

KETIV

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```
' 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
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