

SUPERIOR

BOILER WORKS, Inc.

SPEC SHEET - STEAM PAGE 1 OF 3
 S.O. NO. 7090369 NAT. BOARD NO. 16199
 DATE RECEIVED: _____ SHIP WEEK OF 3-31-07
 STATUS: WA&R RELEASED DATE _____
 JOB: BUNGE-ERGON VICKSBURG LLC
 LOCATION: VICKSBURG, MS
 SOLD TO: CAMPBELL-SEVEY
15350 MINNETONKA BLVD.
MINNETONKA, MN 55345

FINAL

SUBMITTALS REQ'D: 1 ELECT. PROPOSAL 7A90369
 R&D SHEET W.D. SUBMITTAL NO. 6751
 BURNER GAS PIPING OIL PIPING
 DATE REQ'D: _____ MANUALS REQ'D: 1 ELECT.
 SPARE PARTS LIST INCLUDED IN OPERATION MANUALS.

MODEL 8-X-11000-S150-GPCF-G
 NOMINAL HP 2200 OUTPUT _____ MBH
 SECTION I

DESIGN PRESSURE 150 PSI STEAM
 OPERATING PRESSURE 75 PSI STEAM

NAMEPLATE: SUPERIOR PAINT BLUE
 STACK DAMPER: W/LOCKING QUAD W/BEARINGS
 STACK THERMOMETER _____ N/S _____

DIAL _____ STEM _____ RANGE _____ °F

BOILER J-BOX 12 x 12 x 4 RS LS

GAUGE GLASS TRI-COCKS CHAIN OPERATED

PRIMARY L.W.C.O. RS LS TOP

MODEL MM157S

WATER COLUMN BLOWDOWN VALVE(S);

2 DSI FIG. NO. 4121 SIZE 1"

AUX. L.W.C.O.: RS LS TOP

MODEL WARRICK 26MB1AOF/3E1B

HIGH WATER RS LS TOP

CUTOFF ALARM

MODEL WARRICK 1G1DO/3E1B

PSI

OPERATOR W/ BURNER RANGE _____

LIMIT L4079B 1041 RANGE 10-150

FIRING RATE W/ OPERATOR RANGE _____

LOW FIRE HOLD PB10A/KJ11A1 RANGE _____

STEAM GAUGE W/GAUGE/TEST COCK

ASHCROFT FIG. NO. 1220A

DIAL 8-1/2" RANGE 0-200 PSI W/SYPHON

AIR VENT VALVE: DSI 4121 SIZE 2"

TURBULATORS: N/S TYPE _____

SAFETY VALVE(S): KUNKLE

6252KQP SIZE 6" FLG x 8" FLG SET @ 100 PSIG

6252KPM SIZE 4" FLG x 6" FLG SET @ 100 PSIG

FEEDWATER VALVE(S): RS LS

GATE: NEWCO FIG. NO. 13FCB2 SIZE 3"

CHECK: NEWCO FIG. NO. 33FCB2 SIZE 3"

FEEDWATER CONTROL: ON-OFF _____ ELECT. MOD. _____

PNEUMATIC MOD. ATO _____ ATC

LEVEL CONTROLLER FISHER 2500-249

VALVE MAKE FISHER MODEL NO. 657ED SIZE 2"

SEAT METAL CLASS IV LEAKAGE RATE _____

IMPORTANT: VALVE SELECTION BASED ON MINIMUM _____ PSI

PRESSURE DROP ACROSS VALVE. PUMP SUPPLY PRESSURE

TO BE APPROXIMATELY _____ PSI ABOVE BOILER OPERATING

PRESSURE. DO NOT EXCEED _____ PSI DROP ACROSS VALVE.

3-VALVE BY-PASS:

2 GATE DSI FIG. NO. 4121 SIZE 2"

1 GLOBE DSI FIG. NO. 4221 SIZE 2"

CHEMICAL FEED VALVES: RS LS

1 SHARPE FIG. NO. 30276 SIZE 1"

1 SHARPE FIG. NO. 20276 SIZE 1"

SURFACE BLOWDOWN VALVE(S): RS LS

METERING TASCO FIG. NO. 4455 SIZE 3/4"

STOP DSI FIG. NO. 4121 SIZE 1"

