

# ***ISIMET* DLA - CONTROLLER MAINTENANCE CHECKLIST**

VERIFY THAT ALL MAINTENANCE PROCEDURES HAVE BEEN PERFORMED.

**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* DLA Controllers tested during this maintenance procedure: \_\_\_\_\_

Number of *ISIMET* Solenoids: \_\_\_\_\_ Model # \_\_\_\_\_

Number of *ISIMET* monitoring devices included in all tested systems: \_\_\_\_\_

Is the DLA integrated with a Building Automation System? \_\_\_\_\_

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

**Input Integration** Model # \_\_\_\_\_ Serial # \_\_\_\_\_ Location \_\_\_\_\_ Date \_\_\_\_\_ page \_\_\_\_ of \_\_\_\_ pages

Function	Applied Y/N	Voltage 24-v	Termination point	pcb-Jumper - Y/N	post config. L/R	Functional Y/N	Signal-IN Y/N	Comments
“ems”			Con 4-C	JP-2	JP-2-A			
alarm			Con 4-B		JP-1			
Isolated “panic”								
Aux. “panic”			Con 4-A					

Termination points: Refer to Product Operation & Maintenance Manuals for connection points.

**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	Water Solenoids													
CIR 2	Monitoring													

Solenoid Test: LSP Units only

Solenoid coils adhere to specified ratings? \_\_\_\_\_ Solenoid diaphragm has been examined and cleaned? \_\_\_\_\_

Do “Latch Closed” Solenoids Open W/ Output Circuit 1 ON? \_\_\_\_\_

Do “Latch Closed” Solenoids Close W/ Output Circuit 1 OFF? \_\_\_\_\_

Do “Latch Open” Solenoids Close W/ Output Circuit 1 ON? \_\_\_\_\_

Do “Latch Open” Solenoids Open W/ Output Circuit 1 OFF? \_\_\_\_\_

NOTE: “Latch Open” Solenoids are utilized as drain-down valves in order to drain the piping system when that valve is closed.

Does the Monitoring Output Circuit Operate the Green Lamp when CIR 1 is OFF? \_\_\_\_\_ and Red when CIR 1 is ON? \_\_\_\_\_