

***ISIMET* UTILITY CONTROLLER MAINTENANCE CHECKLIST**

VERIFY THAT ALL MAINTENANCE PROCEDURES HAVE BEEN PERFORMER.

Refer to pcb Configuration Chart, Maintenance Slide & Maintenance Guide for Instructions in performing these tests.

Maintenance Instruction:

Maintenance should be performed only by a qualified service technician. *ISIMET* recommends that testing be performed at least every six months, but always prior to utilizing the system when it has been left dormant or not used for an extended period. Additionally, at least annually, service all solenoids following the recommended procedures in the Solenoid Slide Presentation.

The start-up tests as described in the Product Operation & Maintenance Manuals and Slide Presentations should be conducted periodically to insure that the control system operates as intended. Input and output interface is an available option. Therefore, testing for proper interface between the input devices and automation systems, and output notification monitoring devices and automation systems should be conducted to verify communication between the Controller and these devices and integrated automation systems.

The output operators should be tested for correct voltage, amperage, and registered ohms. Ohms should be registered using either an analog or digital meter with power OFF to the unit. So that the intended safety provided for by optimum performance of the system, the proper operation of these operators should be periodically tested and verified.

Complete the test summary on page two and the checklist found on page three for each independent control system. A typical test sheet is provided on page four as an example and where system configuration and performance matches this example, then it may be used as the completed test sheet. If using the example for test reporting and where an specific application noted on the report does not apply to the tested system, strike through that portion of the report.

If testing indicates that a component is failing or no longer operates as intended then that device should be repaired or replaced immediately. If the communication test fails between the Controller and either a remote monitor or system then steps should be taken immediately to determine the cause of this failure and then make needed repairs.

Warranty - Liability Criteria:

During the terms of warranty, the testing should be performed and transmitted to *ISIMET* by fax, e-mail or mail. *ISIMET* does not warrant against or assume liability for failure of operation or lack of notification to secondary integrated monitoring systems. Warranty excludes Solenoids or Electrical Contacts other than those provided by *ISIMET*.

Periodic Maintenance Checklist Summary

date of testing _____

Site _____

(full name & address)

All output circuits operate in correspondence with panel switches ? _____

All monitoring systems or devices function and receive signaling from the Controller ? _____

Operators (solenoids and contacts) were provided by ISIMET ? _____

Number of *ISIMET* Utility Controllers tested during this maintenance procedure: _____

Number of *ISIMET* LA Companion Units tested during this maintenance procedure: _____

Number of *ISIMET* Solenoids or S-Series Enclosures: _____

Number of *ISIMET* E-Series Enclosures: _____

Number of *ISIMET* operators or monitoring devices included in all tested systems: _____

Comments:

By signing this Report Summary, I certify that all tests as indicated in test pages ____ of _____ pages has been performed and that results of tests are true and accurate. Further, failures of systems or components as indicated on these reports have been resolved so as to not violate the operating integrity of the system.

Service Technician

Company

Print Name

Signature

Date

Please mail, e-mail or fax the
Summary & Report Sheets to:

ISIMET, LLC
P.O. Box 129
Naples, TX 75568

Fax: (903) 897-0740
Customerservice@ISIMET.com

Function	Applied Y/N	Voltage 5-vdc/24-v	Termination point	pcb-Jumper JP # - Y/N	post config. L/R	Functional Y/N	Signal-IN Y/N	Comments
“ems”			TER 1-1&2	4-a	JP-2			
alarm			TER 3-1&2		JP-13			
Isolated “panic”			CON 1b 1&2					
Aux. “panic”			CON 1b 3&4					
Emerg. Shower			CON 1b &					
Gas Sensors			J1 or J2					

Output Integration

Function	Applied Y/N	Voltage Dry-contact	Termination point	pcb-Jumper JP # - Y/N	post config. L/R-center	Functional Y/N	Signal-OUT Y/N	Comments
“ems” monitor		Dry-contact	TER 1-3&4					
Alarm monitor			TER 3-3&4 *		JP-11			
5-v “panic” out		5-vdc	CON 1a 3&4					
5-v “alarm” out		5-vdc	CON 1a 1&2					
Beacon/Horn		24-vac	TER 3-3&4 *					
Light Array		24-vac	TER 2					
Monitor-Station		5-vdc	TER 3-3&4 *					

Note: Jumpers are required @ JP locations when input voltages are 5-vdc. Remove jumpers when input = 24 vac.

Alarm monitoring JP 11 should be L/R = 24-vac - OR - center = dry-contact.

Termination points: CON = “pcb” - Printed Circuit Board Connector TER = Control Panel Terminal (example: CON 4b-1&2)

* Termination of Monitoring Outputs may vary when “time delay” circuit is utilized in the system.

Output Circuit Function

Output Circuit	Utility / Service	Normal ON/OFF	Key	ON/OFF W/switch	ON W/panic	OFF W/panic	OFF W/alarm	OFF W/ems	Output Voltage ON	Transient Voltage-OFF	Ohms Ω	Amps	pcb LED’s	Panel LED’s
CIR 1														
CIR 2														
CIR 3														
CIR-4														
CIR 5														
CIR 6														

Note: If CIR 4 is “FAN” then JP 7 should be @ left config.