

ภาคผนวก

ภาคผนวก ก

การจัดกลุ่มข้อมูลลักษณะประจำตัวโปรแกรม Microsoft Visual Basic

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Sub CycleTime1()
Dim countrow As Integer
Dim CyTime As String
Dim Score1 As String
Dim Score2 As String
Dim Score3 As String
Dim Score4 As String
Score1 = "50"
Score2 = "50.000"
Score3 = "58.000"
'Score4 = "58.000"
Worksheets("ShotData master ver01").Select
    countrow = Cells(2, "A").End(xlDown).Row
    For Row = 2 To countrow
        CyTime = Worksheets("ShotData master ver01").Cells(Row, 1).Value
        If CyTime <= Score1 Then
            Worksheets("ShotData master ver01").Cells(Row, 1).Value = "Low"
        ElseIf CyTime >= Score2 And CyTime <= Score3 Then
            Worksheets("ShotData master ver01").Cells(Row, 1).Value = "Medium"
        ElseIf CyTime >= Score3 Then
            Worksheets("ShotData master ver01").Cells(Row, 1).Value = "High"
        End If
    Next Row
End Sub
Sub ShotPressure2()
Dim countrow As Integer

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Dim ShotPressure As String
Dim Score1 As String
Dim Score2 As String
Dim Score3 As String
Dim Score4 As String
Score1 = "122.000"
Score2 = "122.000"
Score3 = "130.000"
Score4 = "130.000"
Worksheets("ShotData master ver01").Select
    countrow = Cells(2, "B").End(xlDown).Row
    For Row = 2 To countrow
        ShotPressure = Worksheets("ShotData master ver01").Cells(Row, 2).Value
        If ShotPressure <= Score1 Then
            Worksheets("ShotData master ver01").Cells(Row, 2).Value = "Low"
        ElseIf ShotPressure >= Score2 And ShotPressure <= Score3 Then
            Worksheets("ShotData master ver01").Cells(Row, 2).Value = "Medium"
        ElseIf ShotPressure >= Score4 Then
            Worksheets("ShotData master ver01").Cells(Row, 2).Value = "High"
        End If
    Next Row
End Sub

Sub ShotRetract3()
Dim countrow As Integer
Dim ShotRetract As String
Dim Score1 As String
Dim Score2 As String
Dim Score3 As String
Dim Score4 As String

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Score1 = "60.000"
Score2 = "60.000"
Score3 = "64.000"
Score4 = "64.000"
Worksheets("ShotData master ver01").Select
    countrow = Cells(2, "C").End(xlDown).Row
    For Row = 2 To countrow
        ShotRetract = Worksheets("ShotData master ver01").Cells(Row, 3).Value
        If ShotRetract < Score1 Then
            Worksheets("ShotData master ver01").Cells(Row, 3).Value = "Low"
        ElseIf ShotRetract >= Score2 And ShotRetract <= Score3 Then
            Worksheets("ShotData master ver01").Cells(Row, 3).Value = "Medium"
        ElseIf ShotRetract > Score4 Then
            Worksheets("ShotData master ver01").Cells(Row, 3).Value = "High"
        End If
    Next Row
End Sub

Sub TopMoldTemp4()
    Dim countrow As Integer
    Dim TopMoldTemp As String
    Dim Score1 As String
    Dim Score2 As String
    Dim Score3 As String
    Dim Score4 As String
    Score1 = "62.000"
    Score2 = "62.000"
    Score3 = "73.000"
    Score4 = "73.000"
    Worksheets("ShotData master ver01").Select

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countrow = Cells(2, "D").End(xlDown).Row
For Row = 2 To countrow
    TopMoldTemp = Worksheets("ShotData master ver01").Cells(Row, 4).Value
    If TopMoldTemp <= Score1 Then
        Worksheets("ShotData master ver01").Cells(Row, 4).Value = "Low"
    ElseIf TopMoldTemp >= Score2 And TopMoldTemp <= Score3 Then
        Worksheets("ShotData master ver01").Cells(Row, 4).Value = "Medium"
    ElseIf TopMoldTemp > Score4 Then
        Worksheets("ShotData master ver01").Cells(Row, 4).Value = "High"
    End If
Next Row
End Sub

