

FAX COVER SHEET

TO: **FAX:**
PHONE:

FROM: Maria Freeman **PHONE:** 864-574-8960 ext 5251
Field Service Coordinator **FAX:** 864-574-8063

Re: Installation / Startup Checklist –Load Stand

NUMBER OF PAGES INCLUDING COVER SHEET: 3

If you have a problem receiving this transmission, please call sender 864 574-8960 ext 251. Thank you.

Note:

We appreciate this opportunity to fulfill your service needs. Please complete and return the attached check sheet at least 5 days before your scheduled service.

A Kistler-Morse factory authorized Service Technician will provide the following:

- 1) **Terminate Load Stand in KM junction boxes.**
- 2) **Set-up and configure all KM electronics.**
- 3) **Inspect outputs of each load stand and shim the system as needed.**
- 4) **Calibrate one vessel using customer-supplied material movement. If material cannot be moved in or out of additional vessel(s) the service technician will perform a manual calibration using a mathematical calculation from information provided on the customer's Application Data Form and any additional customer supplied information. The customer will be responsible for completing the calibration. If needed, telephone support is available from the factory (M – F, 8 – 5 Eastern Time)**
- 5) **Provide training on system calibration during start-up for one or two of the customer's personnel.**

If you have specific service requirements outside of this scope of work, please contact Kistler-Morse to make the needed arrangements.

The customer will complete and make available all items outlined in the Startup Checklist. Mount all indicators and junction boxes. Provide and install all conduits. Provide and install all junction box to indicator cabling.

We look forward to meeting your service needs.

Thank You

Installation Checklist – Load Stand

COMPANY	INDUSTRY
ADDRESS	CONTACT
CITY, STATE/PROVINCE, POSTAL CODE, COUNTRY	POSITION
TELEPHONE	FAX

Thank you for purchasing Kistler-Morse equipment. To ensure an effective start-up, you are responsible for having the site preparation completed, as outlined on the following page, prior to the arrival of the Kistler-Morse Service Representative. Once these items are completed, fax the completed form to (864) 574-8063.

Note: The completed checklist must be submitted to Kistler-Morse five business days prior to the scheduled service date as specified by the “Submit Date”

Submit Date

Sign, date and fax this completed form no later than _____
Attention Field Service Coordinator
Kistler-Morse Fax – 864-574-8063

Schedule Maintenance Personnel for Training.

As many as two of your personnel may be trained during the start-up without adding significantly to the service technician’s on-site time. If additional personnel require training during start-up, please contact Kistler-Morse Field Service Coordinator to make the appropriate arrangements.

Calibration.

For proper calibration at least 25% of the total material weight must be moved into or out of the vessel during the service visit. If moving material is not possible, a calculated manual calibration will be performed based on the information you provide to the Service Technician. At least one of your company personnel must be available for training on how to calibrate the system.

If you have any questions regarding the items on this Checklist feel free to call our technical support department at 864-574-8960.

Load Stand Check List

PLANT NAME	PLANT LOCATION
TELEPHONE	FAX

All equipment should be installed according to the instruction manual(s) supplied with the equipment (i.e. dimensions, area suitability, mounting details). If you require clarification, contact Kistler-Morse Service Department at 864-574-8960 (US and Canada).

Completion Date	Completed (Check)	
_____	<input type="checkbox"/>	Install. Junction boxes and KM Controllers.
_____	<input type="checkbox"/>	Install. Load Stands.
_____	<input type="checkbox"/>	110VAC power run and terminated to the KM Controller(s).
_____	<input type="checkbox"/>	110VAC outlets accessible for power tools inside the silo(s) or within reach of an extension cord.
_____	<input type="checkbox"/>	Lighting. Ensure adequate lighting is available; either permanent or temporary.
_____	<input type="checkbox"/>	Interconnect Cable. For connection between the KM supplied junction boxes and the signal processor, 3-conductor, 18 gauge (Belden 8791). To estimate quantity required, start with an amount equal to the diameter of the vessel multiplied by the number of data collection points (sensor mounting locations). Add the distance from the vessel to the location where the signal processor will be mounted. Multiply by two. Repeat this equation for each vessel being instrumented and add the results together.
_____	<input type="checkbox"/>	Interface Interconnect. Output relay wiring, current output wiring, serial data connections, or Allen-Bradley RIO cable(s) in place.
_____	<input type="checkbox"/>	Conduit - Protection for cables and data integrity. Quantity is site dependent.
_____	<input type="checkbox"/>	Work permits. Company, Local and Other Governing Agencies (as required).
_____	<input type="checkbox"/>	Availability of Extension Cords, Ladders, Lights etc.
_____	<input type="checkbox"/>	Calibration Adding or removing an amount of material equivalent to at least 25% of the live load total material weight is available for calibration purposes.
Name(s) of personnel to be trained:		
1. _____ 2. _____		

I, the undersigned, understand that if the Kistler-Morse Service Representative arrives on-site and any of the above items are not complete, we are responsible for payment of the visit, plus all subsequent charges incurred due to delays, billed at the standard daily rate. If a return visit is required to complete the start-up normal billing will apply as outlined in Kistler-Morse's North American Service Agreement. I authorize the invoicing of any additional charges that may result should this occur.

Signed _____ Date _____
 Print Name _____ Position _____



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