' This rule sizes all the spray nozzles in the Gunline assembly, based on the OD of the tank and the

' size of the Gunline

Dim strFileName As String

strFileName = LIBRARY\_PATH & "Gunline Parts\ANSI A53B XS "

' The 6" Gunline uses 4" models for the downpipe, elbow and nozzle assembly

' The 4" Gunline uses 2" models for the downpipe, elbow and nozzle assembly

' The default Gunline assembly model uses the 2" models for the downpipe, elbow and nozzle assembly

' If the user selected the 6" Gunline size, then we need to replace the 2" elbow and nozzle models with 4" versions

If GUNLINE\_SIZE = 4 in Then

strFileName = strFileName & "2-"

Else

strFileName = strFileName & "4-"

Component.Replace("ASME B16.9 Long Radius 45 Deg Elbow 2 x 0.218:1", "ASME B16.9 Long Radius 45 Deg Elbow 4 x 0.337.ipt", True)

Component.Replace("ASME B16.9 Reducer 2 - Schedule 80 1 1\_2:1", "ASME B16.9 Reducer 4 x 3 - Schedule 80.ipt", True)

End If

' Based on the OD of the tank, we need to find the correct downpipe, and replace it in the assembly

' Once the properly sized downpipe part is placed in the assembly, the elbow and nozzle models will adjust based on the constraints

' that are built into the template assembly model

Select Case TANK\_OD

Case 144 in

If GUNLINE\_SIZE = 6 in Then Component.Replace("ANSI A53B XS 2-26:1", strFileName & "26.ipt", True)

Case 138 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "24.ipt", True)

Case 132 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "23.ipt", True)

Case 126 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "22.ipt", True)

Case 120 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "20.ipt", True)

Case 114 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "19.ipt", True)

Case 108 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "17.ipt", True)

Case 102 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "16.ipt", True)

Case 96 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "15.ipt", True)

Case 90 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "13.ipt", True)

Case 84 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "12.ipt", True)

Case 78 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "10.ipt", True)

Case 72 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "9.ipt", True)

Case 66 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "7.ipt", True)

Case 60 in

Component.Replace("ANSI A53B XS 2-26:1", strFileName & "5.ipt", True)

End Select