

ISIMET

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**Contact Your Local Representative for
Factory Startup**

**SHOP CONTROLLER START-UP
CHECKLIST**

Date: _____

Phone # _____

Fax # _____

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**

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 ____

IF school has been using the equipment provide date systems were put into use: _____

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: _____

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

Shop Controller Start Up Page 2

Transient Voltage & Ohm Test (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 including COM, testing @ Terminal 2 on the Unit's Panel does transient voltage appear across:

BOARD #1	Pins 1 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 2 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 3 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
BOARD #2	Pins 1 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 2 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 3 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
BOARD #3	Pins 1 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 2 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 3 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
BOARD #4	Pins 1 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 2 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 3 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
BOARD #5	Pins 1 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 2 & COM	YES _____	NO _____	voltage reading _____	Resistance _____
	Pins 3 & COM	YES _____	NO _____	voltage reading _____	Resistance _____

Fill out the above sections for each board. If only two outputs are on the board, mark N/A on unused lines.

Transient voltage on AUX Panic Input : YES _____ NO _____ voltage reading _____

Number of Transformers: _____ Boards served by Transformer #1: _____

Boards served by Transformer #2: _____ Boards served by Transformer #3: _____

If alarm output is being utilized is it dry contact or 24vac _____

Is "ems" being utilized? YES _____ NO _____

Has a trim kit been installed? YES _____ NO _____

INSTALL THE VOLTAGE REGULATOR AT THIS TIME AND POWER UP UNIT

Test each switch individually for functionality. PASS _____ FAIL _____

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Shop Controller Start Up Page 3

Measure outputs on terminal(s) and record values below. ALL blanks must be filled out if circuit is used.

Board #1

SERVICE	VOLTAGE	AMPERAGE	SERVICE	VOLTAGE	AMPERAGE
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1. _____	_____	_____	2. _____	_____	_____
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3. _____	_____	_____			
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Board #2

SERVICE	VOLTAGE	AMPERAGE	SERVICE	VOLTAGE	AMPERAGE
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1. _____	_____	_____	2. _____	_____	_____
----------	-------	-------	----------	-------	-------

3. _____	_____	_____			
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Board #3

SERVICE	VOLTAGE	AMPERAGE	SERVICE	VOLTAGE	AMPERAGE
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1. _____	_____	_____	2. _____	_____	_____
----------	-------	-------	----------	-------	-------

3. _____	_____	_____			
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Board #4

SERVICE	VOLTAGE	AMPERAGE	SERVICE	VOLTAGE	AMPERAGE
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1. _____	_____	_____	2. _____	_____	_____
----------	-------	-------	----------	-------	-------

3. _____	_____	_____			
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Board #5

SERVICE	VOLTAGE	AMPERAGE	SERVICE	VOLTAGE	AMPERAGE
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1. _____	_____	_____	2. _____	_____	_____
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3. _____	_____	_____			
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COMMENTS: _____

If photo's are attached please describe: _____

Fax FULL report to 903-897-0740 or email to: Johna.s@isimet.com