

**ISIMET**  
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 Naples, TX 75568-0129  
 Phone: (903) 897-0737

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

**Contact Your Local Representative for Factory Startup**

**LSP SERIES START-UP CHECKLIST**

Project Name: \_\_\_\_\_ Project # \_\_\_\_\_  
 Project Location: \_\_\_\_\_  
 Product \_\_\_\_\_ Model # \_\_\_\_\_ Serial # \_\_\_\_\_

If input or output wiring configurations for this installation differ from ISIMET Standards, provide shop drawings with detailed description of all configuration variances with this Start-up Request.

Comments: \_\_\_\_\_  
 \_\_\_\_\_

**Installation Procedure Compliance**

Wiring: 120-vac Line Wiring / 120 or 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 from ISIMET) in the room been connected and powered up? YES \_\_\_\_ NO \_\_\_\_

**Transient Voltage & Ohm Test for 24 VAC 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 3 & 2 of CON 3 YES \_\_\_\_ NO \_\_\_\_ voltage reading \_\_\_\_\_ Resistance \_\_\_\_\_
- Pins 3 & 1 of CON 3 YES \_\_\_\_ NO \_\_\_\_ voltage reading \_\_\_\_\_ Resistance \_\_\_\_\_
- Remote Panic Input YES \_\_\_\_ NO \_\_\_\_ voltage reading \_\_\_\_\_

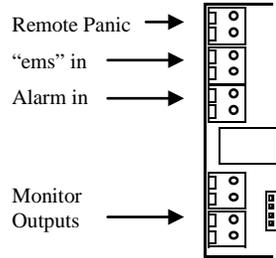


3 2 1 COM

**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:

- Remote Panic is correctly terminated @ pcb on Con 4A \_\_\_\_\_
- "ems" is correctly terminated @ pcb on Con 4B \_\_\_\_\_
- 24-vac "alarm" is correctly terminated @ pcb on Con 4C \_\_\_\_\_
- Monitor Output is correctly terminated @ pcb on Con 5 \_\_\_\_\_  
 (is monitor output 24VAC or Dry Contact? \_\_\_\_\_)
- No other wiring conducting voltage is connected to any pin on the pcb. \_\_\_\_\_



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**Piping Utility Verification:**

Have all piping systems passed a locally approved pressure test? \_\_\_\_\_ Inspection? \_\_\_\_\_

Solenoids and sizes include:

Dom. C.W. \_\_\_\_\_ Dom. H.W. \_\_\_\_\_ Fuel Gas \_\_\_\_\_ Comp. Air \_\_\_\_\_ Other: \_\_\_\_\_ - \_\_\_\_\_

Are piping systems and solenoids/S-Enclosures installed per manufacturer’s instructions? \_\_\_\_\_

Are ISIMET Solenoids provided with this system? \_\_\_\_\_ If not, Manufacturer \_\_\_\_\_

(if other solenoids are provided then you must include copy of compliance verification)

Are piping systems active (ON)? \_\_\_\_\_ Have ALL piping systems been thoroughly flushed and cleaned? \_\_\_\_\_

**Certification Statement:**

I certify that all piping systems directly connected and controlled by the ISIMET Utility Control System are active & ON, have been inspected and are clean of all construction related debris.

Sign \_\_\_\_\_ Print \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_ Company \_\_\_\_\_

Verified & Witness by \_\_\_\_\_ Title \_\_\_\_\_

Company / Firm \_\_\_\_\_ Date \_\_\_\_\_

**Electrical Utility Verification:**

Are all electrical services terminated to all appliances & equipment in the classroom and general proximity of the ISIMET Utility Control System? \_\_\_\_\_ Has the Electrical System passed a local Inspection? \_\_\_\_\_

If the ISIMET System is to be integrated with other control or monitoring systems, are these terminations complete and system active for the \_\_\_\_\_ ? Y / N and/or \_\_\_\_\_ ? Y / N

If wiring from a secondary control or monitoring system enters the enclosure, does wiring enter through conduit containing wiring for other ISIMET required devices or operators? \_\_\_\_\_

Is all low voltage control wiring to ALL operated devices terminated at the device and at the Controller’s output terminal? \_\_\_\_\_ Has wiring passed a continuity test? \_\_\_\_\_

**Certification Statement:**

I certify that the electrical system directly connected and controlled by the ISIMET Utility Control System is active, ON, and has been tested and inspected.

Sign \_\_\_\_\_ Print \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_ Company \_\_\_\_\_

Verified & Witness by \_\_\_\_\_ Title \_\_\_\_\_

Company / Firm \_\_\_\_\_ Date \_\_\_\_\_

You as the purchaser/installer may be subject to additional charges for parts and/or services if you fail to inform ISIMET of conditions that cause the unit to fail and/or improper installation methods. **DO NOT send this form until you are ready.**

**Company Authorizing Service** \_\_\_\_\_ **Date** \_\_\_\_\_

**Authorized Signature** \_\_\_\_\_

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