MANUAL TÉCNICO

Para el ingreso y salida de la información se creo los siguientes formularios:

frmmolinos
frmpurificacions
frmclarificación
frmcristalizacion
frmevaporacion
frmcristalizacion
frmmasaca
frmmasacb
frmmasacc
frmptempla
frmsecadora
frmreportejugo
frmreportemc
frmreportepcachaza
frmreportepe
frmreporteperdidam
frmreporteperdidas
frmfiltro
frmresumen
frmlogin
frmdiagrama

Estos son los principales para calcular los flujos se utilizó los siguientes módulos:

Asignarbasededatos

```
Public cadenas As String
Public cn As ADODB.Connection ' Creamos un objeto Conexión
Public rs As ADODB.Recordset ' Creamos un objeto recordset
Public rs_parti As ADODB.Recordset
Public cn_parti As ADODB.Connection

Function abrirbdb()
   cadenas =
"PROVIDER=SQLOLEDB.1;DATABASE=Balance;SERVER=HOGAR;UID=Servidor
;PWD=admin;"
End Function

Function asignardatos()
Dim aux, aux1 As Variant
Set cn_parti = New ADODB.Connection
Set rs_parti = New ADODB.Recordset
cn_parti.Open cadenas
rs_parti.Source = "SELECT * FROM PARAMETROS"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
aux = 0
While Not rs_parti.EOF
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   aux1 = CSng(rs_parti.Fields(0))
   If aux < aux1 Then
     aux = aux1
     rs_parti.MoveNext
   Else
       rs_parti.MoveNext
   End If
Wend

rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmmolinos.Text8(9)
    rs_parti.Fields(2) = frmmolinos.Text8(10)
    rs_parti.Fields(3) = frmmolinos.Text8(11)
    rs_parti.Fields(4) = frmmolinos.Text8(0)
    rs_parti.Fields(5) = frmmolinos.Text8(5)
    rs_parti.Fields(6) = frmmolinos.Text8(3)
    rs_parti.Fields(7) = frmmolinos.Text8(2)
    rs_parti.Fields(8) = frmmolinos.Text8(1)
    rs_parti.Fields(9) = frmmolinos.Text8(4)
    rs_parti.Fields(10) = frmmolinos.Text8(7)
    rs_parti.Fields(11) = frmmolinos.Text8(8)
    rs_parti.Fields(12) = frmmolinos.Text8(6)
    rs_parti.Fields(13) = A
    rs_parti.Fields(14) = jm
    rs_parti.Fields(15) = pjm1
    rs_parti.Fields(16) = bjm
    If bjm Then
       rs_parti.Fields(17) = pjm1 / bjm
    End If
    rs_parti.Fields(18) = a20
    rs_parti.Update
    rs_parti.Close

'kg fibra húmeda/kg bagazo
'cn_parti.Open cadenas
rs_parti.Source = "SELECT * FROM kgfibra"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmmolinos.Text1(0)
    rs_parti.Fields(2) = frmmolinos.Text1(1)
    rs_parti.Fields(3) = frmmolinos.Text1(2)
    rs_parti.Fields(4) = frmmolinos.Text1(3)
    rs_parti.Fields(5) = frmmolinos.Text1(4)
    rs_parti.Fields(6) = frmmolinos.Text1(5)
    rs_parti.Fields(7) = frmmolinos.Text1(6)
    rs_parti.Fields(8) = frmmolinos.Text1(7)
    rs_parti.Update
    rs_parti.Close
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'Flujos en Ton/h
rs_parti.Source = "SELECT * FROM corrientesm"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmmolinos.text2(0)
   rs_parti.Fields(2) = frmmolinos.text2(1)
   rs_parti.Fields(3) = frmmolinos.text2(2)
   rs_parti.Fields(4) = frmmolinos.text2(3)
   rs_parti.Fields(5) = frmmolinos.text2(4)
   rs_parti.Fields(6) = frmmolinos.text2(5)
   rs_parti.Fields(7) = frmmolinos.text2(6)
   rs_parti.Fields(8) = frmmolinos.text2(7)
   rs_parti.Fields(9) = frmmolinos.text2(8)
   rs_parti.Fields(10) = frmmolinos.text2(9)
   rs_parti.Update
   rs_parti.Close

'kg fibra seca/kg bagazo
rs_parti.Source = "SELECT * FROM kgfibrakgbagazo"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = b2
   rs_parti.Fields(2) = b3
   rs_parti.Fields(3) = b4
   rs_parti.Fields(4) = b5
   rs_parti.Fields(5) = b6
   rs_parti.Fields(6) = b7
   rs_parti.Fields(7) = b8
   rs_parti.Fields(8) = b9
   rs_parti.Update
   rs_parti.Close

'kg fibra seca/kg bagazo
rs_parti.Source = "SELECT * FROM flujosmolinos"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = A
   rs_parti.Fields(2) = J
   rs_parti.Fields(3) = Z
   rs_parti.Fields(4) = L
   rs_parti.Fields(5) = F
   rs_parti.Fields(6) = bI1
   rs_parti.Fields(7) = i
   rs_parti.Fields(8) = O
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    rs_parti.Fields(9) = O1
    rs_parti.Fields(10) = H
    rs_parti.Fields(11) = B
    rs_parti.Fields(12) = C
    rs_parti.Fields(13) = G
    rs_parti.Fields(14) = E
    rs_parti.Fields(15) = bE
    rs_parti.Update
rs_parti.Close

'molinos
rs_parti.Source = "SELECT * FROM molinos"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = m0
    rs_parti.Fields(2) = m1
    rs_parti.Fields(3) = m2
    rs_parti.Fields(4) = m3
    rs_parti.Fields(5) = m4
    rs_parti.Fields(6) = m5
    rs_parti.Update
    rs_parti.Close


'sulfitación
rs_parti.Source = "SELECT * FROM sulfitacion"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmpurificacions.Text1(0)
    rs_parti.Fields(2) = frmpurificacions.Text1(1)
    rs_parti.Fields(3) = c1
    rs_parti.Fields(4) = c2
    rs_parti.Fields(5) = c3
    rs_parti.Fields(6) = c4
   ' rs_parti.Fields(7) = c3 / c4
rs_parti.Update
rs_parti.Close

'encalado
rs_parti.Source = "SELECT * FROM encalado"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmpurificacions.text2(0)
    rs_parti.Fields(2) = frmpurificacions.text2(1)
    rs_parti.Fields(3) = frmpurificacions.text2(2)
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    rs_parti.Fields(4) = frmpurificacions.text2(3)
    rs_parti.Fields(5) = frmpurificacions.text2(4)
    rs_parti.Fields(6) = d1
    rs_parti.Fields(7) = d2
    rs_parti.Fields(8) = d3
    rs_parti.Fields(9) = d4
    rs_parti.Fields(10) = d5
    rs_parti.Fields(11) = d6
    rs_parti.Fields(12) = d7
   ' rs_parti.Fields(13) = d8
rs_parti.Update
rs_parti.Close

'clarificacion
rs_parti.Source = "SELECT * FROM clarificacion"
'Set rs_parti.ActiveConnection = cn_parti
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmclarificacion.Text1(0)
    rs_parti.Fields(2) = frmclarificacion.Text1(1)
    rs_parti.Fields(3) = frmclarificacion.text2(0)
    rs_parti.Fields(4) = e1
    rs_parti.Fields(5) = e2
    rs_parti.Fields(6) = e3
    rs_parti.Fields(7) = e4
    rs_parti.Fields(8) = e5
rs_parti.Fields(9) = e6
rs_parti.Update
rs_parti.Close

'filstrocachaza
rs_parti.Source = "SELECT * FROM filtrocachaza"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmclarificacion.Text5(0)
    rs_parti.Fields(2) = frmclarificacion.Text5(1)
    rs_parti.Fields(3) = f0
    rs_parti.Fields(4) = f1
    rs_parti.Fields(5) = f2
    rs_parti.Fields(6) = f3
    rs_parti.Fields(7) = f4
    rs_parti.Fields(8) = f5
    rs_parti.Fields(9) = f6
    rs_parti.Fields(10) = f7
    rs_parti.Fields(11) = f8
    rs_parti.Fields(12) = f9
    rs_parti.Fields(13) = f10
    rs_parti.Fields(14) = f11
    rs_parti.Fields(15) = f13
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rs_parti.Update
rs_parti.Close

'vaporvapre
rs_parti.Source = "SELECT * FROM vaporvapre"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
'    rs_parti.Fields(1) = frmvaporvapre.Text1(0)
'    rs_parti.Fields(2) = frmvaporvapre.Text1(1)
'    rs_parti.Fields(3) = frmvaporvapre.Text1(2)
'    rs_parti.Fields(4) = frmvaporvapre.Text1(3)
   rs_parti.Fields(6) = f7
   rs_parti.Fields(7) = g1
   rs_parti.Fields(8) = g2
rs_parti.Update
rs_parti.Close

'cb4evaporadores
rs_parti.Source = "SELECT * FROM bsalidapre"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmevaporadores.Text1(0)
   rs_parti.Fields(2) = frmevaporadores.Text1(1)
   rs_parti.Fields(3) = frmevaporadores.Text1(2)
   rs_parti.Fields(4) = frmevaporadores.Text1(3)
   rs_parti.Fields(5) = frmevaporadores.Text1(4)
   rs_parti.Fields(6) = frmevaporadores.text2(0)
   rs_parti.Fields(7) = frmevaporadores.text2(1)
   rs_parti.Fields(8) = frmevaporadores.text2(2)
   rs_parti.Fields(9) = frmevaporadores.text2(3)
   rs_parti.Fields(10) = frmevaporadores.text2(4)
   rs_parti.Fields(11) = g4
   rs_parti.Fields(12) = g5
   rs_parti.Fields(13) = g6
   rs_parti.Fields(14) = g7
   rs_parti.Fields(15) = g8
   rs_parti.Fields(16) = g9
   rs_parti.Fields(17) = g10
   rs_parti.Fields(18) = g11
   rs_parti.Fields(19) = g12
   rs_parti.Fields(20) = g13
   rs_parti.Fields(21) = g14
   rs_parti.Fields(22) = g15
   rs_parti.Fields(23) = g16
   rs_parti.Fields(24) = g17
   rs_parti.Fields(25) = g18
   rs_parti.Fields(26) = g19
   rs_parti.Fields(27) = g20
   rs_parti.Fields(28) = g21
