INSTALLATION CHECK LIST AND REQUEST FOR AUTHORIZED START-UP ENGINEER

To: _____
District Service and Maintenance Manager
_____
_____
_____
YORK Telephone No: _____
Unit Model No: _____

Job Name: _____
Location: _____
Customer Order No: _____
YORK Order No: _____
Unit Serial No: _____

This work (as checked below) is in process and will be completed by: _____
Month Day Year

The following work **must** be completed in accordance with YORK Installation Instructions of the above Model and Absorption Unit.

A. UNIT SHIPMENT, INITIAL INSPECTION:

- ☐ **Local YORK Service has been notified of unit arrival.**
- ☐ All major pieces, boxes and crates are received.
- ☐ No visible signs of damage.
- ☐ With a local **YORK Service Representative** present, open all containers and check for contents against the packing list.
- ☐ Unit holding charge or vacuum has been verified.
- ☐ All damage or signs of possible damage have been reported to the transportation company.

B. FOUNDATION:

- ☐ Unit is mounted on a foundation level to 1/4".
- ☐ Unit located in accordance with the minimum clearance dimensions as recommended.
- ☐ Unit installed in an area protected from weather and maintained at a temperature above freezing.
- ☐ If the unit is a knockdown shipment, unit assembled under YORK supervision.
- ☐ Unit is level per YORK's allowable tolerance.

C. PIPING:

- ☐ All tower water piping installed between chiller and tower, including cross-over line.
- ☐ Chilled water piping installed between evaporator, pumps and cooling coils.
- ☐ Steam piping (if applicable) installed between unit and source of supply.
- ☐ If steam unit, all condensate and removal systems installed.
- ☐ Make-up and fill lines installed to cooling tower and chilled water system.
- ☐ All thermometer wells, flow switches and gauge connections installed in chilled and condenser water lines.
- ☐ All water piping checked for strain (piping should not spring when connections are broken at unit).
- ☐ System water piping leak tested and flushed, and water strainers cleaned after flushing. Piping system filled with water, and trapped air vented.
- ☐ Chilled and condenser water, hot water, or steam flow available to meet unit design requirements.
- ☐ All pressure relief devices (including unit rupture disk) are vented to a safe area.

D. BURNER:

- ☐ Free of damage; all fasteners, fittings, and plugs are tight
- ☐ All mechanisms, control arms and ball-swivels are tight and are in working order.
- ☐ Burner support has been installed.
- ☐ All gas train components supplied, properly installed and leak-checked.
- ☐ Breeching connections have been installed to the chimney and are open and unobstructed.
- ☐ Draft control equipment installed properly.
- ☐ High stack temperature probe installed properly and wired.
- ☐ Have properly sized vent lines been installed on all gas train components which require venting? This includes pressure regulators, normally open vent valves, diaphragm valves, low and high gas pressure switches, etc.
- ☐ Have gas train piping and components been tested and proven gas tight?
- ☐ Purge both main and pilot gas lines.
- ☐ Is the proper gas pressure available at the inlet to the controls? (Pressure must meet the requirements shown on the burner "as built specification sheet" as provided by the burner manufacturer.)

OIL FIRED BURNERS:

- ☐ Is the oil tank installed and filled with #2 fuel oil?
- ☐ Have oil supply and return lines been sized to meet the maximum pumping capacity of the pump?
- ☐ Has the oil piping system been leak tested and purged of air?
- ☐ Is the proper oil pressure available at the inlet to the controls?

E. ELECTRIC WIRING:

- ☐ Wiring completed from customers' main power supply fused disconnect switch to power panel on unit.
- ☐ External control wiring completed from control panel to flow switches, vacuum pump motor, etc., in accordance with YORK Wiring Diagram.
- ☐ Power available and wiring completed to the following starters and motors:
  - a. Chilled water pump contacts.
  - b. Tower water pump contacts.
  - c. Hot Water pump contacts (if applicable).
- ☐ Vacuum pump motor and blower fan motor (direct-fired units only) rotating in correct direction
- ☐ All electrical terminal connections are tight.

F. UNIT CHARGING AND COMMISSIONING:

- ☐ Lithium bromide, refrigerant and alcohol is available at jobsite for YORK Service to charge into the unit?
- ☐ Is vacuum pump oil available for charging into the vacuum pump?
- ☐ Is there a full capacity cooling load available for unit start-up?

With reference to the terms of the above contract, we are requesting the presence of a YORK Authorized Representative at the job site on _____ to start the system and instruct operating personnel. Please contact _____.
Month Day Year Names