Relevant code for correctly functioning Workbook:

ThisWorkbook:

Private Sub Workbook\_Open()

On Error Resume Next

Application.DisplayAlerts = False

If ActiveWorkbook.AutoSaveOn = True Then

ActiveWorkbook.AutoSaveOn = False

Else

'placeholder

End If

'Unhide all worksheets

Application.ScreenUpdating = False

If Application.CommandBars("Ribbon").Height > 100 Then

Application.CommandBars.ExecuteMso "MinimizeRibbon"

Else

'Placeholder

End If

Call ShowAllSheets

Call Printer\_set

Call End\_Users\_Load

Application.ScreenUpdating = False

' Settings for Cal sheet

Sheets("Cal").Select

ActiveWindow.DisplayHeadings = False

ActiveWindow.Zoom = 100

Range("H9").Value = "" 'Display resolution value

Range("ZZ95").Value = 0 'Print signal indicator (present only when printing)

Range("ZZ96").Value = 0 '(last saved) version file name data

Range("ZZ99").Value = 0 ' Worksheet print version

Range("ZZ100").Value = 0 'Bypass pre-print checks

Range("O12:O16").Value = 0 'Calibration checklist

'Clear fluctuation values

Range("P20:P31").Value = ""

Range("X20:X31").Value = ""

'Clear weight results values

Range("V20:V31").Value = 0

Range("AD20:AD31").Value = 0

Range("A34").Value = "" 'Comments area

'Set buttons/values (for Non-Standard values)

ActiveSheet.Shapes("Load Values Button").Visible = False

ActiveSheet.Shapes("Load Nominals Button").Visible = False

ActiveSheet.Shapes("Non-Standard Button").Visible = True

ActiveSheet.Range("C10").Value = ""

ActiveSheet.Range("N10").Value = ""

'Load formulas for file naming into relevant cells - Cal

Dim sFormula2b As String

Dim sFormula5b As String

Dim sFormula6b As String

Dim sFormula7b As String

Dim sFormula93b As String

Dim sFormula94b As String

Dim sFormula97b As String

Dim sFormula98b As String

sFormula2b = "=CONCATENATE(N5,N6,N7)"

sFormula5b = "=IF(C6<>""N/A"","" - ""&C6,"""")"

sFormula6b = "=IF(H6<>""N/A"","" - #""&H6,"""")"

sFormula7b = "=IF(N10<>"""","" - ""&N10,"""")"

sFormula93b = "=IF(ISNUMBER(SEARCH(""70"",H3)),7,IF(ISNUMBER(SEARCH(""50"",H3)),5,IF(ISNUMBER(SEARCH(""30"",H3)),3,IF(ISNUMBER(SEARCH(""20"",H3)),2,IF(ISNUMBER(SEARCH(""15"",H3)),1.5,IF(ISNUMBER(SEARCH(""08"",H3)),0.8,IF(ISNUMBER(SEARCH(""005"",H3)),0.05,IF(ISNUMBER(SEARCH(""SE"",H3)),3,""""))))))))"

sFormula94b = "=IF(OR(ISNUMBER(SEARCH(""005"",H3)),(ISNUMBER(SEARCH(""08"",H3)))),20,IF(AND(ISNUMBER(SEARCH(""30"",H3)),(ISNUMBER(SEARCH(""J"",H3)))),400,IF(OR(ISNUMBER(SEARCH(""15"",H3)),(ISNUMBER(SEARCH(""20"",H3))),(ISNUMBER(SEARCH(""30"",H3))),(ISNUMBER(SEARCH(""SE"",H3)))),200,IF(OR(ISNUMBER(SEARCH(""50"",H3)),(ISNUMBER(SEARCH(""70"",H3)))),1000,""""))))"

sFormula97b = "=CONCATENATE(""Y""&TEXT(H1,""yy""),""M""&TEXT(H1,""mm""),""D""&TEXT(H1,""dd""),"" - ""&C1,"" - ""&H3,"" - ""&H5,N2,"" - CCW Calibration Certificate"")"

sFormula98b = "=(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(ZZ97,""/"",""-""),""\"",""-""),""|"",""-""))"

Range("N2").Formula = sFormula2b

Range("N5").Formula = sFormula5b

Range("N6").Formula = sFormula6b

Range("N7").Formula = sFormula7b

Range("ZZ93").Formula = sFormula93b

Range("ZZ94").Formula = sFormula94b

Range("ZZ97").Formula = sFormula97b

Range("ZZ98").Formula = sFormula98b

' Settings for Worksheet sheet

Sheets("Worksheet").Select

ActiveWindow.Zoom = 100

ActiveWindow.DisplayHeadings = False

ActiveSheet.Shapes("Printer Symbol - Main").Visible = False

Range("B1").Value = "Start typing then use drop-down"

Range("B4").Value = "" ' Service Engineer

'Clear value image paste in Summary area

Range("J41").Value = "0"

'Clear value of 'fields completed' indicators

Range("J45:K160").Value = 0

'Clear value image pastes in letter pages

Range("J174:J175").Value = "0"