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    rs_parti.Fields(29) = g22
    rs_parti.Fields(30) = g23
    rs_parti.Fields(31) = g24
    rs_parti.Fields(32) = g25
    rs_parti.Fields(33) = g26
    rs_parti.Fields(34) = g27
    rs_parti.Fields(35) = g28
rs_parti.Update
rs_parti.Close

'condensador barométrico 4 evaporador
'rs_parti.Source = "SELECT * FROM cb4evaporador"
'rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
'rs_parti.AddNew
'    rs_parti.Fields(0) = aux + 1
'    rs_parti.Fields(1) = CSng(frmcbarometrico4e.Text1(0))
'    rs_parti.Fields(2) = frmcbarometrico4e.Text1(1)
'    rs_parti.Fields(3) = frmcbarometrico4e.Text1(2)
'    rs_parti.Fields(4) = frmcbarometrico4e.Text1(3)
'    rs_parti.Fields(5) = frmcbarometrico4e.Text1(4)
'    rs_parti.Fields(6) = h2
'    rs_parti.Fields(7) = h3
'rs_parti.Update
'rs_parti.Close

'clarificador meladura
rs_parti.Source = "SELECT * FROM clarificadormeladura"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmevaporadores.Text11(0)
    rs_parti.Fields(2) = frmevaporadores.Text11(1)
    rs_parti.Fields(3) = frmevaporadores.Text11(2)
    rs_parti.Fields(4) = frmevaporadores.Text11(3)
    rs_parti.Fields(5) = frmevaporadores.Text11(4)
    rs_parti.Fields(6) = frmevaporadores.Text11(5)
    rs_parti.Fields(7) = frmevaporadores.Text11(6)
    rs_parti.Fields(8) = frmevaporadores.Text11(7)
    rs_parti.Fields(9) = frmevaporadores.Text11(8)
    rs_parti.Fields(10) = h8
    rs_parti.Fields(11) = h9
    rs_parti.Fields(12) = h10
    rs_parti.Fields(13) = h11
    rs_parti.Fields(14) = h12
    rs_parti.Fields(15) = h14
    rs_parti.Fields(16) = h15
    rs_parti.Fields(17) = h16
    rs_parti.Fields(18) = h17
rs_parti.Update
rs_parti.Close
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```
'cantidad de azucar refundida por masa y se alimen en la mca
rs_parti.Source = "SELECT * FROM cantazucarrefundida"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmcristalizacion.Text8(0)
   rs_parti.Fields(2) = frmcristalizacion.Text8(1)
   rs_parti.Fields(3) = frmcristalizacion.Text8(2)
   rs_parti.Fields(4) = frmcristalizacion.Text8(3)
   rs_parti.Fields(5) = frmcristalizacion.Text8(4)
   rs_parti.Fields(6) = frmcristalizacion.Text8(5)
   rs_parti.Fields(7) = frmcristalizacion.Text8(6)
   rs_parti.Fields(8) = i2
   rs_parti.Fields(9) = i6
   rs_parti.Fields(10) = i7
   rs_parti.Fields(11) = i8
   rs_parti.Fields(12) = i9
rs_parti.Update
rs_parti.Close

'caidas de pureza
rs_parti.Source = "SELECT * FROM caidaspureza"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmcristalizacion.Text9(0)
   rs_parti.Fields(2) = frmcristalizacion.Text9(1)
   rs_parti.Fields(3) = frmcristalizacion.Text9(2)
   rs_parti.Fields(4) = frmcristalizacion.Text9(3)
rs_parti.Update
rs_parti.Close

'aumentos de pureza
rs_parti.Source = "SELECT * FROM aumentospureza"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmcristalizacion.Text10(0)
   rs_parti.Fields(2) = frmcristalizacion.Text9(1)
   rs_parti.Fields(3) = frmcristalizacion.Text9(2)
rs_parti.Update
rs_parti.Close

'prevaporacionjarabe
rs_parti.Source = "SELECT * FROM prevaporacionjarabe"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   'rs_parti.Fields(1) = frmpreevaporacionj.Text1
   rs_parti.Fields(2) = j4
   rs_parti.Fields(3) = j5
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    rs_parti.Fields(4) = j6
    rs_parti.Fields(5) = j7
rs_parti.Update
rs_parti.Close

'cristalizacion brix
rs_parti.Source = "SELECT * FROM cristalizacion"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmcristalizacion.Text1(0)
    rs_parti.Fields(2) = frmcristalizacion.Text1(1)
    rs_parti.Fields(3) = frmcristalizacion.Text1(2)
    rs_parti.Fields(4) = frmcristalizacion.Text1(3)
    rs_parti.Fields(5) = frmcristalizacion.Text1(4)
    rs_parti.Fields(6) = frmcristalizacion.Text1(5)
    rs_parti.Fields(7) = frmcristalizacion.Text1(6)
    rs_parti.Fields(8) = frmcristalizacion.Text1(7)
    rs_parti.Fields(9) = frmcristalizacion.Text1(8)
    rs_parti.Fields(10) = frmcristalizacion.Text1(9)
    rs_parti.Fields(11) = frmcristalizacion.Text1(10)
    rs_parti.Fields(12) = frmcristalizacion.Text1(11)
rs_parti.Update
rs_parti.Close

'cristalizacion pureza
rs_parti.Source = "SELECT * FROM cristalizacionprz"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmcristalizacion.text2(0)
    rs_parti.Fields(2) = frmcristalizacion.text2(1)
    rs_parti.Fields(3) = frmcristalizacion.text2(2)
    rs_parti.Fields(4) = frmcristalizacion.text2(3)
    rs_parti.Fields(5) = j10
    rs_parti.Fields(6) = j11
    rs_parti.Fields(7) = j12
    rs_parti.Fields(8) = j13
    rs_parti.Fields(9) = j14
    rs_parti.Fields(10) = j15
    rs_parti.Fields(11) = j16
    rs_parti.Fields(12) = j17
    rs_parti.Fields(13) = j18
rs_parti.Update
rs_parti.Close

'cristalizacion pol
rs_parti.Source = "SELECT * FROM cristalizacionp"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
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    rs_parti.Fields(1) = j20
    rs_parti.Fields(2) = j21
    rs_parti.Fields(3) = j22
    rs_parti.Fields(4) = j23
    rs_parti.Fields(5) = j24
    rs_parti.Fields(6) = j25
    rs_parti.Fields(7) = j26
    rs_parti.Fields(8) = j27
    rs_parti.Fields(9) = j28
    rs_parti.Fields(10) = j29
    rs_parti.Fields(11) = j30
    rs_parti.Fields(12) = j19
rs_parti.Update
rs_parti.Close

'cristalizacion pureza
rs_parti.Source = "SELECT * FROM cristalizaciondensidad"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmcristalizacion.Text3(0)
    rs_parti.Fields(2) = frmcristalizacion.Text3(1)
    rs_parti.Fields(3) = frmcristalizacion.Text3(2)
    rs_parti.Fields(4) = frmcristalizacion.Text3(3)
    rs_parti.Fields(5) = frmcristalizacion.Text3(4)
    rs_parti.Fields(6) = frmcristalizacion.Text3(5)
    rs_parti.Fields(7) = frmcristalizacion.Text3(6)
    rs_parti.Fields(8) = j31
    rs_parti.Fields(9) = j32
    rs_parti.Fields(10) = j33
    rs_parti.Fields(11) = j34
    rs_parti.Fields(12) = j35
    rs_parti.Fields(13) = j36
rs_parti.Update
rs_parti.Close

'masa cocida A
rs_parti.Source = "SELECT * FROM masacocidaA"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmmasaca.Text1(0)
    rs_parti.Fields(2) = frmmasaca.Text1(1)
    rs_parti.Fields(3) = frmmasaca.Text1(2)
    rs_parti.Fields(4) = frmmasaca.Text1(3)
    rs_parti.Fields(5) = frmmasaca.Text1(4)
    rs_parti.Fields(6) = frmmasaca.Text1(5)
    rs_parti.Fields(7) = frmmasaca.Text1(6)
    rs_parti.Fields(8) = frmmasaca.text2(0)
    rs_parti.Fields(9) = frmmasaca.text2(1)
    rs_parti.Fields(10) = frmmasaca.text2(2)
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    rs_parti.Fields(11) = frmmasaca.Text3(0)
    rs_parti.Fields(12) = frmmasaca.Text3(1)
    rs_parti.Fields(13) = frmmasaca.Text3(2)
    rs_parti.Fields(14) = frmmasaca.Text3(3)
    rs_parti.Fields(15) = frmmasaca.Text4(0)
    rs_parti.Fields(16) = frmmasaca.Text4(1)
    rs_parti.Fields(17) = frmmasaca.Text4(2)
    rs_parti.Fields(18) = k16
    rs_parti.Fields(19) = k18
    rs_parti.Fields(20) = k5
    rs_parti.Fields(21) = k20
    rs_parti.Fields(22) = k6
    rs_parti.Fields(23) = k22
    rs_parti.Fields(24) = k7
    rs_parti.Fields(25) = k15
    rs_parti.Fields(26) = k25
    rs_parti.Fields(27) = k27
    rs_parti.Fields(28) = k14
    rs_parti.Fields(29) = k28
    rs_parti.Fields(30) = k29
    rs_parti.Fields(31) = k30
    rs_parti.Fields(32) = k31
    rs_parti.Fields(33) = k32
    rs_parti.Fields(34) = k33
    rs_parti.Fields(35) = k34
    rs_parti.Fields(36) = k35
    rs_parti.Fields(37) = k36
    rs_parti.Fields(38) = k37
    rs_parti.Fields(39) = k38
    rs_parti.Fields(40) = k39
    rs_parti.Fields(41) = k40
    rs_parti.Fields(42) = k41
    rs_parti.Fields(43) = k42
    rs_parti.Fields(44) = k43
    rs_parti.Fields(45) = k45
    rs_parti.Fields(46) = k46
    rs_parti.Fields(47) = k47
    rs_parti.Fields(48) = k48
    rs_parti.Fields(49) = k49
    rs_parti.Fields(50) = k50
    rs_parti.Fields(51) = k51
    rs_parti.Fields(52) = o57
rs_parti.Update
rs_parti.Close

'masa cocida B
rs_parti.Source = "SELECT * FROM masacocidaB"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmmasacb.Text1(0)
```

```
    rs_parti.Fields(2) = frmmasacb.Text1(1)
    rs_parti.Fields(3) = frmmasacb.Text1(2)
