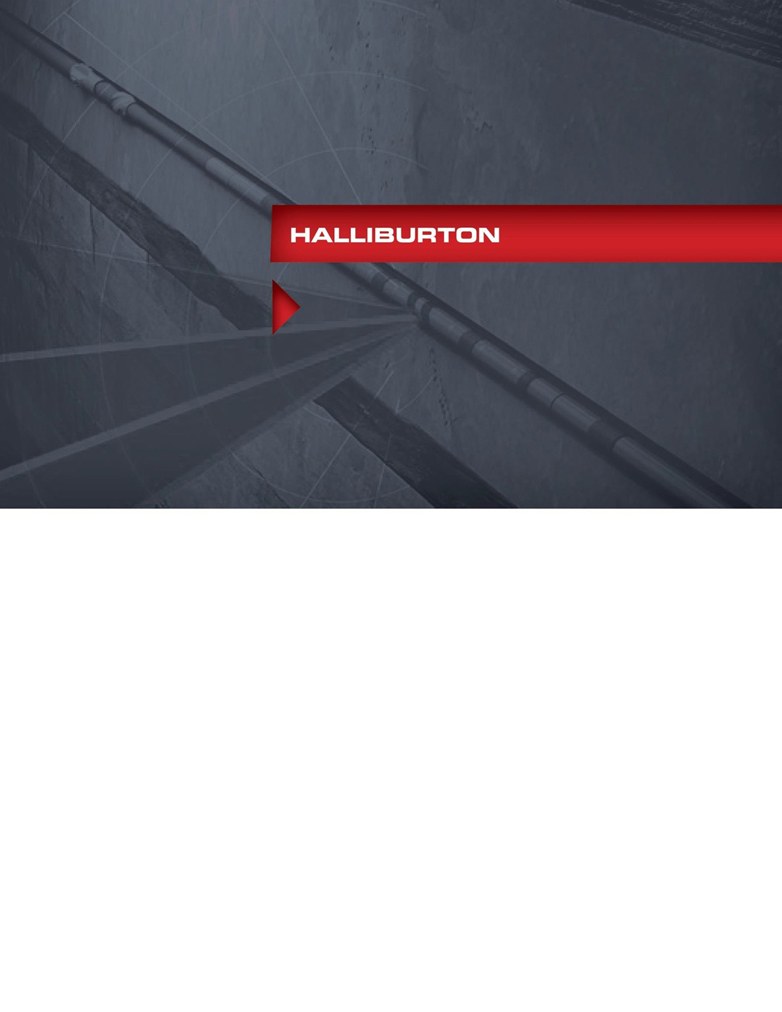
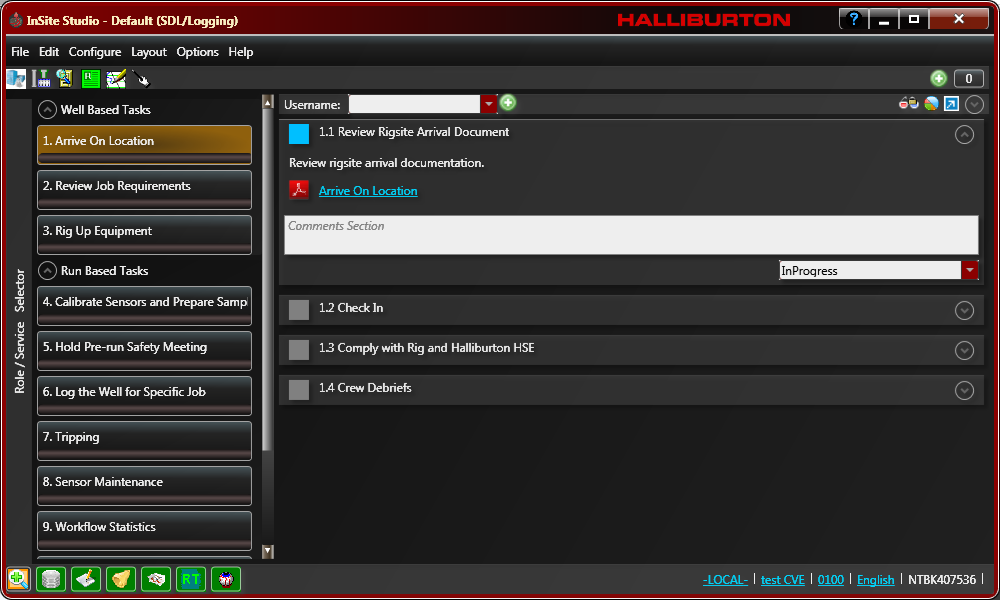
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**SDL Fundamentals: Data Engineer**

**Course Workbook**

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# Practical 1

## SUBJECT: Overrides

## OBJECTIVE: Overriding Variables using IRIS Overrides

#### IRIS has a function to override the real time parameters. From InSite Studio, select the ***Data Acquisition*** tab and then click on the ***IRIS Overrides*** button. The IRIS Override Screen will appear.

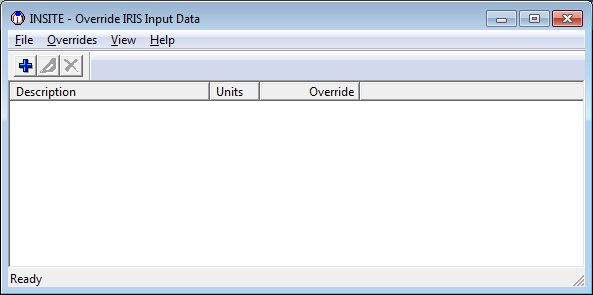


Figure 1.1

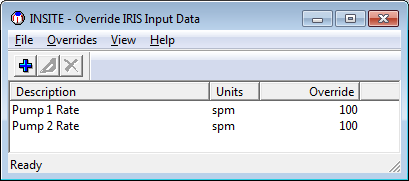


Figure 1.2

#### In this example, the pump rates on Pumps 1 and 2 have been overridden with 100 strokes apiece.

#### To add an override to IRIS, click on the + sign or, from the drop down under Overrides, select add.

#### Select the parameter to override, in this case Pump Rate 3, and input a value. The current value for the selected parameter is also displayed. Click on ***Add*** and then ***Done*** to make the change take effect.