'Clear value of 'Print\_To\_PDF' indicator (ZZ95)

Range("ZZ95").Value = 0

'Clear (last saved) version file name data (ZZ96)

Range("ZZ96").Value = 0

'Re-zero version number

Range("ZZ99").Value = 0 ' Worksheet print version

Range("ZZ100").Value = 0 ' Bypass the pre-print checks

Range("YY1").Value = 0 'Amend Date process value

Range("ZZ7").Value = Date

ActiveSheet.Shapes("Infill 1").Visible = False

ActiveSheet.Shapes("Infill 2").Visible = False

Range("J217").Value = 0 'Page 5 image description text box check

Range("J263").Value = 0 'Page 6 image description text box check

'Hide 'Undo Paste and Text Box' buttons

ActiveSheet.Shapes("Butt\_Undo\_1").Visible = False

ActiveSheet.Shapes("Butt\_Undo\_2").Visible = False

ActiveSheet.Shapes("Butt\_Undo\_3").Visible = False

ActiveSheet.Shapes("Butt\_Undo\_4").Visible = False

ActiveSheet.Shapes("Butt\_Undo\_5").Visible = False

ActiveSheet.Shapes("Butt\_Undo\_6").Visible = False

ActiveSheet.Shapes("Butt\_Undo\_7").Visible = False

ActiveSheet.Shapes("Butt\_Undo\_8").Visible = False

Call S123Formulas

'Load formulas for file naming into relevant cells - Worksheet

Dim sFormula2 As String

Dim sFormula5 As String

Dim sFormula6 As String

Dim sFormula10 As String

Dim sFormula11 As String

Dim sFormula97 As String

Dim sFormula98 As String

sFormula2 = "=CONCATENATE(J5,J6)"

sFormula5 = "=IF(B6<>""N/A"","" - ""&B6,"""")"

sFormula6 = "=IF(G6<>""N/A"","" - #""&G6,"""")"

sFormula10 = "=TEXT(ZZ7,""dd"")"

sFormula11 = "=(ZZ8+1235)\*(ZZ8+5321)"

sFormula97 = "=CONCATENATE(""Y""&TEXT(G1,""yy""),""M""&TEXT(G1,""mm""),""D""&TEXT(G1,""dd""),"" - ""&B1,"" - ""&G3,"" - ""&G5,J2,"" - CCW Inspection Report"")"

sFormula98 = "=(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(ZZ97,""/"",""-""),""\"",""-""),""|"",""-""))"

Range("J2").Formula = sFormula2

Range("J5").Formula = sFormula5

Range("J6").Formula = sFormula6

Range("ZZ8").Formula = sFormula10

Range("ZZ9").Formula = sFormula11

Range("ZZ97").Formula = sFormula97

Range("ZZ98").Formula = sFormula98

Application.ScreenUpdating = False

With ActiveSheet.PageSetup

.Zoom = False

.FitToPagesWide = 1

.FitToPagesTall = False

.PaperSize = xlPaperA4

.LeftMargin = Application.CentimetersToPoints(1.3)

.RightMargin = Application.CentimetersToPoints(1.3)

.TopMargin = Application.CentimetersToPoints(1.7)

.BottomMargin = Application.CentimetersToPoints(1.4)

.HeaderMargin = Application.CentimetersToPoints(0.5)

.FooterMargin = Application.CentimetersToPoints(0.5)

End With

'Identifies printer 'Microsoft Print to PDF' and sets it and its port as 'Active Printer'.

MyPrinter = FindPrinter("Microsoft Print to PDF")

Application.ActivePrinter = MyPrinter

If InStr(Application.ActivePrinter, "Microsoft Print to PDF") > 0 Then

Else

MsgBox ("'Microsoft Print to PDF' driver NOT located." & vbCrLf & "" & vbCrLf & "Re-install/Enable 'Microsoft Print to PDF'.")

Exit Sub

End If

ActiveSheet.Range("B1").Select

Application.ScreenUpdating = True

End Sub

Private Sub Workbook\_BeforeSave(ByVal SaveAsUI As Boolean, Cancel As Boolean)

'Highlights to user that document is only to be printed to PDF.

Cancel = True

If ActiveWorkbook.AutoSaveOn = True Then

ActiveWorkbook.AutoSaveOn = False

Else

'placeholder

End If

'Automatically returns to main page and scrolls to where the 'Save to PDF' button is visible.

Sheets("Worksheet").Select

If (ActiveWindow.Zoom <> 100) Then

ActiveWindow.Zoom = 100

End If

ActiveWindow.ScrollRow = 1

ActiveWindow.ScrollColumn = 1

MsgBox ("Document only able to be printed to PDF." & vbCrLf & "" & vbCrLf & "Select 'Save to PDF' button located" & vbCrLf & "" & vbCrLf & "in upper right region of main page.")

Exit Sub

End Sub

Private Sub Workbook\_BeforeClose(Cancel As Boolean)

'Inhibits option of saving on close.