    rs_parti.Fields(4) = frmmasacb.Text1(3)
    rs_parti.Fields(5) = frmmasacb.Text1(4)
    rs_parti.Fields(6) = frmmasacb.Text1(5)
    rs_parti.Fields(7) = frmmasacb.Text1(6)
    rs_parti.Fields(8) = frmmasacb.text2(0)
    rs_parti.Fields(9) = frmmasacb.Text3(0)
    rs_parti.Fields(10) = frmmasacb.Text3(1)
    rs_parti.Fields(11) = frmmasacb.Text3(2)
    rs_parti.Fields(12) = frmmasacb.Text3(3)
    rs_parti.Fields(13) = frmmasacb.Text4(0)
    rs_parti.Fields(14) = frmmasacb.Text4(1)
    rs_parti.Fields(15) = l3
    rs_parti.Fields(16) = l10
    rs_parti.Fields(17) = l8
    rs_parti.Fields(18) = l9
    rs_parti.Fields(19) = l13
    rs_parti.Fields(20) = l14
    rs_parti.Fields(21) = l15
    rs_parti.Fields(22) = l16
    rs_parti.Fields(23) = l17
    rs_parti.Fields(24) = l18
    rs_parti.Fields(25) = l19
    rs_parti.Fields(26) = l20
    rs_parti.Fields(27) = l21
    rs_parti.Fields(28) = l22
    rs_parti.Fields(29) = l23
    rs_parti.Fields(30) = l24
    rs_parti.Fields(31) = l25
    rs_parti.Fields(32) = l26
    rs_parti.Fields(33) = l27
    rs_parti.Fields(34) = l28
    rs_parti.Fields(35) = l29
    rs_parti.Fields(36) = o58
rs_parti.Update
rs_parti.Close

'masa cocida C
rs_parti.Source = "SELECT * FROM masacocidac"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmmasacc.Text1(0)
    rs_parti.Fields(2) = frmmasacc.Text1(1)
    rs_parti.Fields(3) = frmmasacc.Text1(2)
    rs_parti.Fields(4) = frmmasacc.Text1(3)
    rs_parti.Fields(5) = frmmasacc.Text1(4)
    rs_parti.Fields(6) = frmmasacc.Text1(5)
    rs_parti.Fields(7) = frmmasacc.text2(0)
    rs_parti.Fields(8) = frmmasacc.Text3(0)
```

```
    rs_parti.Fields(9) = frmmasacc.Text3(1)
    rs_parti.Fields(10) = frmmasacc.Text3(2)
    rs_parti.Fields(11) = frmmasacc.Text3(3)
    rs_parti.Fields(12) = frmmasacc.Text4(0)
    rs_parti.Fields(13) = frmmasacc.Text4(1)
    rs_parti.Fields(14) = m1
    rs_parti.Fields(15) = m3
    rs_parti.Fields(16) = m8
    rs_parti.Fields(17) = m9
    rs_parti.Fields(18) = m12
    rs_parti.Fields(19) = m13
    rs_parti.Fields(20) = m14
    rs_parti.Fields(21) = m15
    rs_parti.Fields(22) = m16
    rs_parti.Fields(23) = m17
    rs_parti.Fields(24) = m18
    rs_parti.Fields(25) = m19
    rs_parti.Fields(26) = m20
    rs_parti.Fields(27) = m21
    rs_parti.Fields(28) = m22
    rs_parti.Fields(29) = m24
    rs_parti.Fields(30) = m25
    rs_parti.Fields(31) = m26
    rs_parti.Fields(32) = m27
    rs_parti.Fields(33) = m28
    rs_parti.Fields(34) = o59
rs_parti.Update
rs_parti.Close

'pie de templa
rs_parti.Source = "SELECT * FROM pietempla"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmptempla.Text1(0)
    rs_parti.Fields(2) = frmptempla.Text1(1)
    rs_parti.Fields(3) = frmptempla.Text1(2)
    rs_parti.Fields(4) = frmptempla.Text1(3)
    rs_parti.Fields(5) = frmptempla.Text1(4)
    rs_parti.Fields(6) = frmptempla.Text1(5)
    rs_parti.Fields(7) = frmptempla.Text1(6)
    rs_parti.Fields(8) = frmptempla.Text1(7)
    rs_parti.Fields(9) = frmptempla.Text3(0)
    rs_parti.Fields(10) = frmptempla.Text3(1)
    rs_parti.Fields(11) = frmptempla.Text3(2)
    rs_parti.Fields(12) = frmptempla.Text4(0)
    rs_parti.Fields(13) = frmptempla.Text4(1)
    rs_parti.Fields(14) = n1
    rs_parti.Fields(15) = n3
    rs_parti.Fields(16) = n8
    rs_parti.Fields(17) = n9
```

```
    rs_parti.Fields(18) = n12
    rs_parti.Fields(19) = n13
    rs_parti.Fields(20) = n15
    rs_parti.Fields(21) = n16
    rs_parti.Fields(22) = o60
rs_parti.Update
rs_parti.Close

'SEcadora
rs_parti.Source = "SELECT * FROM secadora"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmsecadora.Text1(0)
    rs_parti.Fields(2) = frmsecadora.Text1(1)
    rs_parti.Fields(3) = n20
    rs_parti.Fields(4) = n21
    rs_parti.Fields(5) = n22
    rs_parti.Fields(6) = n23
    rs_parti.Fields(7) = n24
    rs_parti.Fields(8) = n31
    rs_parti.Fields(9) = n32
    rs_parti.Fields(10) = n34
    rs_parti.Fields(11) = n35
    rs_parti.Fields(12) = n25
    rs_parti.Fields(13) = n26
    rs_parti.Fields(14) = n27
    rs_parti.Fields(15) = n28
    rs_parti.Fields(16) = n29
    rs_parti.Fields(17) = n30
rs_parti.Update
rs_parti.Close

'Aire Calentamiento
rs_parti.Source = "SELECT * FROM airecalentamiento"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
    rs_parti.Fields(0) = aux + 1
    rs_parti.Fields(1) = frmsecadora.Text6(0)
    rs_parti.Fields(2) = frmsecadora.Text6(1)
    rs_parti.Fields(3) = frmsecadora.Text6(2)
    rs_parti.Fields(4) = frmsecadora.Text6(3)
    rs_parti.Fields(5) = frmsecadora.Text6(4)
    rs_parti.Fields(6) = frmsecadora.Text6(5)
    rs_parti.Fields(7) = frmsecadora.Text6(6)
    rs_parti.Fields(8) = p1
    rs_parti.Fields(9) = p2
    rs_parti.Fields(10) = p3
    rs_parti.Fields(11) = p4
rs_parti.Update
rs_parti.Close
```

```
'Aire Enfriamiento
rs_parti.Source = "SELECT * FROM aireenfriamiento"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmsecadora.Text7(0)
   rs_parti.Fields(2) = frmsecadora.Text7(1)
   rs_parti.Fields(3) = frmsecadora.Text7(2)
   rs_parti.Fields(4) = frmsecadora.Text7(3)
   rs_parti.Fields(5) = frmsecadora.Text7(4)
   rs_parti.Fields(6) = frmsecadora.Text7(5)
rs_parti.Update
rs_parti.Close

'aire Salida
rs_parti.Source = "SELECT * FROM airesalida"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmsecadora.Text8(0)
   rs_parti.Fields(2) = frmsecadora.Text8(1)
   rs_parti.Fields(3) = frmsecadora.Text8(2)
   rs_parti.Fields(4) = frmsecadora.Text8(3)
   rs_parti.Fields(5) = p7
   rs_parti.Fields(6) = p8
   rs_parti.Fields(7) = p18
   rs_parti.Fields(7) = p17
rs_parti.Update
rs_parti.Close

'Calentamiento en el Azúcar
rs_parti.Source = "SELECT * FROM calentamientosecador"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   rs_parti.Fields(1) = frmsecadora.Text10(0)
   rs_parti.Fields(2) = frmsecadora.Text10(1)
   rs_parti.Fields(3) = q41
   rs_parti.Fields(4) = q42
rs_parti.Update
rs_parti.Close

'Refundidor de azúcar
rs_parti.Source = "SELECT * FROM refundidorazucar"
rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
rs_parti.AddNew
   rs_parti.Fields(0) = aux + 1
   'rs_parti.Fields(1) = frmresumen1.Text9(0)
   'rs_parti.Fields(2) = frmresumen1.Text9(1)
   'rs_parti.Fields(3) = frmresumen1.Text9(2)
```

```
    'rs_parti.Fields(4) = frmresumen1.Text9(3)
    'rs_parti.Fields(5) = frmresumen1.Text9(4)
    rs_parti.Fields(6) = q43
    rs_parti.Fields(7) = q47
rs_parti.Update
rs_parti.Close

'Vapor de Calefacción del pre
'rs_parti.Source = "SELECT * FROM vaporcalefpre"
'rs_parti.Open rs_parti.Source, cn_parti, , adLockOptimistic
'rs_parti.AddNew
 '   rs_parti.Fields(0) = aux + 1
 '   rs_parti.Fields(1) = frmresumen1.Text11
 '   rs_parti.Fields(2) = q48
'rs_parti.Update
'rs_parti.Close

End Function
```

Caire

```
'calcular aire calentamiento
Function acalentamiento()
p1 = (CSng(frmsecadora.Text6(0)) * 1.8) + 32
p2 = (CSng(frmsecadora.Text6(1)) * 1.8) + 32
p3 = (CSng(frmsecadora.Text6(3)) * 1.8) + 32
p4 = (100 - bb19) / 100
End Function

'calcular aire de enfriamiento
Function aenfriamiento()
p5 = CSng(frmsecadora.Text6(2))
End Function
'calcular aire de salida
Function asalida()
p7 = (CSng(frmsecadora.Text8(0)) * 1.8) + 32
p8 = (CSng(frmsecadora.Text8(1)) * 1.8) + 32

'calculados
p11 = CSng(frmsecadora.Text6(5)) * (1 - ((1 - p4) / (1 - CSng(frmsecadora.Text7(4)))))
p12 = CSng(frmsecadora.Text6(5)) * ((CSng(frmsecadora.Text6(6)) * (0.295 + (0.0008 *
CSng(frmsecadora.Text6(6))))) - ((1 - p4) * CSng(frmsecadora.Text7(5)) * (0.295 + (0.0008
* CSng(frmsecadora.Text7(5))))) / (1 - CSng(frmsecadora.Text7(4)))))
'F
p13 = CSng(frmsecadora.Text8(2)) - p5
p14 = CSng(frmsecadora.Text8(3)) - CSng(frmsecadora.Text7(3))
'c
p15 = CSng(frmsecadora.Text8(2)) - CSng(frmsecadora.Text6(2))
p16 = CSng(frmsecadora.Text8(3)) - CSng(frmsecadora.Text6(4))

'Solución
```

```
p17 = ((p11 * p16) - (p12 * p15)) / ((p13 * p16) - (p14 * p15))

p18 = ((p13 * p12) - (p11 * p14)) / ((p13 * p16) - (p14 * p15))

'p9 = p18
'p10=p17
End Function

Function Calentamiento()
'p18
'v5
'v11'
q41 = (CSng(frmsecadora.Text6(4)) - CSng(frmsecadora.Text7(3))) * p18
q42 = q41 / (CSng(frmsecadora.Text10(0)) * CSng(frmsecadora.Text10(1)))
End Function

Function razucar()
q43 = ((1 * bb20) + bb21) / 1000
q44 = i6 / 1000
