Sub NEWMACRO()

Application.ScreenUpdating = False

Application.Calculation = xlCalculationManual

Dim ws As Worksheet

Dim newSheet As Worksheet

Dim filterCriteria As Variant

Set ws = ActiveWorkbook.Worksheets("Sheet1")

' Sort the data

With ws.SORT

.SortFields.Clear

.SortFields.Add Key:=ws.Range("O2:O15000"), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

.SortFields.Add Key:=ws.Range("T2:T15000"), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

.SetRange ws.Range("A1:CH15601")

.Header = xlYes

.MatchCase = False

.Orientation = xlTopToBottom

.SortMethod = xlPinYin

.Apply

End With

' Update headers and delete columns

ws.Range("O1").Value = "PDD"

ws.Range("C1").Value = "Org Qty"

ws.Range("D1").Value = "Rem Qty"

ws.Range("E1").Value = "NOTES"

ws.Columns("F:F").Delete Shift:=xlToLeft

ws.Range("F1").Value = "Ax12"

ws.Range("G1").Value = "Ax09"

ws.Range("H1").Value = "INV"

ws.Range("I1").Value = "All WHS"

ws.Range("J1").Value = "AX12 WIP"

ws.Range("K1").Value = "12 WIP"

ws.Range("L1").Value = "09 WIP"

ws.Columns("M:M").Delete Shift:=xlToLeft

ws.Range("Q1").Value = "SHC"

ws.Columns("Q:Q").Cut

ws.Columns("B:B").Insert Shift:=xlToRight

ws.Columns("B:B").EntireColumn.AutoFit

ws.Columns("S:T").Delete Shift:=xlToLeft

ws.Range("S1").Value = "BAAN"

ws.Columns("T:T").Delete Shift:=xlToLeft

ws.Range("T1").Value = "Org $"

ws.Range("U1").Value = "Rem $"

ws.Columns("V:W").Delete Shift:=xlToLeft

ws.Range("V1").Value = "Unit $"

ws.Columns("AB:AB").ColumnWidth = 30

ws.Range("AD1").Value = "RATING "

ws.Range("AE1").Value = "SLDC"

ws.Range("AF1").Value = "D/C rest "

ws.Range("AG1").Value = "LOT INFO "

ws.Range("AR1").Value = "DPA"

ws.Columns("AR:AR").Cut

ws.Columns("B:B").Insert Shift:=xlToRight

ws.Columns("Z:Z").Cut

ws.Columns("C:C").Insert Shift:=xlToRight

ws.Columns("AX:AX").ColumnWidth = 30

ws.Range("AX1").AutoFilter

ws.Range("$A$1:$CA$15000").AutoFilter Field:=50, Criteria1:="=\*CTR\*,\*SCD\*", Operator:=xlAnd

ws.Columns("AX:AX").Font.Color = -16776961

ws.Range("$A$1:$CA$15000").AutoFilter Field:=50

ws.Columns("AX:AX").Cut

ws.Columns("AH:AH").Insert Shift:=xlToRight

ws.Columns("BL:BM").Cut

ws.Columns("AB:AB").Insert Shift:=xlToRight

ws.Columns("AA:AK").Cut

ws.Columns("V:V").Insert Shift:=xlToRight

ws.Columns("Y:AD").ColumnWidth = 23.43

ws.Columns("A:O").EntireColumn.AutoFit

ws.Columns("V:V").EntireColumn.AutoFit

ws.Columns("T:T").EntireColumn.AutoFit

ws.Columns("H:H").ColumnWidth = 19.71

' Filter and copy data for PE18, PE30, PE34, PE39

filterCriteria = Array("PE18", "PE30", "PE34", "PE39")

ws.Range("$A$1:$CA$15000").AutoFilter Field:=1, Criteria1:=filterCriteria, Operator:=xlFilterValues

ws.UsedRange.Copy

Set newSheet = Sheets.Add(After:=ws)

newSheet.Name = "ALL JANS"

newSheet.Paste

' Filter and copy data for PE22, PE23, PE29, PE31, PE32, PE35, PE36, PE38

filterCriteria = Array("PE22", "PE23", "PE29", "PE31", "PE32", "PE35", "PE36", "PE38")

ws.Range("$A$1:$CA$15000").AutoFilter Field:=1, Criteria1:=filterCriteria, Operator:=xlFilterValues

ws.UsedRange.Copy

Set newSheet = Sheets.Add(After:=ws)

newSheet.Name = "METAL"

newSheet.Paste

' Filter and copy data for PE21

ws.Range("$A$1:$CA$15000").AutoFilter Field:=1, Criteria1:="PE21"

ws.UsedRange.Copy

Set newSheet = Sheets.Add(After:=ws)

newSheet.Name = "Modules"

newSheet.Paste

' Filter and copy data for PE06A, PE06C, PE06C, PE06AS, PE06ES

filterCriteria = Array("PE06A", "PE06C", "PE06C", "PE06AS", "PE06ES")

ws.Range("$A$1:$CA$15000").AutoFilter Field:=1, Criteria1:=filterCriteria, Operator:=xlFilterValues

ws.UsedRange.Copy

Set newSheet = Sheets.Add(After:=ws)

newSheet.Name = "RECTIFIERS"

newSheet.Paste

Application.ScreenUpdating = True

Application.Calculation = xlCalculationAutomatic

End Sub