

CRN#

NATBLD#

SERIAL#

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

MODELRBH45K3F
DIAG.....
WIRE SIZE...10
HZ.....60
VOLTS.....480
CONTROL VOLT....120
PHASE...3
PRESSURE....80
KILOWATTS...45
CAPACITY 156 PPH/BTU/HR

DAY/MONTH 30 / 8 2010
VOLTS 480 AMPS 27.5 TOTAL WATTS 45
PRESSURE 80 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 480KW 45PH 3 HZ 60APPEARANCE ☒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. 3ELEMENT VOLT/KW 480 15

JURISDICTION = VA.

FUEL = ELECTRIC

STEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 157 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 8/30/10
LOW WATER CUTOFF _____ HI WATER CUTOFF _____

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2350 SAT ☒ UNSAT _____ BY OC DATE 8/30/10 (IAW U.L. 834)
(CORRECTED/RETEST) _____ BY _____ DATE _____ CORRECTIVE ACTION _____

SAFETY VALVE

CAPACITY 423
LB PER HR.

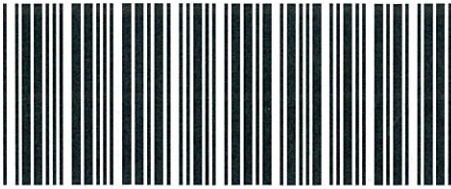
OPERATIONAL
TEST ☒

NAMEPLATE: O.P. 100 KW 45 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY (Print) David E. Collier DATE 8/30/10

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)



0017924

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Work Order Traveler

SCHEDULED START: 08/17/10

DUE DATE: 08/18/10

QUANTITY: 1.00

UNIT OF MEASUREMENT: EACH

ITEM NUMBER: **RBH45K3F**DESCRIPTION: **BOILER RBH 45KW 480V 3PH 100#**

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	20654	BRACKET SOLENOID VALVE			
1	04462	BUSHING .375 X .25 BRASS SB16			
1	04783	BUSHING .75" X .5" BRASS B16.1			
1	04701	CARTON RB 30W 35L 28.75H SLOT			
1	02539	CONTACTOR 75A 120V 3P UL/CSA			
1	20838	CONTROLLER 04316-EBC-LED			
1	03760	COPPER TUBE REF.5"ODX.032WALL			
1	04781	COUPLING .5" BRASS B16.15 125			
1	04229	DECAL SHEET			
1	03923	ELBOW .5" TUBE X .375" NPT			
1	04264	ELBOW CONNECTOR .5" TUBE X .37			
1	04265	ELBOW STREET .375 NPT POLYPROP			
1	20867	ELECTRICAL BOX SUBASSY RB-45			
3	04166	ELEMENT 480V 10KW 3P BDIM=18 Y			
1	20856-7	ELEMENT COVER RB-45			
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
2	03077	LOCKWASHER .25" HEAVY STEEL HE			
2	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
1	03949	NIPPLE .5 X CLOSE BRASS SCH 40			
1	04787	NUT .25-20 ZINC PLATED			
2	01351	NUT .25-20HEX JAM PLATE			
1	04163	PRESSURE CONTROL 60# OPERATING			
1	04296	PRESSURE CONTROL 90# HI LIMIT			
1	20856-6	PRESSURE CONTROL ENCLOSURE			
1	20869	PRESSURE CONTROL MANIFOLD RB-4			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	04178	PUMP 120V 1PH W/CORD POSITIVE			
1	20775-9	PUMP BASE MOUNTING BRACKET			
1	20775-8	PUMP BASE SOL VAL. RB REV3 ASS			
1	04593	SCREW .25-20 X .75 HEX CAP PLA			
2	04447	SCREW 10-24 X .375 RND HEAD SL			
8	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
4	01579	SCREW 8-32X1RND SLT PLATED STL			
1	03262	STRAINER .375" Y			
1	04731	STUD PRESS-IN THREADED .25"-20			
1	RB45-SUBAS	SUBASSEMBLY RB 45 BOILER			
1	03346	VALVE BALL .5" W/LATCH 200 SWP			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
1	04761	VALVE SOLENOID .375" 120V WATE			
4	03720	WASHER FOR PUMP RUBBER BUMPERS			

→ MINUS These

ADD ③ - 04666 480V 15 KW.

70

QC 8/20/10
QC 8/30/10

QC 8/30/10