q45 = CSng(frmsecadora.Text9(0))
q46 = CSng(frmsecadora.Text8(3))
q47 = q44 * (CSng(frmsecadora.Text9(3)) - q45) * (1 + CSng(frmsecadora.Text9(4)))
End Function

Function vcalefaccion()
q48 = q47 / CSng(frmsecadora.Text11)
bb28 = CSng(frmsecadora.Text7(3))
bb29 = CSng(frmsecadora.Text6(4))
bb38 = CSng(frmsecadora.Text1(0))
bb39 = CSng(frmsecadora.Text1(1))

End Function
```

Ccalcularbmasa

```
Public aux As Integer
Function aparecer(ByVal aux)
If bandera = 1 Then
Select Case aux
Case 1:
    'Asignar valores a la tabla de RESOLUCION RESOLUCION - Flujos en Ton/h
Caña molida
    frmmolinos.Text3(0) = CSng(A)
    frmmolinos.Text3(1) = CSng(bb1)
    frmmolinos.Text3(2) = CSng(J)
    frmmolinos.Text3(3) = CSng(Z)
    frmmolinos.Text3(4) = CSng(L)
    frmmolinos.Text3(5) = CSng(F)
    frmmolinos.Text3(6) = CSng(bI1)
    frmmolinos.Text3(7) = CSng(i)
    frmmolinos.Text3(8) = CSng(O)
```

```
        frmmolinos.Text3(9) = CSng(O1)
        frmmolinos.Text3(10) = CSng(H)
        frmmolinos.Text3(11) = CSng(B)
        frmmolinos.Text3(12) = CSng(C)
        frmmolinos.Text3(13) = CSng(G)
        frmmolinos.Text3(14) = CSng(E)
        frmmolinos.Text3(15) = CSng(bE)
        'Asignar valores a la tabla de RESOLUCION - Análisis Perdidas
        frmmolinos.Text6(0) = CSng(m0)
        frmmolinos.Text6(1) = CSng(m3)
        frmmolinos.Text6(2) = CSng(m4)
        frmmolinos.Text6(3) = CSng(m5)
        frmmolinos.Text6(4) = CSng(m1)
        frmmolinos.Text6(5) = CSng(m2)
        frmmolinos.Text6(8) = CSng(mt)
        frmmolinos.Text6(6) = CSng((mt + pb))



        frmmolinos.Text6(7) = CSng(pb)
'       frmmolinos.SSTab1.Visible = True
 '      frmmolinos.Frame5.Visible = True
        frmmolinos.Text9(0) = CSng(A)
        frmmolinos.Text9(1) = CSng(Z)
        frmmolinos.Text9(2) = CSng(jm)
        frmmolinos.Text9(3) = CSng(pjm1 / bjm)
        frmmolinos.Text9(4) = CSng(a20)
        frmmolinos.Text9(5) = CSng(pjm1)
        frmmolinos.Text9(6) = CSng(bjm)

    Case 2
        'Asignar a la tabla de Resolucion sulfitacion
        frmpurificacions.Text3(0) = CSng(c1)
        frmpurificacions.Text3(1) = CSng(c2)
        frmpurificacions.Text3(2) = CSng(c3)
        frmpurificacions.Text3(3) = CSng(c4)
        frmpurificacions.Text3(4) = CSng(c3 / c4)

        'Asignar a la tabla de Resolucion
        frmpurificacions.Text4(0) = CSng(d1)
        frmpurificacions.Text4(1) = CSng(d2)
        frmpurificacions.Text4(2) = CSng(d3)
        frmpurificacions.Text4(3) = CSng(d4)
        frmpurificacions.Text4(4) = CSng(d5)
        frmpurificacions.Text4(5) = CSng(d6)
        frmpurificacions.Text4(6) = CSng(d7)
        frmpurificacions.Text4(7) = CSng(d8)
        frmpurificacions.Frame3.Visible = True
        frmpurificacions.Frame4.Visible = True
    Case 3
        'Asignar valores a tabla resolucion fosfato
```

```
        frmclarificacion.Text3(0) = CSng(e1)
        frmclarificacion.Text3(1) = CSng(e2)
        'Asignar valores a tabla resolucion fosfato
        frmclarificacion.Text4(0) = CSng(e3)
        frmclarificacion.Text4(1) = CSng(e4)
        frmclarificacion.Text4(2) = CSng(e5)
        frmclarificacion.Text4(3) = CSng(e6)
        'frmclarificacion.Frame3.Visible = True
        'frmclarificacion.Frame4.Visible = True
         'asignar valores
        frmclarificacion.Text6(0) = CSng(f0)
        frmclarificacion.Text6(1) = CSng(f1)
        frmclarificacion.Text6(2) = CSng(f4)
        frmclarificacion.Text6(3) = CSng(f5)
        frmclarificacion.Text6(4) = CSng(f6)
        frmclarificacion.Text6(5) = CSng(f2)
        frmclarificacion.Text6(6) = CSng(f3)
        frmclarificacion.Text6(7) = CSng(f7)
        frmclarificacion.Text6(8) = CSng(f8)
        frmclarificacion.Text6(9) = CSng(f9)
        frmclarificacion.Text6(10) = CSng(f10)
        frmclarificacion.Text6(11) = CSng(f11)
        frmclarificacion.Text6(12) = CSng(f12)
        frmclarificacion.Text6(13) = CSng(f13)
        'frmfiltro.Frame2.Visible = True

    Case 4
        'asignar valores alas tablas
        frmevaporadores.Text10(0) = CSng(f7)
        frmevaporadores.Text10(1) = CSng(g1)
        frmevaporadores.Text10(2) = CSng(g2)
        frmevaporadores.Text10(3) = CSng(g3)
        'asignar valores a tabla
        frmevaporadores.Text4(0) = CSng(g4)
        frmevaporadores.Text4(1) = CSng(g5)
        frmevaporadores.Text4(2) = CSng(g6)
        frmevaporadores.Text4(3) = CSng(g7)
        frmevaporadores.Text4(4) = CSng(g8)
        'asignar valores a tabla
        frmevaporadores.Text3(0) = CSng(g9)
        frmevaporadores.Text3(1) = CSng(g10)
        frmevaporadores.Text3(2) = CSng(g11)
        frmevaporadores.Text3(3) = CSng(g12)
        frmevaporadores.Text3(4) = CSng(g13)
        'asignar valores a tabla
        frmevaporadores.Text5(0) = CSng(g14)
        frmevaporadores.Text5(1) = CSng(g15)
        frmevaporadores.Text5(2) = CSng(g16)
        frmevaporadores.Text5(3) = CSng(g17)
        frmevaporadores.Text5(4) = CSng(g18)
        'asignar valores a tabla
```

```
        frmevaporadores.Text6(0) = CSng(g19)
        frmevaporadores.Text6(1) = CSng(g20)
        frmevaporadores.Text6(2) = CSng(g21)
        frmevaporadores.Text6(3) = CSng(g22)
        frmevaporadores.Text6(4) = CSng(g23)
        'asignar valores a tabla
        frmevaporadores.Text7(0) = CSng(g24)
        frmevaporadores.Text7(1) = CSng(g25)
        frmevaporadores.Text7(2) = CSng(g26)
        frmevaporadores.Text7(3) = CSng(g27)
        frmevaporadores.Text7(4) = CSng(g28)
        frmevaporadores.Text7(5) = CSng((g28 + g27 + g26 + g25 + g24))
        'asignar valores a tabla
        frmevaporadores.Text12(0) = CSng(g18)
        frmevaporadores.Text12(1) = CSng(frmevaporadores.Text1(4))
        frmevaporadores.Text12(2) = CSng(h6)
        frmevaporadores.Text12(3) = CSng(g8)
        frmevaporadores.Text12(4) = CSng(h8)
        frmevaporadores.Text12(5) = CSng(h9)
        frmevaporadores.Text12(6) = CSng(h10)
        frmevaporadores.Text12(7) = CSng(h11)
        frmevaporadores.Text12(8) = CSng(h12)
        frmevaporadores.Text12(9) = CSng(h8)
        frmevaporadores.Text12(10) = CSng(h14)
        frmevaporadores.Text12(11) = CSng(h15)
        frmevaporadores.Text12(12) = CSng(h16)
        frmevaporadores.Text12(13) = CSng(h17)
        frmevaporadores.Text12(14) = CSng(h18)
        'Asignar valores a tabla
        frmevaporadores.Text14(0) = CSng(g23)
        frmevaporadores.Text14(1) = CSng(h2)
        frmevaporadores.Text14(2) = CSng(h3)

    Case 5
        'asignar valores a tabla
        frmcristalizacion.Text11(0) = CSng(bb18)
        frmcristalizacion.Text11(1) = CSng(i2)
        frmcristalizacion.Text11(2) = CSng(j22)
        frmcristalizacion.Text11(3) = CSng(frmcristalizacion.Text1(10))
        frmcristalizacion.Text11(4) = CSng(j30)
        frmcristalizacion.Text11(5) = CSng(i6)
        frmcristalizacion.Text11(6) = CSng(i7)
        frmcristalizacion.Text11(7) = CSng(i8)
        frmcristalizacion.Text11(8) = CSng(i9)

        'asignar valores al formulario frmpreevaporacionj
        frmcristalizacion.Text13(0) = CSng(h16)
        frmcristalizacion.Text13(1) = CSng(h18)
        frmcristalizacion.Text13(2) = CSng(h15)
        frmcristalizacion.Text13(3) = CSng(j4)
        frmcristalizacion.Text13(4) = CSng(j5)
```

```
        frmcristalizacion.Text13(5) = CSng(j6)
        frmcristalizacion.Text13(6) = CSng(j7)
        frmcristalizacion.Text13(7) = CSng(j8)
'       frmpreevaporacionj.Frame2.Visible = True

        'asignar datos pureza a tabla
        frmcristalizacion.Text6(0) = CSng(j10)
        frmcristalizacion.Text6(1) = CSng(j11)
        frmcristalizacion.Text6(2) = CSng(j12)
        frmcristalizacion.Text6(3) = CSng(j13)
        frmcristalizacion.Text6(4) = CSng(j14)
        frmcristalizacion.Text6(5) = CSng(j15)
        frmcristalizacion.Text6(6) = CSng(j16)
        frmcristalizacion.Text6(7) = CSng(j17)
        frmcristalizacion.Text6(8) = CSng(j18)
        'asignar valores pol a tabla
        frmcristalizacion.Text5(0) = CSng(j7)
        frmcristalizacion.Text5(1) = CSng(j20)
        frmcristalizacion.Text5(2) = CSng(j21)
        frmcristalizacion.Text5(3) = CSng(j22)
        frmcristalizacion.Text5(4) = CSng(j23)
