

Data Validation

Feature in Xspec® Versions 3.1 and 4.0

Many Xspec screens feature fill-in-the-blank fields where a user chooses the information from system generated lists. Users can only choose the information available in these lists. Your company has the option to validate lists. Validated lists limit what a user can enter in an Xspec field.

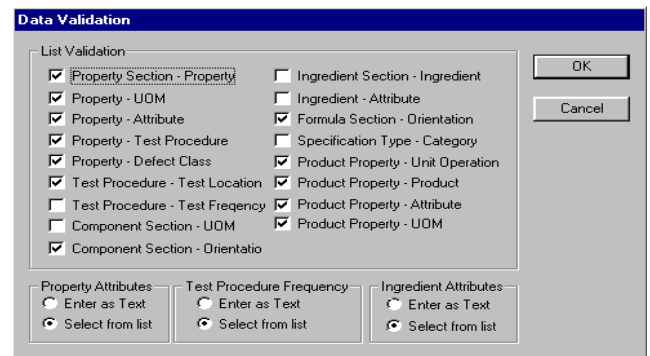
EXAMPLE: An administrator entered the property term *Distance* and the units of measure *Mile*, *Kilometer*, and *Pound* in the Data Lists screen. The system administrator validates *Mile* and *Kilometer* to *Distance*. The administrator did not relate *Pound* to *Distance* because you cannot measure distance in pounds. If a company does not validate lists, then users can choose from all information available in a data list. Data validation enables a company to limit an employee's choice for a particular field.

How it Works!!!

Validating lists helps eliminate user errors in specifications. You do not have to validate all data lists. In fact, you do not have to validate any list. You can choose which lists you want to validate. Click on the validation options you want from the Data Validation screen (figure 1). The system displays a check mark next to each option you choose.

The following list contains some types of information that the system administrator validates:

1. The category list to the specification type.
2. The attribute list to the ingredient name.
3. The attribute list to the property.
4. The defect class list to the property.
5. The test location list to the property.
6. The test procedure list to the property.
7. The unit of measure list to the property.



This screen also enables you to determine if the Attribute field in the Property or Ingredient section is a selection list field or a text field. You can also determine if the Frequency field in the Property section is a selection list field or a text field.

Figure 1

Once you determine which lists are to be validated, you can open the Relations screen from the Dataflex Configurator. Choose the list types and the data you want to validate. For example in figure 2, the data type is Property, the data is Closure, the associated list type is Test Procedure, and the data selected is ASTM D 441-445. As a result, when a user chooses Closure from the property data list, the test procedure available in the test data list will be ASTM D 441-445. The user will only be able to choose that test procedure!

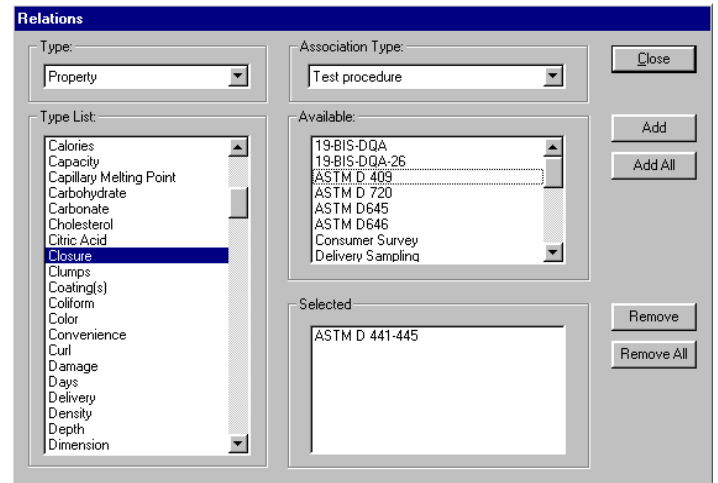


Figure 2

How Do I Get More Information?

If you would like more information on Xspec version 3.1 or 4.0, please contact your IMAS sales representative at 800-977-3248.



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