Me.Saved = True

End Sub

Private Sub Workbook\_BeforePrint(Cancel As Boolean)

'ZZ95 used to enable 'Print' function ONLY via 'Print\_to\_PDF' button (Module1) or 'Ctrl-p'.

'ZZ95 is given a value of 1 before print and is returned to zero after print.

If Range("ZZ95").Value = 1 Then

Cancel = False

Else

Cancel = True

'Automatically returns to main page and scrolls to where the 'Save to PDF' button is visible.

Sheets("Worksheet").Select

If (ActiveWindow.Zoom <> 100) Then

ActiveWindow.Zoom = 100

End If

ActiveWindow.ScrollRow = 10

ActiveWindow.ScrollColumn = 6

MsgBox ("Document only able to be printed to PDF." & vbCrLf & "" & vbCrLf & "Select 'Save to PDF' button located" & vbCrLf & "" & vbCrLf & "in upper right region of main page.")

Exit Sub

End If

End Sub

Private Sub CustomSave(Optional SaveAs As Boolean)

Dim ws As Worksheet, aWs As Worksheet, newFname As String

'Turn off screen flashing

Application.ScreenUpdating = False

'Record active worksheet

Set aWs = ActiveSheet

'Hide all sheets

Call HideAllSheets

'Save workbook directly or prompt for saveas filename

If SaveAs = True Then

newFname = Application.GetSaveAsFilename( \_

fileFilter:="Excel Files (\*.xls), \*.xls")

If Not newFname = "False" Then ThisWorkbook.SaveAs newFname

Else

ThisWorkbook.Save

End If

'Restore file to where user was

Call ShowAllSheets

aWs.Select

'Restore screen updates

Application.ScreenUpdating = True

End Sub

Private Sub HideAllSheets()

'Hide all worksheets except the macro welcome page

Dim ws As Worksheet

Worksheets("Macros").Visible = xlSheetVisible

For Each ws In ThisWorkbook.Worksheets

If Not ws.Name = "Macros" Then ws.Visible = xlSheetVeryHidden

'Sets each sheet to top of page and 100% Zoom

ActiveSheet.Range("A1").Select

If (ActiveWindow.Zoom <> 100) Then

ActiveWindow.Zoom = 100

End If

Next ws

Worksheets("Macros").Select

ActiveSheet.Range("ZZ200").Select

If (ActiveWindow.Zoom <> 100) Then

ActiveWindow.Zoom = 100

End If

End Sub

Private Sub ShowAllSheets()

'Show all worksheets except the macro welcome page

Dim ws As Worksheet

Application.ScreenUpdating = False

For Each ws In ThisWorkbook.Worksheets

If Not ws.Name = "Macros" Then ws.Visible = xlSheetVisible

Next ws

Worksheets("Macros").Visible = xlSheetVeryHidden

Worksheets("CustData").Visible = xlSheetVeryHidden

Application.ScreenUpdating = True

End Sub

**Module 5:**

Function IsFileOpen(ByVal File\_Path As String) As Boolean

Dim fileNum As Long, errNumber As Long

On Error Resume Next

fileNum = FreeFile()

Open File\_Path For Input Lock Read As #fileNum

Close fileNum

errNumber = Err

On Error GoTo 0

Select Case errNumber

Case 0

IsFileOpen = False

Case 53 'Error number 53 will be returned if the file does not (yet) exist.

IsFileOpen = False

Case 70

IsFileOpen = True

Case Else

Error errNumber

End Select

End Function

Sub PrintBoth()

Application.ScreenUpdating = False

If Sheets("Worksheet").Range("J152").Value <> 3 Then

CreateObject("WScript.Shell").Popup "Saving Inspection Report and Calibration documents combined.", 1, "Print to PDF Status:"

GoTo PDF

Else

Dim question As Integer

question = MsgBox("You have chosen to print Inspection Report ONLY." & vbCrLf & "" & vbCrLf & \_

"Would you like to include Calibration document?" & vbCrLf & "" & vbCrLf & \_

"Press 'Yes' to access checkbox for 'Perform CCW calibration'." & vbCrLf & "" & vbCrLf & \_

"Ensure checkbox is NOT marked as 'N/A'." & vbCrLf & "" & vbCrLf & \_

"Press 'No' to continue WITHOUT Calibration document.", vbQuestion + vbYesNo)

If question = vbYes Then

Application.ScreenUpdating = False

Sheets("Worksheet").Select

ActiveSheet.Range("A152:E152").Select

ActiveWindow.ScrollRow = 138

Application.ScreenUpdating = True

Sheets("Worksheet").Range("ZZ101").Value = 0

Sheets("Cal").Range("ZZ101").Value = 0

Exit Sub

Else

PDF:

Sheets("Worksheet").Range("ZZ101").Value = 1

Sheets("Cal").Range("ZZ101").Value = 1

Call Print\_To\_PDF

Sheets("Worksheet").Range("ZZ101").Value = 0

Sheets("Cal").Range("ZZ101").Value = 0

End If

End If

Application.ScreenUpdating = True

End Sub

Sub PrintCalOnly()