        frmcristalizacion.Text5(5) = CSng(j24)
        frmcristalizacion.Text5(6) = CSng(j25)
        frmcristalizacion.Text5(7) = CSng(j26)
        frmcristalizacion.Text5(8) = CSng(j27)
        frmcristalizacion.Text5(9) = CSng(j28)
        frmcristalizacion.Text5(10) = CSng(j29)
        frmcristalizacion.Text5(11) = CSng(j30)
        frmcristalizacion.Text5(12) = CSng(j19)
        'asignar datos densidad a tabla
        frmcristalizacion.Text7(0) = CSng(j31)
        frmcristalizacion.Text7(1) = CSng(j32)
        frmcristalizacion.Text7(2) = CSng(j33)
        frmcristalizacion.Text7(3) = CSng(j34)
        frmcristalizacion.Text7(4) = CSng(j35)
        frmcristalizacion.Text7(5) = CSng(j36)

Case 6
            'asignar valores de masa cocida A a tabla
        frmmasaca.Text5(0) = CSng(bb8)
        frmmasaca.Text5(1) = CSng(k18)
        frmmasaca.Text5(2) = CSng(k20)
        frmmasaca.Text5(3) = CSng(k22)
        frmmasaca.Text5(4) = CSng(k25)
        frmmasaca.Text5(5) = CSng(k27)

        frmmasaca.Text8(0) = CSng(k16)
        frmmasaca.Text8(1) = CSng(k5)
        frmmasaca.Text8(2) = CSng(k6)
        frmmasaca.Text8(3) = CSng(i7)
        frmmasaca.Text8(4) = CSng(k15)
```

```
        frmmasaca.Text8(5) = CSng(k14)
        frmmasaca.Text8(6) = CSng(k7)
        frmmasaca.Text8(7) = CSng(k28)

        'asignar centrifugas
        frmmasaca.Text6(0) = CSng(k29)
        frmmasaca.Text6(1) = CSng(k30)
        frmmasaca.Text6(2) = CSng(k32)
        frmmasaca.Text6(3) = CSng(k34)
        frmmasaca.Text6(4) = CSng(k37)

        frmmasaca.Text9(0) = CSng(k31)
        frmmasaca.Text9(1) = CSng(k33)
        frmmasaca.Text9(2) = CSng(k35)
        frmmasaca.Text9(3) = CSng(k36)
        frmmasaca.Text9(4) = CSng(k38)
        frmmasaca.Text9(5) = CSng(k39)
        frmmasaca.Text9(6) = CSng(k40)
        frmmasaca.Text9(7) = CSng(k41)
        frmmasaca.Text9(8) = CSng(k42)

        'asignar condensador barométrico
        frmmasaca.Text10(0) = CSng(k43)
        frmmasaca.Text10(1) = CSng(frmmasaca.Text1(4))
        frmmasaca.Text10(2) = CSng(k45)
        frmmasaca.Text10(3) = CSng(k46)
        frmmasaca.Text10(4) = CSng(k47)
        frmmasaca.Text10(5) = CSng(k48)
        frmmasaca.Text10(6) = CSng(k49)
        frmmasaca.Text10(7) = CSng(k50)
        frmmasaca.Text10(8) = CSng(k51)
       ' If j5 * 24 / (k5 + k14) < 8 Then
       '    frmmasaca.Text7 = CSNG(j5 * 24 / (k5 + k14), 3)
        'Else
        '    frmmasaca.Text7 = CSNG(j5 * 24 / (k5 + k14), 3)
         '   MsgBox ("La masa cocida sobrepasa los rangos reales")
       ' End If
Case 7
        'asignar valores masacocida b
        frmmasacb.Text7 = CSng(l4)
        frmmasacb.Text11(0) = CSng(l3)
        frmmasacb.Text11(1) = CSng(l10)
        frmmasacb.Text11(2) = CSng(l8)
        frmmasacb.Text11(3) = CSng(l9)
        frmmasacb.Text11(4) = CSng(l13)
        frmmasacb.Text11(5) = CSng(l14)
        'asignar a centrifugas
        frmmasacb.Text6(0) = CSng(l15)
        frmmasacb.Text6(1) = CSng(l16)
        frmmasacb.Text6(2) = CSng(l19)
        frmmasacb.Text6(3) = CSng(l21)
```

```
        frmmasacb.Text6(4) = CSng(l22)
        frmmasacb.Text9(0) = CSng(l17)
        frmmasacb.Text9(1) = CSng(l18)
        frmmasacb.Text9(2) = CSng(l20)

        'asignarcondensador
        frmmasacb.Text12(0) = CSng(l23)
        frmmasacb.Text12(1) = CSng(l24)
        frmmasacb.Text12(2) = CSng(l25)
        frmmasacb.Text12(3) = CSng(l26)
        frmmasacb.Text12(4) = CSng(l27)
        frmmasacb.Text12(5) = CSng(l28)
        frmmasacb.Text12(6) = CSng(l29)
        frmmasacb.Frame8.Visible = True
Case 8
        'asignar valores masacocida c
        frmmasacc.Text7 = CSng(bb16)
        frmmasacc.Text11(0) = CSng(mm1)
        frmmasacc.Text11(1) = CSng(mm3)
        frmmasacc.Text11(2) = CSng(m8)
        frmmasacc.Text11(3) = CSng(m9)
        frmmasacc.Text11(4) = CSng(m12)
        frmmasacc.Text11(5) = CSng(m13)
        'asignar a centrifugas
        frmmasacc.Text6(0) = CSng(m14)
        frmmasacc.Text6(1) = CSng(m15)
        frmmasacc.Text6(2) = CSng(m18)
        frmmasacc.Text6(3) = CSng(m20)
        frmmasacc.Text6(4) = CSng(m21)
        frmmasacc.Text9(0) = CSng(m16)
        frmmasacc.Text9(1) = CSng(m17)
        frmmasacc.Text9(2) = CSng(m19)

        'asignarcondensador
        frmmasacc.Text12(0) = CSng(m22)
       ' frmmasacc.Text12(1) = CSng(m23)
        'frmmasacc.Text12(2) = CSng(m24)
        frmmasacc.Text12(3) = CSng(m25)
        frmmasacc.Text12(4) = CSng(m26)
        frmmasacc.Text12(5) = CSng(m27)
        frmmasacc.Text12(6) = CSng(m28)
        frmmasacc.Frame8.Visible = True
Case 9
        'asignar valores masacocida c
        frmptempla.Text7 = CSng(bb13)
        frmptempla.Text11(0) = CSng(n1)
        frmptempla.Text11(1) = CSng(n3)
        frmptempla.Text11(2) = CSng(n8)
        frmptempla.Text11(3) = CSng(n9)
        frmptempla.Text11(4) = CSng(n12)
```

```
        'asignarcondensador
        frmptempla.Text12(0) = CSng(n13)
        frmptempla.Text12(1) = CSng(n14)
        frmptempla.Text12(2) = CSng(n15)
        frmptempla.Text12(3) = CSng(n16)
        frmptempla.Frame8.Visible = True
Case 10
        'asignar valores de secador a tablas
        frmsecadora.text2(0) = CSng(j24)
        frmsecadora.text2(1) = CSng(bb19)
        frmsecadora.text2(2) = CSng(n20)
        frmsecadora.text2(3) = CSng(21)

        frmsecadora.Text3(0) = CSng(k39)
        frmsecadora.Text3(1) = CSng(n22)
        frmsecadora.Text3(2) = CSng(n23)
        frmsecadora.Text3(3) = CSng(n24)
        frmsecadora.Text3(4) = CSng(n31)
        frmsecadora.Text3(5) = CSng(n32)
        frmsecadora.Text3(6) = CSng(bb4)

        frmsecadora.Text4(0) = CSng(n34)
        frmsecadora.Text4(1) = CSng(n35)
        frmsecadora.Text4(2) = CSng(n36)

        frmsecadora.Text5(0) = CSng(n25)
        frmsecadora.Text5(1) = CSng(n26)
        frmsecadora.Text5(2) = CSng(n27)
        frmsecadora.Text5(3) = CSng(n28)
        frmsecadora.Text5(4) = CSng(n29)
        frmsecadora.Text5(5) = CSng(n30)

        'asignar valores del aire calentamiento a tabla
        frmsecadora.Text14(0) = CSng(p1)
        frmsecadora.Text14(1) = CSng(p2)
        frmsecadora.Text14(2) = CSng(p3)
        frmsecadora.Text14(3) = CSng(p4)
        'asignar valores a  aire enfriamiento
        frmsecadora.Text15 = CSng(p5)
        'asignar valores aire de salida a tabla
        frmsecadora.Text16(0) = CSng(p7)
        frmsecadora.Text16(1) = CSng(p8)
        frmsecadora.Text16(2) = CSng(p18)
        frmsecadora.Text16(3) = CSng(p17)
        'asignar valores calentamiento en el secador
        frmsecadora.Text17(0) = CSng(p18)
        frmsecadora.Text17(1) = CSng(bb28)
        frmsecadora.Text17(2) = CSng(bb29)
        frmsecadora.Text17(3) = CSng(q41)
        frmsecadora.Text17(4) = CSng(q42)
        'asignar valores refundidor de azucar a tabla
```

```
        frmsecadora.Text12(0) = CSng(q43)
        frmsecadora.Text12(1) = CSng(q44)
        frmsecadora.Text12(2) = CSng(q45)
        frmsecadora.Text12(3) = CSng(q46)
        frmsecadora.Text12(4) = CSng(q47)
        'asignar valores vapor calefacción del PRE a tabla
        'frmsecadora.Text13 = CSng(q44)
Case 11
        'asignar valores a tabla de signación
        'requerimientos MCA
        frmresumen.Text1(0) = CSng(o0)
        frmresumen.Text1(1) = CSng(k15)
        frmresumen.Text1(2) = CSng(k6)
        'producción MCB
        frmresumen.text2(0) = CSng(l9)
        frmresumen.text2(1) = CSng(l8)
        frmresumen.text2(2) = CSng(bb41)
        frmresumen.text2(3) = CSng(l10)
        'producción MCC
        frmresumen.Text3(0) = CSng(m8)
        frmresumen.Text3(1) = CSng(mm3)
        frmresumen.Text3(2) = CSng(m9)
        'producción PIE
        frmresumen.Text4(0) = CSng(n3)
        frmresumen.Text4(1) = CSng(n8)
        frmresumen.Text4(2) = CSng(bb27)
        frmresumen.Text4(3) = CSng(n9)

        'asignar producción
        'produccion mCA
        frmresumen.Text10(0) = CSng(o15)
        frmresumen.Text10(1) = CSng(o16)
        frmresumen.Text10(2) = CSng(k39)
        'producción MCB
        frmresumen.Text11(0) = CSng(l28)
        frmresumen.Text11(1) = CSng(l20)
        'producción MCC
        frmresumen.Text12(0) = CSng(m27)