FULL LENGTH SKIMMER N/S

BOTTOM BLOWOFF VALVE(S): RS LS

2 EVERLASTING FIG. NO. 4000-A SIZE 2"

1 UNITED BRASS FIG. NO. 226UT SIZE 2"

COMPLETED BY: _____ DATE _____
 SALES: RMB 11-29-06
 ENG.: _____

BOILER TO MEET THE FOLLOWING CODES:
 CSD-1 UL LABEL
 LOW-FIRE ELECTRICAL TEST ONLY FULL FIRETEST
 SHIPPED MOUNTED N/A NOT APPLICABLE
 SHIPPED LOOSE N/S NOT SUPPLIED
 PREPIPED/SHIPPED LOOSE CF CUSTOMER FURNISHED

REVISIONS		
REV.	DATE	BY
A	5-2-07	RMB



EQUIPMENT PURCHASED BY OTHERS FOR MOUNTING BY SUPERIOR BOILER WORKS

BURNER MFG GORDON-PIATT MODEL RMBU36
 FUELS: GAS TYPE NATURAL ALTITUDE 2000 FT. OR LESS
 FIRING RATE: GAS 92,400 CFH OF 1000 BTU/CF
 BURNER OPERATION: ON/OFF FIXED AIR ON/OFF W/L.F.S.
 HI-LOW-OFF W/L.F.S. FULL MODULATION
 AVAILABLE GAS PRESSURE 10# VOLTAGE: 480 VOLT 60 HZ 1 PH
 CODES: UL CSD-1 IRI FM NFPA 8501 OTHER _____

CONTROL PANEL: MOUNTED RS _____ LS _____
 BOILER _____ SKID _____ BURNER REMOTE _____
 POWER ON SWITCH _____ FUEL CHANGEOVER SW. _____
 MANUAL POTENTIOMETER _____
 CONTROL TRANSFORMER _____ M
 FLAME SAFEGUARD _____ AUTOFLAME MK6 M
 FLAME DETECTOR _____
 AMPLIFIER _____
 MOTOR: _____ HP STARTER SIZE HEATER
 BLOWER _____
 IGNITION: GAS/ELECTRIC _____ TYPE _____
 IGNITION TRANSFORMER: _____
 VOLTAGE _____
 GAS PILOT: SHUTOFF VALVE _____ SIZE _____
 PRESSURE REGULATOR _____ SIZE _____
 SOLENOID VALVE _____ SIZE _____
 AIR FLOW SWITCH _____
 FIRING RATE MOTOR _____
 CAM METERING _____
 FGR PIPING: RS LS SIZE 28"

SPECIAL INSTRUCTIONS _____

INDICATING LAMPS LAMP ALARM
 POWER ON ALARM
 FUEL ON LOW WATER
 CALL FOR HEAT HIGH WATER
 IGNITION ON FLAME FAILURE
 _____ _____
 _____ _____
 ALARM BELL HORN W/SIL. SW.
 GAS TRAIN: RS LS _____
 MOUNTED UNMOUNTED _____
 SIZE _____
 MAIN SHUTOFF COCK _____
 PRESSURE REGULATOR _____
 SAFETY GAS VALVE _____
 ACTUATOR _____
 N.O. VENT VALVE _____
 MAIN GAS VALVE _____
 ACTUATOR _____
 CHECKING COCK _____
 FIRING RATE VALVE _____
 LOW GAS PRESS. SW. _____ RG _____
 HIGH GAS PRESS. SW. _____ RG _____
 MANIFOLD GAS PRESS. GA. _____ RG _____



SPECIAL INSTRUCTIONS:

BOILER TO HAVE SHUNT PUSH BUTTON AROUND LWCO.

BOILER TO HAVE FLANGED STACK CONNECTION.

BOILER TO HAVE LOW PRESSURE STEAM NOZZLE WITH DRY PAN.

BOILER TO HAVE CHEMICAL FEED CONNECTION W/ DIFFUSER

SUPPLY AND HYDRO 14" X 10" 300# WELDNECK RF SPOOL PIECE.

SUPPLY AND HYDRO 10" X 10" X 24" SPOOL PIECE WITH 1/2" DSI 4121 DRAIN VALVE.

HYDRO CUSTOMER-FURNISHED 10" DAVIS NON-RETURN VALVE AND 10" DSI OS&Y GATE VALVE.

REAR DOOR TO SWING LEFT.

BOILER TO BE SHRINK WRAPPED.

BOILER TO HAVE SPECIAL PLATFORM CLIPS.

ALL DOCUMENTS/DRAWINGS TO SHOW:

JOB NAME: BUNGE-ERAGON VICKSBURG

JOB LOCATION: VICKSBURG, MS

P.O. NO. 067584