Sheets("Worksheet").Range("ZZ101").Value = 2

Sheets("Cal").Range("ZZ101").Value = 2

CreateObject("WScript.Shell").Popup "Saving Calibration document ONLY.", 1, "Print to PDF Status:"

Call Print\_To\_PDF

Sheets("Worksheet").Range("ZZ101").Value = 0

Sheets("Cal").Range("ZZ101").Value = 0

End Sub

Sub Print\_To\_PDF()

On Error GoTo ErrorHandler

Application.ScreenUpdating = False

If ActiveSheet.Name = "Worksheet" Or ActiveSheet.Name = "Cal" Then

GoTo PDF\_Type

Else

Cancel = True

Sheets("Worksheet").Select

ActiveWindow.Zoom = 100

ActiveWindow.ScrollRow = 1

ActiveWindow.ScrollColumn = 1

MsgBox ("Document only able to be printed to PDF." & vbCrLf & "" & vbCrLf & "Select 'Save to PDF' button located" & vbCrLf & "" & vbCrLf & "in upper right area of main page.")

End If

Exit Sub

If (ActiveWindow.Zoom <> 100) Then

ActiveWindow.Zoom = 100

End If

PDF\_Type:

With ActiveSheet.PageSetup

.Zoom = False

.FitToPagesWide = 1

.FitToPagesTall = False

.PaperSize = xlPaperA4

.LeftMargin = Application.CentimetersToPoints(1.3)

.RightMargin = Application.CentimetersToPoints(1.3)

.TopMargin = Application.CentimetersToPoints(1.7)

.BottomMargin = Application.CentimetersToPoints(1.4)

.HeaderMargin = Application.CentimetersToPoints(0.5)

.FooterMargin = Application.CentimetersToPoints(0.5)

End With

'Identifies printer 'Microsoft Print to PDF' and sets it and its port as 'Active Printer'.

MyPrinter = FindPrinter("Microsoft Print to PDF")

Application.ActivePrinter = MyPrinter

If InStr(Application.ActivePrinter, "Microsoft Print to PDF") > 0 Then

Else

MsgBox ("'Microsoft Print to PDF' driver NOT located." & vbCrLf & "" & vbCrLf & "Re-install/Enable 'Microsoft Print to PDF'.")

Exit Sub

End If

If ActiveSheet.Range("ZZ100").Value > 0 Then

GoTo PrePrint

End If

If ActiveSheet.Range("ZZ101").Value = 1 Then

GoTo Worksheet\_Checks

End If

If ActiveSheet.Range("ZZ101").Value = 2 Then

GoTo Cal\_Checks

End If

Worksheet\_Checks:

Sheets("Worksheet").Select

Application.ScreenUpdating = False

'Highlights to user which important data field has not yet been completed.

If ActiveSheet.Range("B1").Value = "" Or ActiveSheet.Range("B1").Value = "Start typing then use drop-down" Then

Cancel = True

ActiveSheet.Range("B1").Select

MsgBox ("Please fill in 'Customer (Name)' field before printing")

Exit Sub

End If

If ActiveSheet.Range("B2").Value = "" Then

Cancel = True

ActiveSheet.Range("B2").Select

MsgBox ("Please fill in 'Site Address' field before printing")

Exit Sub

End If

If ActiveSheet.Range("B3").Value = "" Then

Cancel = True

ActiveSheet.Range("B3").Select

MsgBox ("Please fill in '(Site) Contact' field before printing")

Exit Sub

End If

If ActiveSheet.Range("B4").Value = "" Then

Cancel = True

ActiveSheet.Range("B4").Select

MsgBox ("Please fill in 'Service Engineer' field before printing")

Exit Sub

End If

If ActiveSheet.Range("B5").Value = "" Then

Cancel = True

ActiveSheet.Range("B5").Select

MsgBox ("Please fill in 'FSR/SO/WBS No.' field before printing")

Exit Sub

End If

If ActiveSheet.Range("B6").Value = "" Then

Cancel = True

ActiveSheet.Range("B6").Select

MsgBox ("Prior to printing, please fill in 'Line Name' field." & vbCrLf & "" & vbCrLf & "If not applicable, enter 'N/A' from Drop-Down.")

Exit Sub

End If

If ActiveSheet.Range("B7").Value = "" Then

Cancel = True

ActiveSheet.Range("B7").Select

MsgBox ("Prior to printing, please fill in 'Packaging Machine' field." & vbCrLf & "" & vbCrLf & "If not applicable, enter 'N/A' from Drop-Down.")

