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WWW.WATERCHILLERS.COM

CHILLER START-UP CHECKLIST

A. Project Information

*CUSTOMER/PURCHASER NAME _____ Phone #_____

*JOB/SITE NAME _____

*ADDRESS _____

*CITY _____ STATE _____ ZIP _____

*SITE CONTACT NAME _____ Phone #_____

*INSTALLED BY _____ Phone #_____

*SALESPERSON _____ Phone #_____

*START-UP PERFORMED BY _____ Phone #_____

Equipment Description

Unit Model#: _____ **S/N:** _____

B. *Preliminary Check List

***Refer the Installation Manual for all necessary information. Contact Cold Shot Chillers as needed.**

***Chiller Switch Must Be In The Off Position Prior To Applying Power. Do Not Operate In Cooling Cycle.**

***Chiller Requires The Power To Be Energized With The Chiller Switch In The Off Position, 24 Hours Prior To Start Up. All breakers must be On. This Is To Power The Crank Case Heaters On The Compressor(s).**

***Please Complete Sections A and B, If Cold Shot Chillers is to Perform the Startup, Send Copy of Section A and B To Cold Shot Chillers Prior To Scheduling Startup.**

				INITIAL
1.	Is there ANY PHYSICAL DAMAGE? If YES, document issues, take photos, notify Cold Shot Chillers. Description: _____	◯ YES	◯ NO	_____
2.	Unit is installed level and properly supported	◯ YES	◯ NO	_____
3.	Unit has proper clearances around and above the unit	◯ YES	◯ NO	_____
4.	Chiller selector switch is in the OFF position	◯ YES	◯ NO	_____
5.	Power supply agrees with the unit nameplate requirements	◯ YES	◯ NO	_____

6. Electrical power wiring is installed properly ◯YES ◯NO _____

7. Unit is properly grounded ◯YES ◯NO _____

8. Electrical circuit protection provided: Type: _____Size: _____amps ◯YES ◯NO _____

9. Remote Control/Status box is installed and wired properly ◯YES ◯NO _____

   (Thermocouple wire must not be run in same conduit as voltage wires).

10. Automatic city switchover is installed and wired properly ◯YES ◯NO _____

11. For Split Systems (Remote Condenser and Condensing Unit): (Refer to Installation Manual)

    a. All refrigerant circuit piping installed, evacuated, dehydrated ◯YES ◯NO _____

    b. Refrigerant circuit charged accordingly ◯YES ◯NO _____

12. All refrigerant circuit valves are open (as indicated) ◯YES ◯NO _____

13. All fluid piping is connected properly and checked for leaks ◯YES ◯NO _____

14. All fluid circuit valves are open (as needed) ◯YES ◯NO _____

15. Fluid added to the system and air has been purged, as capable ◯YES ◯NO _____

    a. If outdoor ambient is or can be below 32°F (0°C) then this item will have to be completed to provide cooler freeze protection to -20°F (-29°C). Recommend that any outdoor piping be wrapped with electric heater tape and insulated as needed.

    Freeze protection solution type/concentration ____% _____ to _____% water

    Proper loop freeze protection provided to _____◦F. ◯YES ◯NO _____

16. Crankcase heaters operational ◯YES ◯NO _____

    (Power must be on 24 hours before starting the compressors on all units with crank case heaters.)

17. Will a heat load be available for chiller startup? ◯YES ◯NO _____

18. Provide page 1 and 2 of Startup Checklist to Cold Shot Chillers ◯YES ◯NO _____

***On the day of the startup, a site qualified person must be available for support of the process circuit of the system. The person should understand the process and be able to operate any equipment, valves, etc to permit the system to be operated during the chiller system startup.**

***To ensure the system operates as designed, a heat load will be required during startup process.**

***Cold Shot Chillers is not permitted to operate any system components without written consent by an approved customer representative.**

Print/Sign - Customer Representative	Company Name	Date

If the submit button does not work, save and send the document as an email attachment to warranty@waterchillers.com

SUBMIT FORM