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**: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**