INSTALLATION CHECK LIST AND REQUEST FOR AUTHORIZED START-UP ENGINEER

Address: Contact Person Email:

Contact Person Name: Contact Person Phone No.

# Model......… kig po......

# sales order.......… contract number........

# ship date.......… serial number........... SR….

REQUESTED START-UP DATE:

**The work (as check below) is in process and will be completed by** \_\_\_\_\_\_\_\_\_\_\_\_ / \_\_\_\_\_\_\_\_\_\_\_\_ / \_\_\_\_\_\_\_\_\_\_\_\_

 Month Day Year

 The following work must be completed in accordance with installation instructions:

**A. York Chiller**

1. Unit checked for shipping, storage or rigging damage [ ]

2. Equipment received as ordered. [ ]

3. Vibration isolators mounted so the unit is level and isolators equally deflected. [ ]

**B. Water Piping**

1. Chilled water piping installed between evaporator, pumps and chilled water system. [ ]

2. All water piping checked for strain - Piping should not spring when connections are broken at unit. [ ]

3. Flow switch installed in accordance with YORK instructions. [ ]

4. Chilled water temperature and pressure gauges installed at water inlets and outlets of chiller. [ ]

5. Water piping leak tested and flushed, and water strainers cleaned after flushing.  **[ ]**

6. Piping systems filled with water, vented of air and water treatment operational.  **[ ]**

7. Chilled water flow balanced according to design requirements.  **[ ]**

8. Chilled water line heat tape traced and insulated. [ ]

#### C. Electrical Wiring

1. Wiring completed and available from main power supply to starter. [ ]

2. Control power 115 volt service completed and available to control center. \* [ ]

 \* Installed with factory mounted control transformer.

3. Flow switches wired to control center in accordance with JCI instructions. [ ]

4. Power wiring completed and available to the chilled water pump starters and motors, and rotation of each checked. [ ]

**D. Preparation**

1. **Oil Heaters must be powered up 24 hours prior to scheduled start up**. [ ]

2. Cooling load available for testing and operating the unit. [ ]

3. Electrician available to check motor rotation for final wiring connections. [ ]

**JCI recommends the ATC be on site at start-up to coordinate unit operational requirements.**

**Operator’s training is to be scheduled concurrent with start-up. Contractor is responsible for scheduling of personnel.**

We understand that the services of the JCI Authorized Representative will be furnished in accordance with the contract, and we agree that a minimum trip charge of $ 3,000 per day plus travel expenses will be made to JCI if repeat service calls are required due to lack of adequate preparation, through no fault of Johnson Controls, Inc.

**Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name**: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**