Exit Sub

End If

If ActiveSheet.Range("G3").Value = "" Then

Cancel = True

ActiveSheet.Range("G3").Select

MsgBox ("Please fill in 'Model' field before printing")

Exit Sub

End If

If ActiveSheet.Range("G4").Value = "" Then

Cancel = True

ActiveSheet.Range("G4").Select

MsgBox ("Please fill in 'Job Number' field before printing")

Exit Sub

End If

If ActiveSheet.Range("G5").Value = "" Then

Cancel = True

ActiveSheet.Range("G5").Select

MsgBox ("Please fill in 'Serial Number' field before printing")

Exit Sub

End If

If ActiveSheet.Range("G6").Value = "" Then

Cancel = True

ActiveSheet.Range("G6").Select

MsgBox ("Prior to printing, please fill in 'Station Number' field." & vbCrLf & "" & vbCrLf & "If not applicable, enter 'N/A' from Drop-Down.")

Exit Sub

End If

If ActiveSheet.Range("G7").Value = "" Then

Cancel = True

ActiveSheet.Range("G7").Select

MsgBox ("Prior to printing, please fill in 'Packer Interlock' field." & vbCrLf & "" & vbCrLf & "If not applicable, enter 'N/A' from Drop-Down.")

Exit Sub

End If

If ActiveSheet.Range("L161").Value > 0 Then

Cancel = True

Dim Tell As String

Tell = "A" & ActiveSheet.Range("M42").Value & ":E" & ActiveSheet.Range("M42").Value

ActiveSheet.Range(Tell).Select

ActiveWindow.ScrollRow = ActiveSheet.Range("M44").Value

MsgBox ("Please complete applicable checkboxes for ALL Inspection/Testing criteria.")

Exit Sub

Else

'Placeholder

End If

Call ChkText5

If ActiveSheet.Range("J217").Value > 0 Then

ActiveSheet.Range("J217").Value = 0

Exit Sub

Else

'Placeholder

End If

Call ChkText6

If ActiveSheet.Range("J263").Value > 0 Then

ActiveSheet.Range("J263").Value = 0

Exit Sub

Else

'Placeholder

End If

'Checks image description text boxes when widescreen images have been used.

If ActiveSheet.Range("M170").Value > 0 Then

Cancel = True

Dim Tellb As String

Tellb = "A" & ActiveSheet.Range("M170").Value '& ":E" & ActiveSheet.Range("M170").Value

ActiveSheet.Range(Tellb).Select

ActiveWindow.ScrollRow = ActiveSheet.Range("M171").Value

MsgBox ("Please enter description for image.")

Exit Sub

Else

'Placeholder

End If

If Sheets("Worksheet").Range("J152").Value = 3 Then '#3 = Perform CCW calibration and complete document set to N/A

GoTo PrePrint

Else

End If

'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Cal\_Checks:

'MsgBox ("Worksheet Checks complete")

Sheets("Cal").Select

If ActiveSheet.Range("C1").Value = "" Then

Cancel = True

ActiveSheet.Range("C1").Select

MsgBox ("Please fill in 'Customer (Name)' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("C2").Value = "" Then

Cancel = True

ActiveSheet.Range("C2").Select

MsgBox ("Please fill in 'Site Address' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("C3").Value = "" Then

Cancel = True

ActiveSheet.Range("C3").Select

MsgBox ("Please fill in '(Site) Contact' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("C4").Value = "" Then

Cancel = True

ActiveSheet.Range("C4").Select

MsgBox ("Please fill in 'Service Engineer' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("C5").Value = "" Then

Cancel = True

ActiveSheet.Range("C5").Select

MsgBox ("Please fill in 'FSR/SO/WBS No.' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("C6").Value = "" Then

Cancel = True

ActiveSheet.Range("C6").Select

MsgBox ("Prior to printing, please fill in 'Line Name' field on main worksheet ." & vbCrLf & "" & vbCrLf & "If not applicable, enter 'N/A' from Drop-Down.")

Exit Sub

End If

If ActiveSheet.Range("H3").Value = "" Then

Cancel = True

ActiveSheet.Range("H3").Select

MsgBox ("Please fill in 'Model' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("H4").Value = "" Then

Cancel = True

ActiveSheet.Range("H4").Select

MsgBox ("Please fill in 'Job Number' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("H5").Value = "" Then

Cancel = True

ActiveSheet.Range("H5").Select

MsgBox ("Please fill in 'Serial Number' field on main worksheet before printing")

Exit Sub

End If

If ActiveSheet.Range("H6").Value = "" Then

Cancel = True

ActiveSheet.Range("H6").Select

MsgBox ("Prior to printing, please fill in 'Station Number' field on main worksheet." & vbCrLf & "" & vbCrLf & "If not applicable, enter 'N/A' from Drop-Down.")

Exit Sub

End If

If ActiveSheet.Range("H9").Value = "" Then

Cancel = True

ActiveSheet.Range("H9").Select

MsgBox ("Please fill in 'Resolution (g)' field before printing")

Exit Sub

End If

If ActiveSheet.Range("O12").Value < "1" \_

Or ActiveSheet.Range("O13").Value < "1" \_

Or ActiveSheet.Range("O14").Value < "1" \_

Or ActiveSheet.Range("O15").Value < "1" \_

Or ActiveSheet.Range("O16").Value < "1" Then

Cancel = True

MsgBox ("Please ensure applicable checkbox has been 'Checked' for each of the 'PERFORMANCE INSPECTION' criteria.")