        frmresumen.Text12(1) = CSng(m19)
        'producción PIE
        frmresumen.Text13 = CSng(mm1)

        'mCA
        frmresumen.Text5(0) = CSng(o23)
        frmresumen.Text5(1) = CSng(o24)
        frmresumen.Text5(2) = CSng(o16)
        frmresumen.Text5(3) = CSng(o26)
        frmresumen.Text5(4) = CSng(o27)
        'MCB
        frmresumen.Text6(0) = CSng(l8)
        frmresumen.Text6(1) = CSng(o33)
```

```
frmresumen.Text6(2) = CSng(o34)
frmresumen.Text6(3) = CSng(o35)
frmresumen.Text6(4) = CSng(o36)
frmresumen.Text6(5) = CSng(bb41)
'pie
frmresumen.Text8(0) = CSng(n3)
frmresumen.Text8(1) = CSng(n8)
frmresumen.Text8(2) = CSng(bb27)
frmresumen.Text8(3) = CSng(n9)
'mcc
frmresumen.Text7(0) = CSng(m8)
frmresumen.Text7(1) = CSng(Abs(o33))
frmresumen.Text7(2) = CSng(o34)
frmresumen.Text7(3) = CSng(o35)
frmresumen.Text7(4) = CSng(o36)
frmresumen.Text7(5) = CSng(m9)

'asiganar requerimientos en resumen
frmresumen.Text9(0) = CSng(o44)
frmresumen.Text9(1) = CSng(o33)
frmresumen.Text9(2) = CSng(o35)
frmresumen.Text9(3) = CSng(bb41)
frmresumen.Text9(4) = CSng(o24)
frmresumen.Text9(5) = CSng(o16)
        'asiganar valores en tablas
'#masa por día
frmresumen.Text14(0) = CSng(o27)
frmresumen.Text14(1) = CSng(o58)
frmresumen.Text14(2) = CSng(o59)
frmresumen.Text14(3) = CSng(o60)
'Sobrantes del día - Producidos
frmresumen.Text15(0) = CSng(o61)
frmresumen.Text15(1) = CSng(o62)
frmresumen.Text15(2) = CSng(o63)
frmresumen.Text15(3) = CSng(o64)
frmresumen.Text15(4) = CSng(o65)
frmresumen.Text15(5) = CSng(o66)
frmresumen.Text15(6) = CSng(o67)
'Sobrantes del día-consumidos
frmresumen.Text16(0) = CSng(o68)
frmresumen.Text16(1) = CSng(o69)
frmresumen.Text16(2) = CSng(o70)
frmresumen.Text16(3) = CSng(o71)
frmresumen.Text16(4) = CSng(o72)
frmresumen.Text16(6) = CSng(o73)
'Sobrantes del día - resultado
frmresumen.Text17(0) = CSng(o74)
frmresumen.Text17(1) = CSng(Abs(o75))
frmresumen.Text17(2) = CSng(o76)
frmresumen.Text17(3) = CSng(o77)
frmresumen.Text17(4) = CSng(o78)
```

```
        frmresumen.Text17(5) = CSng(o79)
        frmresumen.Text17(6) = CSng(o80)

    Case 12
        ' asignar valores MCA
        frmrmasas.Text1(0) = CSng(q1)
        frmrmasas.Text1(1) = CSng(k15)
        frmrmasas.Text1(2) = CSng(i7)
        frmrmasas.Text1(3) = CSng(k6)
        frmrmasas.Text1(4) = CSng(k7)
        frmrmasas.Text1(5) = CSng(o57)
        'asignar valores MCA BRIX
        frmrmasas.text2(0) = CSng(j4)
        frmrmasas.text2(1) = CSng(bb11)
        frmrmasas.text2(2) = CSng(bb26)
        frmrmasas.text2(3) = CSng(bb10)
        frmrmasas.text2(4) = CSng(bb9)
        'asignar valores MCA EV
        frmrmasas.Text3(0) = CSng(q2)
        frmrmasas.Text3(1) = CSng(q3)
        frmrmasas.Text3(2) = CSng(q4)
        frmrmasas.Text3(3) = CSng(q5)
        frmrmasas.Text3(4) = CSng(q6)

        ' asignar valores MCB
        frmrmasas.Text4(0) = CSng(l9)
        frmrmasas.Text4(1) = CSng(l8)
        frmrmasas.Text4(2) = CSng(bb41)
        frmrmasas.Text4(3) = CSng(l10)
        frmrmasas.Text4(4) = CSng(l13)
        frmrmasas.Text4(5) = CSng(o58)
        'asignar valores MCB BRIX
        frmrmasas.Text5(0) = CSng(bb11)
        frmrmasas.Text5(1) = CSng(bb23)
        frmrmasas.Text5(2) = CSng(bb24)
        frmrmasas.Text5(3) = CSng(bb15)
        frmrmasas.Text5(4) = CSng(bb14)
        'asignar valores MCB EV
        frmrmasas.Text6(0) = CSng(q7)
        frmrmasas.Text6(1) = CSng(q8)
        frmrmasas.Text6(2) = CSng(q9)
        frmrmasas.Text6(3) = CSng(q10)
        frmrmasas.Text6(4) = CSng(q28)

        ' asignar valores MCc
        frmrmasas.Text7(0) = CSng(m8)
        frmrmasas.Text7(1) = CSng(m9)
        frmrmasas.Text7(2) = CSng(mm3)
        frmrmasas.Text7(3) = CSng(m12)
        frmrmasas.Text7(4) = CSng(o59)
        'asignar valores MCC BRIX
```

```
        frmrmasas.Text8(0) = CSng(bb24)
        frmrmasas.Text8(1) = CSng(bb25)
        frmrmasas.Text8(2) = CSng(bb15)
        frmrmasas.Text8(3) = CSng(bb17)
        'asignar valores MCC EV
        frmrmasas.Text9(0) = CSng(q11)
        frmrmasas.Text9(1) = CSng(q12)
        frmrmasas.Text9(2) = CSng(q13)
        frmrmasas.Text9(3) = CSng(q14)

        ' asignar valores PIE
        frmrmasas.Text10(0) = CSng(n3)
        frmrmasas.Text10(1) = CSng(n8)
        frmrmasas.Text10(2) = CSng(n9)
        frmrmasas.Text10(3) = CSng(bb42)
        frmrmasas.Text10(4) = CSng(n12)
        frmrmasas.Text10(5) = CSng(o60)
        'asignar valores PIE BRIX
        frmrmasas.Text11(0) = CSng(bb11)
        frmrmasas.Text11(1) = CSng(bb23)
        frmrmasas.Text11(2) = CSng(bb24)
        frmrmasas.Text11(3) = CSng(bb15)
        'asignar valores PIE EV
        frmrmasas.Text12(0) = CSng(q15)
        frmrmasas.Text12(1) = CSng(q16)
        frmrmasas.Text12(2) = CSng(q17)
        frmrmasas.Text12(3) = CSng(q18)
        frmrmasas.Text12(4) = CSng(q19)
Case 13
        'asignar valores d vapor a tachos MCA
        frmdvapor.Text1(0) = CSng(q20)
        frmdvapor.Text1(1) = CSng(q21)
        frmdvapor.Text1(2) = CSng(q22)
        frmdvapor.Text1(3) = CSng(q23)
        frmdvapor.Text1(4) = CSng(q24)
        frmdvapor.Text1(5) = CSng(q25)
        'asignar valores d vapor a tachos MCB
        frmdvapor.text2(0) = CSng(q26)
        frmdvapor.text2(1) = CSng(q27)
        frmdvapor.text2(2) = CSng((q26 + q27))
        frmdvapor.text2(3) = CSng(q29)
        frmdvapor.text2(4) = CSng(q30)
        'asignar valores d vapor a tachos MCC
        frmdvapor.Text3(0) = CSng(q31)
        frmdvapor.Text3(1) = CSng(q32)
        frmdvapor.Text3(2) = CSng(q33)
        frmdvapor.Text3(3) = CSng(q34)
        frmdvapor.Text3(4) = CSng(q35)
        'asignar valores d vapor a tachos MPIE
        frmdvapor.Text4(0) = CSng(q36)
        frmdvapor.Text4(1) = CSng(q37)
```

```
        frmdvapor.Text4(2) = CSng(q38)
        frmdvapor.Text4(3) = CSng(q39)
        frmdvapor.Text4(4) = CSng(q40)
Case 14
        'asignar porametros

        frmgeneral.Text4(0) = CSng(bb6)
        frmgeneral.Text4(1) = CSng(j5)
        frmgeneral.Text4(2) = CSng(j7)
        frmgeneral.Text4(3) = CSng(j8)
        frmgeneral.Text4(4) = CSng(bb40)
        'asignar ingresos a tabla Ton
        frmgeneral.Text1(0) = CSng(bb4)
        frmgeneral.Text1(1) = CSng(r1)
        frmgeneral.Text1(2) = CSng(bb30)
        frmgeneral.Text1(3) = CSng(bb31)
        'asignar ingresos a tabla Pol
        frmgeneral.text2(0) = CSng(bb5)
        frmgeneral.text2(1) = CSng(bb18)
        frmgeneral.text2(2) = CSng(j22)
        frmgeneral.text2(3) = CSng(j30)
        'asignar ingresos a tabla Ton/pol
        frmgeneral.Text3(0) = CSng(r10)
        frmgeneral.Text3(1) = CSng(r11)
        frmgeneral.Text3(2) = CSng(r12)
        frmgeneral.Text3(3) = CSng(r13)
        frmgeneral.Text3(4) = CSng(r14)
        frmgeneral.Text3(5) = CInt(r15)

        'asignar egresos a tabla Ton
        frmgeneral.Text5(0) = CSng(r16)
        frmgeneral.Text5(1) = CSng(f5 * 24)
        frmgeneral.Text5(2) = CSng(g19 * 24)
        frmgeneral.Text5(3) = CSng(r2)
        frmgeneral.Text5(4) = CSng(r3)
        frmgeneral.Text5(5) = CSng(r4)
        frmgeneral.Text5(6) = CSng(r5)
        frmgeneral.Text5(7) = CSng(r6)
        frmgeneral.Text5(8) = CSng(r7)
        frmgeneral.Text5(9) = CSng(r8)
        frmgeneral.Text5(10) = CSng(r9)
        frmgeneral.Text5(11) = CSng(o74)
        frmgeneral.Text5(12) = CSng(o78)
        frmgeneral.Text5(13) = CSng(o79)
        frmgeneral.Text5(14) = CSng(o80)
        'asignar egresos a tabla Pol
        frmgeneral.Text6(0) = CSng(bb5)
        frmgeneral.Text6(1) = CSng(f6 * 24)
        frmgeneral.Text6(2) = CSng(bb33)
        frmgeneral.Text6(3) = CSng(bb34)
        frmgeneral.Text6(4) = CSng(bb35)
```

```
        frmgeneral.Text6(5) = CSng(bb36)
        frmgeneral.Text6(6) = CSng(bb37)
        frmgeneral.Text6(7) = CSng(0.01)
        frmgeneral.Text6(8) = CSng(bb18)
        frmgeneral.Text6(9) = CSng(bb18)
        frmgeneral.Text6(10) = CSng(bb18)
        frmgeneral.Text6(11) = CSng(j23)
        frmgeneral.Text6(12) = CSng(j27)
        frmgeneral.Text6(13) = CSng(j30)
        frmgeneral.Text6(14) = CSng(j29)
        'asignar egresos a tabla Ton/pol
        frmgeneral.Text7(0) = CSng(mt * 24)
