	02252	CONDUIT CONNECTOR .375"STR UL	4	04700-HT	SKID 30" X 35.5" -HT RB rev3 H
8	02266	CONDUIT SLEEVE .375" REDEYE	-4	04700	SKID 30" X 35.5" RB rev3
4	02530	CONTACTOR 50A 120V 3P UL/CSA	4	03262	STRAINER .375" Y
4	20838	CONTROLLER 04316-EBC-LED	4	04731	STUD PRESS-IN THREADED .25"-20
4	03760	COPPER TUBE REF.5"ODX.032WALL	4	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
4	04781	COUPLING .5" BRASS B16.15 125	4	02176	TERMINAL LUG #8 HOMAC UL/CSA
4	20775-11	COVER ELEMENT TERMINALS RB REV	24	04080	TERMINAL RING FOR # 8 AWG WIR
4	20775-7	COVER RIGHT ELEC BOX RB REV3	24	04183	TERMINAL RING #12-10 WIRE #8 S
4	04229	DECAL SHEET	4	03818	TICKET HOLDER FOR SHOP CLEAR F
4	04813	DINCONNECTOR/CORD FOR RB BOILE	4	02475	TRANSFORMER .25KVA B WALL MT48
4	03923	ELBOW .5" TUBE X .375" NPT	4	03346	VALVE BALL .5" W/LATCH 200 SWP
4	04264	ELBOW CONNECTOR .5" TUBE X .37	4	02325	VALVE GLOBE .375"125#SWP H.WHE
4	04265	ELBOW STREET .375 NPT POLYPROP	4	02637	VALVE SAFETY .5" 100# SWP 1" O
-8	04164	ELEMENT 208V 10KW 3PH B-DIM.=1	4	04761	VALVE SOLENOID .375" 120V WATE
8	04253	ELEMENT 240V 15KW 3PH B-DIM=18	16	03720	WASHER FOR PUMP RUBBER BUMPERS
8	04574	FUSE 250V 3 AMP UL/CSA	72	04278	WIRE #10 TEFLON INS. W/GLASS S
-4	02655	FUSE 250V 5A UL/CSA	10	03258	WIRE #14 STRND TEW 600 BLACK
8	04768	GAUGE ROD .1875" X 7"	1	02963	WIRE #14 TEW STRD 105C 600 GRE
4	20862	LABEL MAX. TORQUE 40. LB IN /0	16	02744	WIRE NUT IDEAL UL/CSA
4	20860	LABEL MAX. TORQUE 7.0 LB IN /0	5	04186	WIRE STRD #18 TEW (16/30) BLAC
4	04301	LABEL NAMEPLATE UL/CSA 3.48 X	5	04187	WIRE STRD #18 TEW (16/30) WHIT
8	03077	LOCKWASHER .25" HEAVY STEEL HE			
8	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
4	20840	MANIFOLD FEED WATER SUBASSY RB			
4	04668	NIPPLE .25" X 1.125" BRASS SCH			
8	03948	NIPPLE .375 X CLOSE BRASS SCH4			
4	04784	NIPPLE .375" X 4" BRASS ASTM B			
4	04787	NUT .25-20 ZINC PLATED			
8	01351	NUT .25-20HEX JAM PLATE			
4	ORF-30	ORIFICE DRILLED #B (.236) FOR			
4	04163	PRESSURE CONTROL 60# OPERATING			
4	04296	PRESSURE CONTROL 90# HI LIMIT			
4	20842	PRESSURE CONTROL MANIFOLD RB R			
4	04661	PRESSURE GAUGE 2.0" .25" 0-160			
4	04178	PUMP 120V 1PH W/CORD POSITIVE			
4	20775-9	PUMP BASE MOUNTING BRACKET			
4	20775-8	PUMP BASE SOL VAL. RB REV3 ASS			
4	04593	SCREW .25-20 X .75 HEX CAP PLA			

OPT1025

OPT1009-380-RBH

OC 3/16/11
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