Exit Sub

End If

If ActiveSheet.Range("A20").Value >= "1" And ActiveSheet.Range("B20").Value = "" Then

Cancel = True

ActiveSheet.Range("B20").Select

MsgBox ("Please record Span Test values for Head No. 1.")

Exit Sub

End If

If ActiveSheet.Range("A21").Value >= "1" And ActiveSheet.Range("B21").Value = "" Then

Cancel = True

ActiveSheet.Range("B21").Select

MsgBox ("Please record Span Test values for Head No. 2.")

Exit Sub

End If

If ActiveSheet.Range("A22").Value >= "1" And ActiveSheet.Range("B22").Value = "" Then

Cancel = True

ActiveSheet.Range("B22").Select

MsgBox ("Please record Span Test values for Head No. 3.")

Exit Sub

End If

If ActiveSheet.Range("A23").Value >= "1" And ActiveSheet.Range("B23").Value = "" Then

Cancel = True

ActiveSheet.Range("B23").Select

MsgBox ("Please record Span Test values for Head No. 4.")

Exit Sub

End If

If ActiveSheet.Range("A24").Value >= "1" And ActiveSheet.Range("B24").Value = "" Then

Cancel = True

ActiveSheet.Range("B24").Select

MsgBox ("Please record Span Test values for Head No. 5.")

Exit Sub

End If

If ActiveSheet.Range("A25").Value >= "1" And ActiveSheet.Range("B25").Value = "" Then

Cancel = True

ActiveSheet.Range("B25").Select

MsgBox ("Please record Span Test values for Head No. 6.")

Exit Sub

End If

If ActiveSheet.Range("A26").Value >= "1" And ActiveSheet.Range("B26").Value = "" Then

Cancel = True

ActiveSheet.Range("B26").Select

MsgBox ("Please record Span Test values for Head No. 7.")

Exit Sub

End If

If ActiveSheet.Range("A27").Value >= "1" And ActiveSheet.Range("B27").Value = "" Then

Cancel = True

ActiveSheet.Range("B27").Select

MsgBox ("Please record Span Test values for Head No. 8.")

Exit Sub

End If

If ActiveSheet.Range("A28").Value >= "1" And ActiveSheet.Range("B28").Value = "" Then

Cancel = True

ActiveSheet.Range("B28").Select

MsgBox ("Please record Span Test values for Head No. 9.")

Exit Sub

End If

If ActiveSheet.Range("A29").Value >= "1" And ActiveSheet.Range("B29").Value = "" Then

Cancel = True

ActiveSheet.Range("B29").Select

MsgBox ("Please record Span Test values for Head No. 10.")

Exit Sub

End If

If ActiveSheet.Range("A30").Value >= "1" And ActiveSheet.Range("B30").Value = "" Then

Cancel = True

ActiveSheet.Range("B30").Select

MsgBox ("Please record Span Test values for Head No. 11.")

Exit Sub

End If

If ActiveSheet.Range("A31").Value >= "1" And ActiveSheet.Range("B31").Value = "" Then

Cancel = True

ActiveSheet.Range("B31").Select

MsgBox ("Please record Span Test values for Head No. 12.")

Exit Sub

End If

If ActiveSheet.Range("F20").Value >= "1" And ActiveSheet.Range("G20").Value = "" Then

Cancel = True

ActiveSheet.Range("G20").Select

MsgBox ("Please record Span Test values for Head No. 13.")

Exit Sub

End If

If ActiveSheet.Range("F21").Value >= "1" And ActiveSheet.Range("G21").Value = "" Then

Cancel = True

ActiveSheet.Range("G21").Select

MsgBox ("Please record Span Test values for Head No. 14.")

Exit Sub

End If

If ActiveSheet.Range("F22").Value >= "1" And ActiveSheet.Range("G22").Value = "" Then

Cancel = True

ActiveSheet.Range("G22").Select

MsgBox ("Please record Span Test values for Head No. 15.")

Exit Sub

End If

If ActiveSheet.Range("F23").Value >= "1" And ActiveSheet.Range("G23").Value = "" Then

Cancel = True

ActiveSheet.Range("G23").Select

MsgBox ("Please record Span Test values for Head No. 16.")

Exit Sub

End If

If ActiveSheet.Range("F24").Value >= "1" And ActiveSheet.Range("G24").Value = "" Then

Cancel = True

ActiveSheet.Range("G24").Select

MsgBox ("Please record Span Test values for Head No. 17.")

Exit Sub

End If

If ActiveSheet.Range("F25").Value >= "1" And ActiveSheet.Range("G25").Value = "" Then

Cancel = True

ActiveSheet.Range("G25").Select

MsgBox ("Please record Span Test values for Head No. 18.")

Exit Sub

End If

If ActiveSheet.Range("F26").Value >= "1" And ActiveSheet.Range("G26").Value = "" Then

Cancel = True

ActiveSheet.Range("G26").Select

MsgBox ("Please record Span Test values for Head No. 19.")