        frmgeneral.Text7(1) = CSng(r17)
        frmgeneral.Text7(2) = CSng(r18)
        frmgeneral.Text7(3) = CSng(r32)
        frmgeneral.Text7(4) = CSng(r19)
        frmgeneral.Text7(5) = CSng(r20)
        frmgeneral.Text7(6) = CSng(r21)
        frmgeneral.Text7(7) = CSng(r22)
        frmgeneral.Text7(8) = CSng(r23)
        frmgeneral.Text7(9) = CSng(r24)
        frmgeneral.Text7(10) = CSng(r11)
        frmgeneral.Text7(11) = CSng(r25)
        frmgeneral.Text7(12) = CSng(r26)
        frmgeneral.Text7(13) = CSng(r27)
        frmgeneral.Text7(14) = CSng(r28)
        frmgeneral.Text7(15) = CSng(r29)
        frmgeneral.Text7(16) = CSng(r30)
        frmgeneral.Text7(17) = CInt(r31)
        frmgeneral.Text7(18) = CInt(Abs(r33))
        'asignar valores de otros
        frmgeneral.Text8(0) = CSng(o57)
        frmgeneral.Text8(1) = CSng(o58)
        frmgeneral.Text8(2) = CSng(o59)
        frmgeneral.Text8(3) = CSng(o60)
        frmgeneral.Text8(4) = CSng(r34)
        frmgeneral.Text8(5) = CSng(r27)
        frmgeneral.Text8(6) = CSng(r28)
        frmgeneral.Text8(7) = CSng(r29)
        frmgeneral.Text8(8) = CSng(o80)
        frmgeneral.Text8(9) = CSng(j6)
        frmgeneral.Text8(10) = CSng(j18)
End Select
Else
        frmmolinos.Frame5.Visible = False
        frmparametros.Frame2.Visible = False
        frmpurificacions.Frame3.Visible = False
        frmpurificacions.Frame4.Visible = False
        frmcacomercial.Frame2.Visible = False
        frmcbarometrico4e.Frame2.Visible = False
        frmclarificacion.Frame3.Visible = False
```

```
        frmclarificacion.Frame4.Visible = False
        'frmclarificadorm.Frame2.Visible = False
        frmcristalizacion.SSTab1.Visible = False
        frmevaporadores.SSTab1.Visible = False
        frmevaporadores.Frame7.Visible = False
        frmfiltro.Frame2.Visible = False
        frmpreevaporacionj.Frame2.Visible = False
        frmvaporvapre.Frame3.Visible = False
        frmmasaca.Frame5.Visible = False
        frmmasacb.Frame8.Visible = False
        frmmasacc.Frame8.Visible = False
        frmptempla.Frame8.Visible = False
        frmsecadora.Frame2.Visible = False
        frmresumen1.Frame3.Visible = False
        frmresumen1.Frame5.Visible = False
        frmresumen1.Frame7.Visible = False
        frmresumen1.Frame9.Visible = False
        frmresumen1.Frame11.Visible = False
        frmresumen1.Frame13.Visible = False
End If
End Function
```

Cbgeneral

```
'Public r1, r10, r11, r12, r13, r14, r15 As Single
'Public r16, r17, r18, r2, r3, r4, r5, r32, r20, r21, r22, r23, r6, r7 As Single
'Public r8, r9, r24, r25, r26, r27, r28, r29, r30, r31, r33, r34, r35 As Single
'Public r36, r37 As Single
Function Ingresos()
'calcular ingresos
r1 = o57 * (bb38 + bb39) / 1000
r10 = bb4 * bb5 / 100
r11 = (r1 * bb18 * (1 - (0.06 / 100))) / 100
r12 = bb27 * o60
r13 = bb30 * j22 * o57 / 100
r14 = bb31 * j30 * o57 / 100
r15 = r10 + r11 + r12 + r13 + r14

End Function
Function egresos()
r15 = r15
r16 = Z * 24
r17 = r16 * bb32 / 100
r18 = (f5 * 24) * f6 / 100
r2 = g20 * 24
r3 = g21 * 24
r4 = g22 * 24
r5 = g23 * 24
r32 = (g19 * 24) * bb33 / 1000000
r19 = r2 * bb34 / 1000000
r20 = r3 * bb35 / 1000000
```

```
r21 = r4 * bb36 / 1000000
r22 = r5 * bb37 / 1000000
r23 = r19 + r20 + r21 + r22 + r32
r6 = h12 * 24
r7 = o57 * (bb38 + bb39) / 1000
r8 = n24 * o57 / 1000
r9 = n31 * o57
r24 = r6 * 0.01
r25 = r8 * bb18 * (1 - (0.08 / 100)) / 100
r26 = r9 * bb18 / 100
r27 = o74 * j22 / 100
r28 = o78 * j27 / 100
r29 = o79 * j30 / 100
r30 = o80 * j29 / 100
r31 = 0.118 * 24 + r17 + r18 + r23 + r24 + r11 + r25 + r26 + r27 + r28 + r29 + r30 - 0.01
r33 = FormatNumber(r15, 1) - FormatNumber(r31, 1)

End Function

Function otros()
If bb4 <> 0 Then
r34 = n32 / bb4
End If
End Function
```

Ccacomercial

```
'Public i1, i2, i3, i4, i5, i6, i7, i8, i9 As Single
'Public s1, s2, s3, s4, s5, s6, s0 As Single

Function ccomercial()
'calcular cantidad comercial
'i1 = frmcristalizacion.Text2(0)
i2 = frmcristalizacion.Text8(2) * frmcristalizacion.text2(0) / 100
'i3 = j22
'i4 = frmcristalizacion.Text1(10)
'i5 = j30
i6 = (((1 * frmcristalizacion.Text8(3)) * ((1 * frmcristalizacion.Text8(4)) - (1 * frmcristalizacion.Text8(6)))) + (frmcristalizacion.Text8(5) * ((1 * frmcristalizacion.Text1(10)) - (1 * frmcristalizacion.Text8(6)))) + (((CLng(frmcristalizacion.Text8(0)) + CLng(frmcristalizacion.Text8(1))) / 1000) * (frmcristalizacion.Text8(2) - (1 * frmcristalizacion.Text8(6))))) / (1 * frmcristalizacion.Text8(6))
i7 = ((frmcristalizacion.Text8(0) + (1 * frmcristalizacion.Text8(1))) / 1000) + frmcristalizacion.Text8(3) + frmcristalizacion.Text8(5) + i6
i8 = ((frmcristalizacion.Text8(3) * j22) + (j30 * frmcristalizacion.Text8(5)) + (((frmcristalizacion.Text8(0) + (1 * frmcristalizacion.Text8(1))) / 1000) * i2)) / i7
i9 = (0.00597 * frmcristalizacion.Text8(6) + 0.93109) * (((92 - i8) / 15000) + 1)
End Function
```

cClarificación

```
Function cclarificacion()
'frmclarificacion.Height = 3525

'Calcular fosfatos
e1 = CSng(frmclarificacion.Text1(0)) * A
e2 = CSng(frmclarificacion.Text1(1)) * A

'Calcular Floculante
e3 = CSng(frmclarificacion.text2(0)) * A
e4 = 999 * e3
e5 = (0.000619 * (CSng(bb1) ^ 2)) - (0.001387 * CSng(bb1)) + (0.073597)
e6 = 0.67051 + (0.04572 * CSng(bb1)) - (0.00656 * (CSng(bb1) ^ 2)) + (0.000453 * (CSng(bb1) ^ 3))

'calcular filtrocachaza
f0 = CSng(bb2) / 100
f1 = e6 - (0.0627 * (((6 + 3.6) / (CSng(bb1) + 3.6))) ^ 0.34)
f2 = 0.16627 - (0.01476 * CSng(bb1)) + (0.00329 * (CSng(bb1) ^ 2)) - (0.0003 * (CSng(bb1) ^ 3))
f3 = (((d5 + ((e1 + e2 + e3 + e4) / 1000)) * (f1 - e6) * e5) + (CSng(frmclarificacion.Text5(0)) * (f1 - f0)) - (CSng(frmclarificacion.Text5(1)) * (1 - f1))) / (f2 - 1 + f1 - (e5 * (f1 - e6)))
f4 = (d5 + ((e1 + e2 + e3 + e4) / 1000) + f3) * e5 'Precipitados
f5 = ((f4 * (1 - e6 - f2)) + (CSng(frmclarificacion.Text5(0)) * (1 - f0 - f2)) - (CSng(frmclarificacion.Text5(1)) * f2)) / (1 - f1 - f2) 'ton cachaza
f6 = 801.098307 - (20.956268 * (f1 * 100)) + (0.13849 * ((f1 * 100) ^ 2))
f7 = d5 + f3 + ((e1 + e2 + e3 + e4) / 1000) - f4 'ton jc
f8 = (d5 * d7 / 100) + ((e1 + e2 + e3) / 1000) + (f3 * f2) - (f4 * (1 - e6))
f9 = (d5 * d6 / 100) - (f5 * f6 / 100)
f10 = f8 / f7
f11 = f9 / f7
f12 = f11 / f10
f13 = f7 + (CSng(bb3) / 1000)

End Function
```

ccristalizacion

```
Function cristalizacion()

' calcular datos de prevaporacion deel jarabe
'j1 = h16
'j2 = h18
'j3=h15
If (h16 > 65) Then
  j4 = h16
Else
  j4 = 70
```

```
End If
j5 = h15 * h16 / j4
j6 = FormatNumber(h15, 3) - FormatNumber(j5, 3)
j7 = (h18 * j4)
j8 = j7 / j4

'calcular datos brix
'j9=j4
'asignar datos brix a la tabla
frmcristalizacion.Text4(0) = CSng(j4)

'calcular datos pureza
j10 = j7 * 100 / j4
j11 = j10 + CSng(frmcristalizacion.Text10(0))
j13 = j11 - CSng(frmcristalizacion.Text9(0))
j14 = j11 - CSng(frmcristalizacion.Text9(1))
j12 = (j13 * 1 / 3) + (j14 * 2 / 3)
j15 = j14 - CSng(frmcristalizacion.Text10(1))
j16 = j15 - CSng(frmcristalizacion.Text9(2))
j17 = j16 + CSng(frmcristalizacion.Text10(2))
j18 = j17 - CSng(frmcristalizacion.Text9(3))

'calcular datos pol
'j19 = j7
j20 = CSng(frmcristalizacion.Text1(0)) * j11 / 100
j21 = j12 * CSng(frmcristalizacion.Text1(1)) / 100
j22 = CSng(frmcristalizacion.Text1(2)) * j13 / 100
j23 = CSng(frmcristalizacion.Text1(3)) * j14 / 100
j24 = CSng(frmcristalizacion.Text1(4)) * CSng(frmcristalizacion.text2(0)) / 100
j25 = CSng(frmcristalizacion.Text1(5)) * j15 / 100
j26 = CSng(frmcristalizacion.Text1(6)) * j16 / 100
j27 = CSng(frmcristalizacion.Text1(7)) * CSng(frmcristalizacion.text2(1)) / 100
j28 = CSng(frmcristalizacion.Text1(8)) * j17 / 100
j29 = CSng(frmcristalizacion.Text1(9)) * j18 / 100
j30 = CSng(frmcristalizacion.Text1(10)) * CSng(frmcristalizacion.text2(2)) / 100
j19 = CSng(frmcristalizacion.Text1(11)) * CSng(frmcristalizacion.text2(3)) / 100

'calcular datos deensidad
j31 = ((0.00597 * j4) + 0.93109) * (((92 - j10) / 1500) + 1)
j32 = ((0.00597 * CSng(frmcristalizacion.Text1(1))) + 0.93109) * (((92 - j12) / 1500) + 1)
j33 = ((0.00597 * CSng(frmcristalizacion.Text1(2))) + 0.93109) * (((92 - j13) / 1500) + 1)
j34 = ((0.00597 * CSng(frmcristalizacion.Text1(3))) + 0.93109) * (((92 - j14) / 1500) + 1)
j35 = ((0.00597 * CSng(frmcristalizacion.Text1(6))) + 0.93109) * (((92 - j16) / 1500) + 1)
