

K-S Laboratory & Pilot Scale Test Programs

Komline-Sanderson maintains facilities and equipment for the purpose of conducting tests to evaluate the applicability of its equipment in customer processes. Laboratory or pilot tests can be conducted to evaluate the applicability of equipment, characterize a feed material, and gather design data. Laboratory and pilot testing are valuable tools for evaluating filtration and drying/cooling characteristics, selecting filter media, and performance optimization.

Komline-Sanderson offers a complete technical service program for each of our products. We have the capabilities of conducting bench scale tests at our laboratory or at the customer's plant. For more extensive testing we offer pilot test and pilot rental equipment.

• K-S Test Sample Questionnaire

Komline-Sanderson is concerned about everyone's safety and the environment. The information requested from you on our "K-S Test Sample Questionnaire" is used to ensure that the material is handled and shipped in accordance with Federal and State regulations as well as Komline-Sanderson's policy. Information necessary to caution and warn people of risks associated with the handling and shipping of your material must be provided.

• Shipment of Samples to K-S

The K-S Test Sample Questionnaire and your Material Safety Data Sheets (MSDS) (when applicable) are to be reviewed by K-S prior to our authorizing you to ship material to us. After reviewing your material information, the application for which K-S equipment is being evaluated, and test program objectives, we will provide the following to you:

- K-S authorization number,
- Sample size requirements,
- Shipping address for samples,
- Test schedule for perishable samples.

Do not send samples to Komline-Sanderson until you have authorization from us to do so. Shipments that have not been authorized cannot be accepted.

Once a shipment has been authorized, clearly label each container and any external packaging. Container labeling should be on the sides of

the containers, not the lids. Labels should be weatherproof and durable and must contain the following information:

- K-S authorization number,
- Labeling required by the US Department of Transportation (49 CFR), or by the Environmental Protection Agency (EPA),
- Shipper's name and telephone number.

Check to be certain that labeling and packaging requirements have been met and that the K-S authorization number is visible on the outside of the final package. If the K-S authorization number is not visible, delivery may be refused.

Include the MSDS (if applicable) with the shipment.

Ship the sample prepaid.

Ship perishable samples so they arrive early on the scheduled test date. Do not add any preservatives to the sample.

• Material Disposal Policy

Komline-Sanderson reserves the right to return all samples to their origin. For hazardous materials or hazardous substances, all materials shipped to Komline-Sanderson for test purposes and washwater produced in the test or in the cleanup of lab or pilot equipment will be returned to you for disposal. The exception to this will be small quantities of non-hazardous substances which can be safely and legally discharged to our municipal sewer system.

The name and address of a person responsible for receiving the returned material must be provided to Komline-Sanderson on the K-S Test Sample Questionnaire.

• Pilot Scale Rental Equipment

Komline-Sanderson Vacuum Filters, Dissolved Air Flotation Clarifiers, and Paddle Dryers/Coolers are available as skid mounted units. The K-S Gravabelt[®] Gravity Belt Thickener and K-S Kompress[®] Belt Filter Press are available as trailer mounted systems.



Komline-Sanderson

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