Exit Sub

End If

If ActiveSheet.Range("F27").Value >= "1" And ActiveSheet.Range("G27").Value = "" Then

Cancel = True

ActiveSheet.Range("G27").Select

MsgBox ("Please record Span Test values for Head No. 20.")

Exit Sub

End If

If ActiveSheet.Range("F28").Value >= "1" And ActiveSheet.Range("G28").Value = "" Then

Cancel = True

ActiveSheet.Range("G28").Select

MsgBox ("Please record Span Test values for Head No. 21.")

Exit Sub

End If

If ActiveSheet.Range("F29").Value >= "1" And ActiveSheet.Range("G29").Value = "" Then

Cancel = True

ActiveSheet.Range("G29").Select

MsgBox ("Please record Span Test values for Head No. 22.")

Exit Sub

End If

If ActiveSheet.Range("F30").Value >= "1" And ActiveSheet.Range("G30").Value = "" Then

Cancel = True

ActiveSheet.Range("G30").Select

MsgBox ("Please record Span Test values for Head No. 23.")

Exit Sub

End If

If ActiveSheet.Range("F31").Value >= "1" And ActiveSheet.Range("G31").Value = "" Then

Cancel = True

ActiveSheet.Range("G31").Select

MsgBox ("Please record Span Test values for Head No. 24.")

Exit Sub

End If

'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

'MsgBox ("Checks Complete! Ready to Print!")

PrePrint:

'Setting up file/folder naming

Dim SF1 As String

Dim SF2 As String

Dim SF3 As String

Dim SF3a As String

Dim SF4 As String

Dim SF4a As String

Dim strFilename As String

Dim strFoldname As String

Dim strFilename\_cal As String

Dim strFoldname\_cal As String

SF1 = "C:\Users\"

SF2 = Environ("Username")

SF3 = "\Heat and Control, Inc\Domestic Service (AU) - Documents\Records\SER SI 02 Ishida CCW Inspection\"

SF3a = "\Heat and Control, Inc\Domestic Service (AU) - Documents\Records\SER CC 02 Ishida CCW Cal\"

SF4 = Sheets("Worksheet").Range("ZZ98").Value & ".pdf"

SF4a = Sheets("Cal").Range("ZZ98").Value & ".pdf"

strFilename = SF1 & SF2 & SF3 & SF4

strFoldname = SF1 & SF2 & SF3

strFilename\_cal = SF1 & SF2 & SF3a & SF4a

strFoldname\_cal = SF1 & SF2 & SF3a

If ActiveSheet.Range("ZZ101").Value = 2 Then 'Cal only selected

Sheets("Cal").Select

'Compares (last saved) version file name data (ZZ96) with current version file name data

Dim CompResultA As Integer

CompResultA = StrComp(Sheets("Cal").Range("ZZ97").Value, Sheets("Cal").Range("ZZ96").Value)

If CompResultA <> 0 Then

'Re-zero version number if comparison shows different version file name data

Sheets("Cal").Range("ZZ99").Value = 0

GoTo Print\_A

Else

End If

End If

If ActiveSheet.Range("ZZ101").Value = 1 Then 'All selected

Sheets("Worksheet").Select

'Compares (last saved) version file name data (ZZ96) with current version file name data

Dim CompResult As Integer

CompResult = StrComp(Sheets("Worksheet").Range("ZZ97").Value, Sheets("Worksheet").Range("ZZ96").Value)

If CompResult <> 0 Then

'Re-zero version number if comparison shows different version file name data

Sheets("Worksheet").Range("ZZ99").Value = 0

End If

End If

Print\_A:

If ActiveSheet.Range("ZZ101").Value = 2 Then 'Cal only selected

GoTo PrintCalOnly

Else

Sheets("Worksheet").Select

'Confirms if applicable directory/folder exists and, if NOT, makes the directory prior to saving the document.

If Len(Dir(strFoldname, vbDirectory)) = 0 Then

MkDir strFoldname

End If

'Checks if file is already open and shows message if it is. This stops errors from occurring.

Dim AskA As Long

AskA = IsFileOpen(strFilename)

If AskA = True Then

MsgBox ("File with identical name is OPEN!" & vbCrLf & "" & vbCrLf & \_

"Please close Adobe Acrobat Reader DC and/or document named:" & vbCrLf & "" & vbCrLf & \_

Sheets("Worksheet").Range("ZZ98").Value)

Exit Sub

Else

'Placeholder

End If

Call Banners

If Sheets("Worksheet").Range("J152").Value <> 3 Then '#3 = Perform CCW calibration and complete document set to N/A

Sheets(Array("Worksheet", "Cal")).Select

Else

'Placeholder

End If

Range("ZZ95").Value = 1

ActiveWindow.SelectedSheets.PrintOut Copies:=1, Collate:=True, PrToFileName:=strFilename, IgnorePrintAreas:=False

MsgBox ("PDF document successfully saved as" & vbCrLf & "" & vbCrLf & ActiveSheet.Range("ZZ98").Value & vbCrLf & "" & vbCrLf & "in 'SER SI 02 Ishida CCW Inspection' folder on 'Records' folder on Sharepoint drive.")

