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