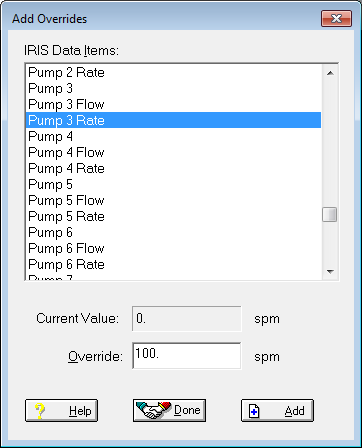


Figure 1.3

#### To edit an existing override, highlight it in the ***IRIS*** ***Overrides*** window and click on the ***Edit*** icon (the pen nib). To delete an override, highlight it and click on the X to delete it.

#### The same above steps can be used for any IRIS parameters as Pore Pressure Estimated, MW……etc. See below.

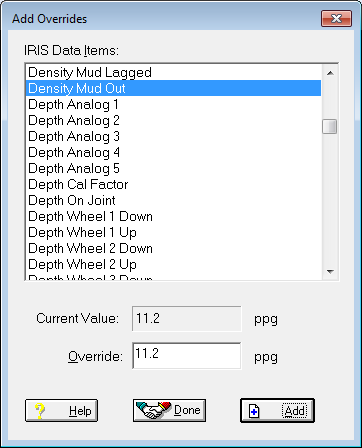
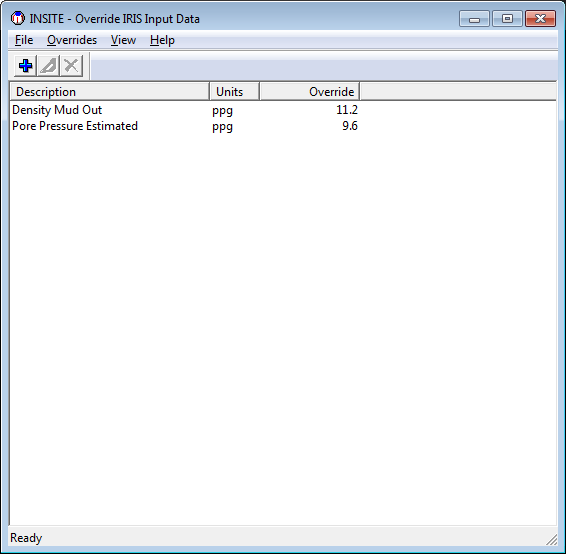
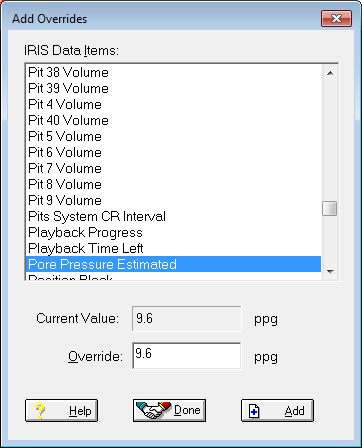
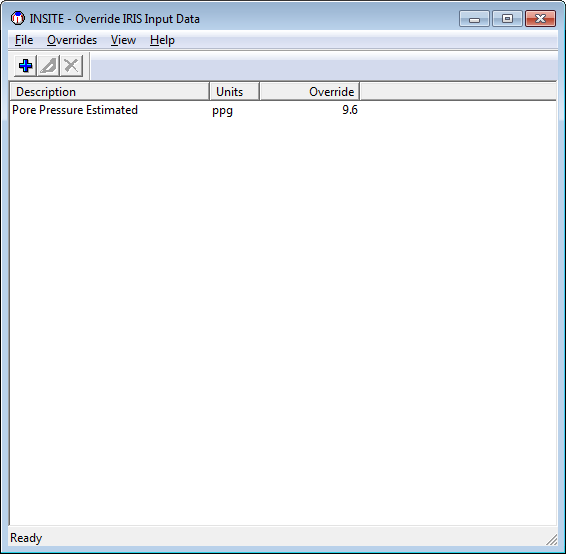


Figure 1.4

#### The Override IRIS Input Data screen will show added overrides displaying each variable added with the units sets used and the override value, as seen in Figure 1.5.

#### Create the following overrides as displayed in Figure 1.5 and take a screen capture to include in a word document.

#### Describe a circumstance where you might use an override not including the overrides used in the practical exercise. Save this document as ***Your Name Overrides***. Send this via email to the instructor.

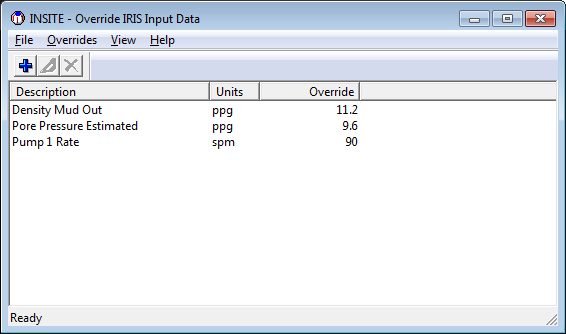


Figure 1.5