End If

Call HideBanners

Range("ZZ95").Value = 0

If ActiveSheet.Range("ZZ101").Value = 1 Then 'All selected

GoTo FileNameA

Else

'Placeholder

End If

PrintCalOnly:

If ActiveSheet.Range("ZZ101").Value = 2 Then 'Cal sheet only selected

Sheets("Cal").Select

'Confirms if applicable directory/folder exists and, if NOT, makes the directory prior to saving the document.

If Len(Dir(strFoldname\_cal, vbDirectory)) = 0 Then

MkDir strFoldname\_cal

End If

'Checks if file is already open and shows message if it is. This stops errors from occurring.

Dim AskB As Long

AskB = IsFileOpen(strFilename\_cal)

If AskB = True Then

MsgBox ("File with identical name is OPEN!" & vbCrLf & "" & vbCrLf & \_

"Please close Adobe Acrobat Reader DC and/or document named:" & vbCrLf & "" & vbCrLf & \_

ActiveSheet.Range("ZZ98").Value)

Exit Sub

Else

'Placeholder

End If

Range("ZZ95").Value = 1

ActiveWindow.SelectedSheets.PrintOut Copies:=1, Collate:=True, PrToFileName:=strFilename\_cal, IgnorePrintAreas:=False

MsgBox ("PDF document successfully saved as" & vbCrLf & "" & vbCrLf & ActiveSheet.Range("ZZ98").Value & vbCrLf & "" & vbCrLf & "in 'SER CC 02 Ishida CCW Cal' folder on 'Records' folder on Sharepoint drive.")

Range("ZZ95").Value = 0

GoTo FileNameB

Else

'Placeholder

End If

FileNameA:

'Copy and Paste Single Cell (Only text, no formulas) version file name data loaded for possible future comparison

If ActiveSheet.Range("ZZ101").Value = 1 Then 'All selected

Sheets("Worksheet").Select

Sheets("Worksheet").Range("ZZ97").Copy

Sheets("Worksheet").Range("ZZ96").PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks:=False, Transpose:=False

'Increments a number to allow for version numbering of saved documents.

With Sheets("Worksheet").Range("ZZ99")

.Value = .Value + 1

End With

End If

FileNameB:

'Copy and Paste Single Cell (Only text, no formulas) version file name data loaded for possible future comparison

If ActiveSheet.Range("ZZ101").Value = 2 Then 'Cal sheet Only selected

Sheets("Cal").Select

Sheets("Cal").Range("ZZ97").Copy

Sheets("Cal").Range("ZZ96").PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks:=False, Transpose:=False

'Increments a number to allow for version numbering of saved documents.

With Sheets("Cal").Range("ZZ99")

.Value = .Value + 1

End With

End If

'Clear value of 'Print\_To\_PDF' indicator (ZZ95)

Sheets("Worksheet").Range("ZZ95").Value = 0

Sheets("Worksheet").Range("ZZ100").Value = 0

Sheets("Cal").Range("ZZ95").Value = 0

Sheets("Cal").Range("ZZ100").Value = 0

'Used for 'Cal' print only.

If ActiveSheet.Range("ZZ101").Value = 2 Then 'Cal only selected

Sheets("Cal").Select

ActiveSheet.Shapes("Printer Symbol - Cal").Visible = False

ActiveSheet.Range("C1").Select

Dim pdfPath As String

pdfPath = strFilename\_cal

Call OpenAnyFile(pdfPath)

Else

'Used for Main or Combined Print

Sheets("Worksheet").Select

ActiveSheet.Shapes("Printer Symbol - Main").Visible = False

ActiveSheet.Range("B1").Select

Dim pdfPathA As String

pdfPathA = strFilename

Call OpenAnyFile(pdfPathA)

End If

Application.ScreenUpdating = True

Exit Sub

ErrorHandler:

Err.Clear

MsgBox ("Error occurred!!!!!")

Application.ScreenUpdating = True

Sheets("Worksheet").Select

Exit Sub

End Sub

Sub Banners()

If ActiveSheet.Range("J174").Value = 0 Then

If ActiveSheet.Shapes("Infill 1").Visible = False Then

ActiveSheet.Shapes("Infill 1").Visible = True

Else

ActiveSheet.Shapes("Infill 1").Visible = False

End If

End If

If ActiveSheet.Range("J175").Value = 0 Then

If ActiveSheet.Shapes("Infill 2").Visible = False Then

ActiveSheet.Shapes("Infill 2").Visible = True

Else

ActiveSheet.Shapes("Infill 2").Visible = False

End If

End If

End Sub

Sub HideBanners()

Sheets("Worksheet").Select

ActiveSheet.Shapes("Infill 1").Visible = False

ActiveSheet.Shapes("Infill 2").Visible = False

End Sub