



Request for Supervised Start-up

Sept 2004

Customer: _____

Contact Name: _____

Job Name: _____

Job Location: _____

Purchase Order No.: _____

The work as checked below is in process and will be completed by: (Date) _____. The services of a Turbocor Authorized Start-up Representative are requested on this date. **(Minimum 2 week notice required.)**

	Yes	No	Not Applicable
Electrical and Control			
Power wiring complete and in accordance with nameplate rating on Turbocor unit and prepared for connection in accordance with installation manual.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All interlock wiring complete between control panel and complies with Turbocor specifications and with applicable codes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control system is operational	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Isolate mains power. Remove the mains input cover. Check that the mains input terminals are tight. Replace the mains input cover.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evaporator Side			
Chilled water piping complete and connected to chiller unit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water system filled and vented.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pumps and/or fans (air-side systems) installed (Rotation checked).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Controls (3-way valves & by-pass valves , etc) operable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water system operated and flow balanced to meet unit design requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strainers checked for unusual debris.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow switch installed and functioning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Condenser Side			
Piping complete and connected to chiller unit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cooling tower flushed, filled and vented.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pumps and/or fans (air-side systems) installed (Rotation checked).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	Not Applicable
Controls (3-way valves & by-pass valves , etc) operable.	<input type="checkbox"/>	<input type="checkbox"/>	
Cooling tower fans wired and operable.	<input type="checkbox"/>	<input type="checkbox"/>	
Strainers must be checked, cleaned and free of debris.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow switch installed and functioning.			

Refrigeration

Leak check performed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Positive pressure in compressor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Miscellaneous

Temperature sensor wells, control , etc, installed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A minimum system load of 50% of total building load is available for testing and adjusting controls.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compressor is level.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External piping is adequately supported and aligned to the compressor ports.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adequate service clearance around the unit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
System was leak-tested, evacuated, and charged with refrigerant in accordance with industry standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interface module terminals are tight.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remove the service-side cover. Check that all modules are secure. Replace the cover.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

We understand that authorized representatives of the installing electrical and piping contractor must be available during the start-up period and that coordination is our responsibility.

NOTES: Turbocor will confirm start-up schedule.

Service fees: Refer to service rates form.

Cancellation costs: Flight rescheduling fees will be chargeable to Turbocor's customer. If, for any reason, delays are experienced over and above allotted commissioning time, Turbocor will charge \$80.00 (USD) per hour, plus any other out-of-pocket expenses.

Signed:

Title

Company Telephone

Company Name

Job Location Telephone

Company Location