



Axijet® Leadlag™ Exhaust Fan Control System

OPERATION CHECK LIST / START-UP REPORT

Project Name: _____

M.K. Plastics Representative Name: _____

Axijet System Numbers Leadlag are controlling #: _____

Date: _____

Section 1 (Leadlag Information Verification)

Category	Leadlag No. #
Manufacturer:	M.K. Plastics Corporation
Serial Number:	
Input Voltage:	

Section 2 (Fan Motor Nameplate Verification)

Horsepower:	
Rated Voltage:	
Current Rating:	
Motor RPM:	

Section 3 (Magnetic Coil Motor Starter Verification)

Rated Horsepower:	
Rated Voltage:	
Rated Current:	
Protection Overload Amps:	

<input type="checkbox"/>	Before proceeding, be sure to follow proper lock out and tag out procedures
<input type="checkbox"/>	Inspect the Leadlag parts to ensure that there are no broken/damaged parts
<input type="checkbox"/>	Ensure that the main PLC Control Panel Unit (PCPU) is clean and dry
<input type="checkbox"/>	Examine the environment condition surrounding the PCPU. Ensure the panel is in a non-corrosive environment. If a corrosive environment exists, please note this in the comment section on Page. 2
<input type="checkbox"/>	Verify that all customer connections are identified and properly terminated

Sections 1, 2 & 3 Comments

Category	Errors, Deviations, Description of Discrepancies
Broken/Damaged Missing Parts	
Environmental Issues	
Mech./Electrical Issues	
Miscellaneous Issues	

Sections 4 (Fuse and Relay Check)

<input type="checkbox"/>	Ensure that all fuses and relays are properly installed & seated
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Sections 5 (Fan Motor Check)

<input type="checkbox"/>	Is motor ' <i>Meggered</i> ' by an electrician?
<input type="checkbox"/>	Remove motor 'T' lead junction box covers and visually inspect wiring for proper dressing and lead insulation
<input type="checkbox"/>	Confirm motor input voltage has been verified

Sections 6 (VFD Checks - if applicable. Refer to VFD manufacturer's check list)

<input type="checkbox"/>	Verify VFD sizing
<input type="checkbox"/>	Make and model of VFD
<input type="checkbox"/>	Confirm VFD manufacturer's check list is completed (if supplied)

Sections 7 (Leadlag Programming Setup [Touch Screen] - refer to M.K. Plastics Leadlag IO&M)

<input type="checkbox"/>	Confirm password works for setup control
<input type="checkbox"/>	Time/Date set
<input type="checkbox"/>	Pressure transducer calibrated/static pressure set-point (span & offset values)

Sections 8 (General Leadlag operation)

<input type="checkbox"/>	Fan is Leadlag or All On/All Off
<input type="checkbox"/>	Leadlag staging (i.e. 90% next fan on, 20% next fan off)
<input type="checkbox"/>	Leadlag fan running hours switch point
<input type="checkbox"/>	VFD's working? (if applicable)
<input type="checkbox"/>	VFD minimum programmed frequency (if applicable)
<input type="checkbox"/>	PID set-points for the VFD's and bypass dampers (if applicable)
<input type="checkbox"/>	Confirm isolation damper opens when drive VFD placed in Hand or Bypass mode, (if applicable)

