



SUPERSTEAM START-UP FORM

Please complete ONE (1) form for each UNIT at the site and return to DHT for warranty validation within 30 days of start-up. After completion, e-mail this form to WARRANTY@DHTNET.COM or fax to 718-386-7809.

Completed by: _____ Date: _____

UNIT AND LOCATION

Installation Name: _____ Technician: _____
 Street Address: _____ Company: _____
 City, State, Zip: _____ Phone #: _____
 DHT Sales Rep: _____ E-mail: _____
 Unit Serial #: _____

EQUIPMENT CLASSIFICATION

Choose the unit type and enter the serial number for each unit. Add additional in ADDITIONAL NOTES if needed.

- (VSGU) Vertical Unfired Steam Generator- Energy Source: Steam Model #: _____
- (HSGU) Horizontal Unfired Steam Generator- Energy Source: Steam Model #: _____
- (VSGUW) Vertical Unfired Steam Generator- Energy Source: High Temp Hot Water Model #: _____
- (HSGU) Horizontal Unfired Steam Generator- Energy Source: High Temp Hot Water Model #: _____

GENERAL INSTALLATION

Please indicate if any changes have been made to the Factory Settings.

- 1. The electrical circuit is 120VAC., 60HZ. YES NO
- 2. Voltage from neutral to earth to ground. YES NO
- 3. Control panel outside wiring is installed as per local code. YES NO
- 4. The unit is installed on a clean, level, weight bearing surface. YES NO
- 5. What is the service clearance access dimensions? _____
- 6. Was an industry safe rigging method used? YES NO
- 7. Were the steam lines flushed prior to installation? YES NO
- 8. Were the feed water lines flushed prior to installation? YES NO
- 9. Were the y-strainers installed upstream of the plant steam headers & upstream of the feed water line. YES NO
- 10. What is the feed water supply pressure? _____
- 11. What is the steam supply line size? _____
- 12. What is the feed water size? _____
- 13. What is the condensate line size? _____

GENERAL INSTALLATION (CONTINUED)

14. What is the product steam outline line size? _____

15. What is the blow down line size? _____

16. The pressure relief valves are plumed as per local code. YES NO

17. Proper condensate line was installed (no lift)? YES NO

18. The plant steam shut off valve is closed. YES NO

19. The power is on. YES NO

20. The control panel pid settings are as per manufacturer recommendations. YES NO

20. The feed water valves are fully open. YES NO

21. The water level in tank is on operational level. YES NO

22. Does the plant steam shut off valve gradually open? YES NO

23. Control Valve is open to the required percentage? YES NO _____ %

24. Inlet feed water temperature	
25. Steam pressure on PID screen	
26. Steam pressure on dial thermometer	

27. Automatic blow down valve interval	
28. Duration of blow down	
29. Pressure switch set point	

30. Record PID Settings

Low pressure alarm (psig)	
High pressure alarm (psig)	
Blow down interval (min)	
Blow down interval (sec)	
Pressure set point	
Gain	

Integral	
Dead Band	
Blow down duration (sec)	
Max. Valve open (%)	
Auto or Manual	
Filter	

31. Product steam pressure during start-up:

Steam Pressure max (psig)	
Steam Pressure min (psig)	
Max deviation from set point +/- (psig)	

OTHER COMMENTS

DHT INTERNAL APPROVAL

DHT Engineer Sign-off: _____ Date: _____

DHT Notes: