



Manufacturing Innovation. **Together.**

```
Sub GetParametersFromExcel()  
    ' This information is found on the "Shell Length Calcs" tab of the spreadsheet, and the first column represents the length of the tank  
    ' Each tank body can have up to two different shell plate widths to cover the exact length of the tank  
    ' SP1 represents the width of the first shell plate, and SP2 represents the width of the second shell plate  
    ' Length Check and Total Plates columns are just for verification of the data, and are not read into this rule  
    i = GoExcel.FindRow("C:\Automation Starter Kit\SK Excel File.xlsx", "Shell Length Calcs", "Length", "=", TANK_L)  
    SHELL_W_1 = GoExcel.CurrentRowValue("SP1 Width")  
    SHELL_W_2 = GoExcel.CurrentRowValue("SP2 Width")  
    SHELL_Q_1 = GoExcel.CurrentRowValue("SP1 Qty")  
    SHELL_Q_2 = GoExcel.CurrentRowValue("SP2 Qty")  
  
    ' This information let's us know key parameters that are used to design the skid assembly  
    ' This grabs several columns from the "Dish Depths" tab of the spreadsheet  
    j = GoExcel.FindRow("C:\Automation Starter Kit\SK Excel File.xlsx", "Dish Depths", "Tank Diameter", "=", TANK_OD)  
    DISH_DEPTH = GoExcel.CurrentRowValue("Dish Depth")  
    SKID_FW = GoExcel.CurrentRowValue("Width")  
    SKID_FH = GoExcel.CurrentRowValue("Height")  
    SKID_FL_THK = GoExcel.CurrentRowValue("Flange")  
    If TANK_OD >= 36 in Then SKID_WEB_THK = GoExcel.CurrentRowValue("Web")  
    SKID_BEND_L = GoExcel.CurrentRowValue("Bend L")  
    SKID_ROD_D = GoExcel.CurrentRowValue("Rod D")  
    DRAIN_DISH_OFF = GoExcel.CurrentRowValue("Drain Offset Dish")  
  
    ' This grabs information from the "Tubes" tab so that we can test if the input nozzle interferes with hatches or shell plate seams  
    k = GoExcel.FindRow("C:\Automation Starter Kit\SK Excel File.xlsx", "Tubes", "Size", "=", Inlet_Size)  
    INLET_PIPE_OD = GoExcel.CurrentRowValue("OD")  
End Sub
```