

**ISIMET**  
 PO Box 129  
 Naples, TX 75568-0129  
 Phone: (903) 897-0737  
 Fax: (903) 897-0740

**Contact Your Local Representative for  
 Factory Startup**

Date: \_\_\_\_\_  
 Phone # \_\_\_\_\_  
 Fax # \_\_\_\_\_

**FLA SERIES START-UP CHECKLIST**

Project Name: \_\_\_\_\_ Project # \_\_\_\_\_  
 Project Location: \_\_\_\_\_  
 Product \_\_\_\_\_ Model # \_\_\_\_\_ Serial # \_\_\_\_\_ Room # \_\_\_\_\_  
 Installer: \_\_\_\_\_ Owner: \_\_\_\_\_

**ALL ITEMS ON THIS SIDE OF FORM ARE TO BE COMPLETED  
 PRIOR TO THE INSTALLATION OF THE VOLTAGE REGULATOR**

VERIFY THAT ALL CHECKLIST AND START UP PROCEDURES PER OPERATION AND MAINTENANCE MANUAL HAVE BEEN PERFORMED AND THAT ALL INSTRUCTIONS PER SUPPLEMENTAL INSTALLATION INSTRUCTIONS HAVE BEEN FOLLOWED. FAILURE TO DO SO MAY VOID THE WARRANTY.

The signing of this document certifies that the Installer has installed all components of the Utility Control System per the manufacturer's recommended installation procedures.

**Note: For ISIMET FLA Utility Control Systems, complete this form as well as the Warranty Registration form. Where more than one ISIMET FLA Utility Control System is provided for a single facility, then this form may be completed and submitted, combining all tested systems and components.**

**Pre Start-Up Checklist**

Before activating utility services and placing the Utility Control System(s) into operation, complete all checklists and tests for all products per manufacturer's instructions.

Verify that ALL installation procedures and Line Voltage, Alarm, Remote Relays, and/or Solenoids conform to Equipment Specifications. Verify the wiring isolation conditions have been met per product specifications and supplemental wiring instructions.

Do not proceed with equipment start-up until all Start-Up Tests & Checklists have been completed.

If the system is integrated with other automation systems, such as alarm systems, verify that input signals from those systems perform intended functions as stated in the installation instructions and that alarm and/or panic notification signals from this system(s) are acknowledged correctly by those other systems.

**Installation Procedure Compliance:**

If input or output wiring configurations for this installation differ from ISIMET Standards, shop drawings with detailed description of all configuration variances should be factory approved before performance of this Start-up.

Wiring: 120-vac Line Wiring / 24-vac Output Wiring / Remote Panic Wiring / Integrate Service / Monitoring Devices

- All these wiring systems are complete and tested? YES \_\_\_\_\_ NO \_\_\_\_\_
- Are any of these wiring systems located within any common conduit? YES \_\_\_\_\_ NO \_\_\_\_\_
- Are any of these wiring systems bundled or tied together with other wiring? YES \_\_\_\_\_ NO \_\_\_\_\_
- Have all output circuits been testing for direct short? YES \_\_\_\_\_ NO \_\_\_\_\_
- Are all fuses functional? YES \_\_\_\_\_ NO \_\_\_\_\_
- Foreign wiring systems enters the enclosure? (if yes, Service for) \_\_\_\_\_ YES \_\_\_\_\_ NO \_\_\_\_\_
- Non-ISIMET devices located within the enclosure? YES \_\_\_\_\_ NO \_\_\_\_\_
- Have all other electrical devices (other than ISIMET) in the room been connected and powered up? YES \_\_\_\_\_ NO \_\_\_\_\_

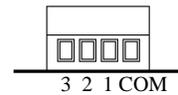
**Piping Utility Verification:**

- Have ALL piping systems been thoroughly flushed, cleaned and reassembled? YES \_\_\_\_\_ NO \_\_\_\_\_
- If solenoids are provided individually, are they easily accessible? YES \_\_\_\_\_ NO \_\_\_\_\_
- Are piping systems and solenoids/S-Enclosures installed per manufacturers instructions? YES \_\_\_\_\_ NO \_\_\_\_\_
- Are ISIMET Solenoids Provided with this system? \_\_\_\_\_ If not, Manufacturer \_\_\_\_\_  
 (if other solenoids are provided then you must include a copy of compliance verification)
- Are piping systems active (ON)? YES \_\_\_\_\_ NO \_\_\_\_\_

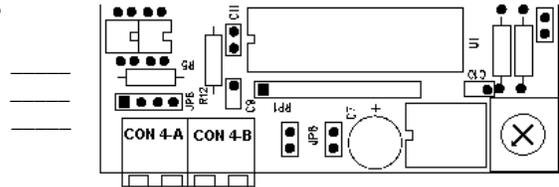
**Transient Voltage & Ohm Test for Outputs (Must use a digital voltage/ohm meter)**

With the Unit's red Control Switch OFF @ the panel and power on to all appliances and outlets within the immediate area of the system and field wiring connected at the output terminals, does transient voltage appear across:

Pins 1 & COM of CON 3    YES \_\_\_\_\_ NO \_\_\_\_\_ voltage reading \_\_\_\_\_ Resistance \_\_\_\_\_  
 Pins 3 & 2 of CON 3    YES \_\_\_\_\_ NO \_\_\_\_\_ voltage reading \_\_\_\_\_ Resistance \_\_\_\_\_  
 Transient voltage on Remote Panic Input: YES \_\_\_\_\_ NO \_\_\_\_\_ voltage reading \_\_\_\_\_



**Integrated wiring verification:** (See image to right)  
 If other devices are connected to the unit, they are terminated according to manufacturer's instructions as follows:  
 Alarm is correctly terminated @ pcb on Con 4-A  
 Remote Panic is correctly terminated @ pcb on Con 4-B  
 No other wiring conducting voltage is connected to any pin on the pcb.



**INSTALL THE VOLTAGE REGULATOR AT THIS TIME AND POWER UP UNIT**

Test each switch individually for functionality. PASS \_\_\_\_\_ FAIL \_\_\_\_\_

Measure outputs on CON3 and record values below:

Electric: Voltage \_\_\_\_\_ Amperage \_\_\_\_\_ Gas: Voltage \_\_\_\_\_ Amperage \_\_\_\_\_

IF Fire Station has been using the equipment provide date system(s) were put into use: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I certify that the electrical and plumbing systems directly connected and controlled by the ISIMET utility control system are active, ON, and has been tested and inspected.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Company: \_\_\_\_\_

File Name: \_\_\_\_\_

**Photos:**

Controller : \_\_\_\_\_  
 \_\_\_\_\_

Companion: \_\_\_\_\_  
 \_\_\_\_\_

Other: \_\_\_\_\_  
 \_\_\_\_\_

**NOTICE:** A representative from the Company installing the Plumbing and the Electrical must be present during Start-up.

Please fax report to (903) 897-0740