Sub LowerMoldTemp5()
    Dim countrow As Integer
    Dim LowerMoldTemp As String
    Dim Score1 As String
    Dim Score2 As String
    Dim Score3 As String
    Dim Score4 As String
    Score1 = "65.000"
    Score2 = "65.000"
    Score3 = "100.000"
    Score4 = "100.000"
    Worksheets("ShotData master ver01").Select
    countrow = Cells(2, "E").End(xlDown).Row
    For Row = 2 To countrow
        LowerMoldTemp = Worksheets("ShotData master ver01").Cells(Row, 5).Value
        If LowerMoldTemp <= Score1 Then
            Worksheets("ShotData master ver01").Cells(Row, 5).Value = "Low"

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Elseif LowerMoldTemp = Score2 Or LowerMoldTemp < Score3 Then
Worksheets("ShotData master ver01").Cells(Row, 5).Value = "Medium"
Elseif LowerMoldTemp > Score4 Then
Worksheets("ShotData master ver01").Cells(Row, 5).Value = "High"
End If
Next Row
End Sub

Sub AluminumTemp6()
Dim countrow As Integer
Dim AluminumTemp As String
Dim Score1 As String
Dim Score2 As String
Dim Score3 As String
Dim Score4 As String
Score1 = "1256.000"
Score2 = "1256.000"
Score3 = "1286.000"
Score4 = "1286.000"
Worksheets("ShotData master ver01").Select
    countrow = Cells(2, "F").End(xlDown).Row
    For Row = 2 To countrow
        AluminumTemp = Worksheets("ShotData master ver01").Cells(Row, 6).Value
        If AluminumTemp <= Score1 Then
            Worksheets("ShotData master ver01").Cells(Row, 6).Value = "Low"
        Elseif AluminumTemp >= Score2 And AluminumTemp <= Score3 Then
            Worksheets("ShotData master ver01").Cells(Row, 6).Value = "Medium"
        Elseif AluminumTemp > Score4 Then
            Worksheets("ShotData master ver01").Cells(Row, 6).Value = "High"
        End If
    End For
End Sub

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    Next Row

End Sub

Sub AccumulatorPressure7()

Dim countrow As Integer

Dim AccumulatorPressure As String

Dim Score1 As String

Dim Score2 As String

Dim Score3 As String

Dim Score4 As String

Score1 = "122.000"

Score2 = "122.000"

Score3 = "127.000"

Score4 = "127.000"

Worksheets("ShotData master ver01").Select

    countrow = Cells(2, "G").End(xlDown).Row

    For Row = 2 To countrow

        AccumulatorPressure = Worksheets("ShotData master ver01").Cells(Row, 7).Value

        If AccumulatorPressure <= Score1 Then

            Worksheets("ShotData master ver01").Cells(Row, 7).Value = "Low"

        ElseIf AccumulatorPressure >= Score2 And AccumulatorPressure <= Score3 Then

            Worksheets("ShotData master ver01").Cells(Row, 7).Value = "Medium"

        ElseIf AccumulatorPressure > Score4 Then

            Worksheets("ShotData master ver01").Cells(Row, 7).Value = "High"

        End If

    Next Row

End Sub

Sub ShotVelocity8()

Dim countrow As Integer

Dim ShotVelocity As String

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Dim Score1 As String
Dim Score2 As String
Dim Score3 As String
Dim Score4 As String
Score1 = "22.000"
Score2 = "22.000"
Score3 = "30.000"
Score4 = "30.000"
Worksheets("ShotData master ver01").Select
    countrow = Cells(2, "H").End(xlDown).Row
    For Row = 2 To countrow
        ShotVelocity = Worksheets("ShotData master ver01").Cells(Row, 8).Value
        If ShotVelocity <= Score1 Then
            Worksheets("ShotData master ver01").Cells(Row, 8).Value = "Low"
        ElseIf ShotVelocity >= Score2 And ShotVelocity <= Score3 Then
            Worksheets("ShotData master ver01").Cells(Row, 8).Value = "Medium"
        ElseIf ShotVelocity > Score4 Then
            Worksheets("ShotData master ver01").Cells(Row, 8).Value = "High"
        End If
    Next Row
End Sub
```