j36 = ((0.00597 * CSng(frmcristalizacion.Text1(9))) + 0.93109) * (((92 - j18) / 1500) + 1)

'calcular cantidad comercial
'i1 = frmcristalizacion.Text2(0)
i2 = CSng(frmcristalizacion.Text8(2)) * CSng(frmcristalizacion.text2(0)) / 100
'i3 = j22
'i4 = frmcristalizacion.Text1(10)
'i5 = j30
```

```
i6 = (((CSng(frmcristalizacion.Text8(3))) * ((CSng(frmcristalizacion.Text8(4))) - (CSng(frmcristalizacion.Text8(6))))) + (CSng(frmcristalizacion.Text8(5)) * ((CSng(frmcristalizacion.Text1(10))) - (CSng(frmcristalizacion.Text8(6))))) + (((CSng(frmcristalizacion.Text8(0)) + CSng(frmcristalizacion.Text8(1))) / 1000) * (CSng(frmcristalizacion.Text8(2)) - (CSng(frmcristalizacion.Text8(6))))))) / (CSng(frmcristalizacion.Text8(6)))
i7 = ((CSng(frmcristalizacion.Text8(0)) + (CSng(frmcristalizacion.Text8(1)))) / 1000) + CSng(frmcristalizacion.Text8(3)) + CSng(frmcristalizacion.Text8(5)) + i6
i8 = ((CSng(frmcristalizacion.Text8(3)) * j22) + (j30 * CSng(frmcristalizacion.Text8(5))) + (((CSng(frmcristalizacion.Text8(0)) + (CSng(frmcristalizacion.Text8(1)))) / 1000) * i2)) / i7
i9 = (0.00597 * CSng(frmcristalizacion.Text8(6)) + 0.93109) * (((92 - i8) / 15000) + 1) + 0.02
bb7 = CSng(frmcristalizacion.Text3(3))
bb8 = CSng(frmcristalizacion.Text3(0))
bb9 = CSng(frmcristalizacion.Text1(0))
bb10 = CSng(frmcristalizacion.Text1(7))
bb11 = CSng(frmcristalizacion.Text1(2))
bb12 = CSng(frmcristalizacion.Text3(2))
bb13 = CSng(frmcristalizacion.Text3(6))
bb14 = CSng(frmcristalizacion.Text1(5))
bb15 = CSng(frmcristalizacion.Text1(11))
bb16 = CSng(frmcristalizacion.Text3(4))
bb17 = CSng(frmcristalizacion.Text1(8))
bb18 = CSng(frmcristalizacion.text2(0))
bb19 = CSng(frmcristalizacion.Text1(4))
bb20 = CSng(frmcristalizacion.Text8(0))
bb21 = CSng(frmcristalizacion.Text8(1))
bb22 = CSng(frmcristalizacion.Text1(7))
bb23 = CSng(frmcristalizacion.Text1(3))
bb24 = CSng(frmcristalizacion.Text1(6))
bb25 = CSng(frmcristalizacion.Text1(9))
bb26 = CSng(frmcristalizacion.Text8(6))
bb30 = CSng(frmcristalizacion.Text8(3))
bb31 = CSng(frmcristalizacion.Text8(5))
bb40 = CSng(frmcristalizacion.Text10(0))
End Function
```

cevaporadores

```
Function limpiezasemanal() 'borrar
'calcular despues limpieza semanal
'g0 = f7
g1 = f10 * 100
g2 = f11 * 100
g3 = g2 / g1

End Function

Function salidaevaporadores()

'calcular despues limpieza semanal
```

```
'g0 = f7
g1 = f10 * 100
g2 = f11 * 100
g3 = g2 / g1


'calculados pza jugo evaporadores
g4 = g3 - 0.00008
g5 = g4 - 0.000075
g6 = g5 - 0.000075
g7 = g6 - 0.000075
g8 = g7 - 0.000075

'calculados pol jugo evaporadores
g9 = CSng(frmevaporadores.Text1(0)) * g4
g10 = CSng(frmevaporadores.Text1(1)) * g5
g11 = CSng(frmevaporadores.Text1(2)) * g6
g12 = CSng(frmevaporadores.Text1(3)) * g7
g13 = CSng(frmevaporadores.Text1(4)) * g8

'calculados condensadores evaporasdores
g14 = f7 * ((g2 / 100) - (CSng(frmevaporadores.Text9) / 1000000)) / ((g9 / 100) -
(CSng(frmevaporadores.Text9) / 1000000))
g15 = g14 * ((g9 / 100) - (CSng(frmevaporadores.text2(1)) / 1000000)) / ((g10 / 100) -
(CSng(frmevaporadores.text2(1)) / 1000000))
g16 = g15 * ((g10 / 100) - (CSng(frmevaporadores.text2(2)) / 1000000)) / ((g11 / 100) -
(CSng(frmevaporadores.text2(2)) / 1000000))
g17 = g16 * ((g11 / 100) - (CSng(frmevaporadores.text2(3)) / 1000000)) / ((g12 / 100) -
(CSng(frmevaporadores.text2(3)) / 1000000))
g18 = g17 * ((g12 / 100) - (CSng(frmevaporadores.text2(4)) / 1000000)) / ((g13 / 100) -
(CSng(frmevaporadores.text2(4)) / 1000000))

'calculados evapopradores
g19 = f7 - g14
g20 = g14 - g15
g21 = g15 - g16
g22 = g16 - g17
g23 = g17 - g18

'calculo Perdidas evaporadores
g24 = g19 * CSng(frmevaporadores.text2(0)) / 1000000
g25 = g20 * CSng(frmevaporadores.text2(1)) / 1000000
g26 = g21 * CSng(frmevaporadores.text2(2)) / 1000000
g27 = g22 * CSng(frmevaporadores.text2(3)) / 1000000
g28 = g23 * CSng(frmevaporadores.text2(4)) / 1000000


'calcular clarificador de meladura
'h4=g18
'h5=frmevaporadores.Text1(4)
h6 = CSng(frmevaporadores.Text1(4)) * g8
```

```
'h7=g8
h8 = CSng(frmevaporadores.Text11(0)) * CSng(frmevaporadores.Text11(1)) / 1000
h9 = A * CSng(frmevaporadores.Text11(3))
h10 = A * CSng(frmevaporadores.Text11(4))
h11 = 999 * h10
h12 = (g18 * (CSng(frmevaporadores.Text1(4)) / 100) * (1 - (g8 / 100)) * 0.68 / 100) / 0.68
'h13 = h8
h14 = CSng(frmevaporadores.Text11(7)) * A
h15 = g18 + CSng(frmevaporadores.Text11(2)) + ((h9 + h10 + (h14 * 2 * CSng(frmevaporadores.Text11(8))) + h11) / 1000) - h12
h16 = ((g18 * CSng(frmevaporadores.Text1(4)) / 100) + ((h9 + h10 + (h14 * CSng(frmevaporadores.Text11(8)) * 2)) / 1000) - (h12 * CSng(frmevaporadores.Text11(5)))) * 100 / h15
h17 = ((h6 * g18 / 100) - (h12 * CSng(frmevaporadores.Text11(6)))) / h15 * 100
h18 = h17 / h16


'calcular condensador barometrica del 4 evaporador
'h2 = (g23 * (CSng(frmevaporadores.Text13(2)) - CSng(frmevaporadores.Text13(4)))) / (CSng(frmevaporadores.Text13(4)) - CSng(frmevaporadores.Text13(3)))
'h3 = h2 + g23
'ADICIONALES
bb33 = CSng(frmevaporadores.text2(0))
bb34 = CSng(frmevaporadores.text2(1))
bb35 = CSng(frmevaporadores.text2(2))
bb36 = CSng(frmevaporadores.text2(3))
bb37 = CSng(frmevaporadores.text2(4))
End Function
```

cmasacocidaa

```
Function masaca()
'calcular datos de Masa Cocida A
'datos calculados para masacocida A
k1 = 1 / j31
k2 = (j7 - CSng(frmmasaca.Text4(0))) / 100
k3 = 1 / CSng(bb7)
k4 = (j27 - CSng(frmmasaca.Text4(0))) / 100
k5 = ((CSng(frmmasaca.Text4(1)) * k4) - (CSng(frmmasaca.Text4(2)) * k3)) / ((k1 * k4) - (k2 * k3))
k6 = ((k1 * CSng(frmmasaca.Text4(2))) - (CSng(frmmasaca.Text4(1)) * k2)) / ((k1 * k4) - (k2 * k3))

k16 = (CSng(frmmasaca.Text1(0)) / 10) * bb8
'k17 = bb8
k18 = (k5 / j31) * 10
'k19=k5
k20 = k6 / bb7 * 10
'k21=k6
'k23 = i7
```

```
k22 = i7 * 10 / i9
'Datos calculados
k8 = (k16 * bb9 / 100) - (k5 * j4 / 100) - (k6 * bb10 / 100) - (i7 * bb26 / 100)
k9 = (k16 * j20 / 100) - (k5 * j7 / 100) - (k6 * j27 / 100) - (i7 * i8 / 100)
k10 = j4 / 100
k11 = j7 / 100
k12 = bb11 / 100
k13 = j22 / 100
k14 = ((k8 * k13) - (k9 * k12)) / ((k10 * k13) - (k11 * k12)) - 0.04
k15 = ((k10 * k9) - (k8 * k11)) / ((k10 * k13) - (k11 * k12)) + 0.0432

'k24=k15
k25 = k15 * 10 / j33
'k26=k14
k27 = k14 * 10 / j31
k7 = k5 + k6 + i7 + k15 + k14 - k16
k28 = k16 * (((bb9 / CSng(bb9 - 0.55))) - 1)
k29 = k16 * CSng(bb9) / (k16 + k28)
k30 = k29 * j11 / 100
k31 = k16 + k28
k32 = CSng(frmmasaca.text2(0)) * j12 / 100
k33 = k31 * (j24 - k30) / (j24 - k32)
k34 = CSng(frmmasaca.text2(1)) * j14 / 100
k37 = CSng(frmmasaca.text2(2)) * j13 / 100
k35 = k33 * (k37 - k32) / (k37 - k34)
k38 = k33 * (k32 - k34) / (k37 - k34)
k36 = k38 * (1 - (CSng(frmmasaca.text2(2)) / CSng(frmmasaca.text2(1))))
k39 = k31 - k33
k40 = k39 / k31
k41 = k38 / k31
k42 = k35 / k31
k43 = k7 / CSng(frmmasaca.Text1(2))
'k44=frmmasaca.Text1(4)
k45 = k43 * (CSng(frmmasaca.Text3(0)) - CSng(frmmasaca.Text3(2))) /
(CSng(frmmasaca.Text3(2)) - CSng(frmmasaca.Text3(1)))
k46 = k43 + k45
k47 = k38 * ((CSng(frmmasaca.text2(2)) / 65) - 1)
k48 = k35 * ((CSng(frmmasaca.text2(1)) / 65) - 1)
k49 = k48 + k47 + k38 + k35
k50 = k47 + k38 - k15
k51 = k48 + k35

End Function
```

cmasacocidab

```
Function masacb()
l3 = CSng(frmmasacb.Text1(0)) * CSng(bb12) / 10
l4 = CSng(bb12)
l10 = CSng(frmmasacb.Text1(1)) * CSng(bb13) / 10
```

```
l1 = (l3 * CSng(bb14) / 100) - (l10 * CSng(bb15) / 100)
l2 = (l3 * j25 / 100) - (l10 * j19 / 100)
l6 = j23 / 100
l7 = j22 / 100
l8 = ((l1 * l7) - (l2 * CSng(frmmasacb.Text4(1)))) / ((CSng(frmmasacb.Text4(0)) * l7) - (l6 *
CSng(frmmasacb.Text4(1))))
l9 = ((CSng(frmmasacb.Text4(0)) * l2) - (l1 * l6)) / ((CSng(frmmasacb.Text4(0)) * l7) - (l6 *
CSng(frmmasacb.Text4(1))))

'l11=l8
'l12 = l9
l13 = (l10 + l8 + l9) - l3
l14 = l3 * (((CSng(bb14) / (CSng(bb14) - 0.65))) - 1)

'centrifugas
l17 = l3 + l14
l15 = l3 * CSng(bb14) / l17
l16 = j25 * l3 / l17
l19 = CSng(frmmasacb.text2(0)) * j16 / 100
l18 = l17 * (j27 - l16) / (j27 - l19)
l20 = l17 * (l16 - l19) / (j27 - l19)
l21 = l20 / l17
l22 = l18 / l17

'condensador
l23 = l13 / CSng(frmmasacb.Text1(3))
l24 = CSng(frmmasacb.Text1(4))
l25 = l23 * ((1 * CSng(frmmasacb.Text3(0))) - (1 * CSng(frmmasacb.Text3(2)))) /
(CSng(frmmasacb.Text3(2)) - CSng(frmmasacb.Text3(1)))
l26 = l23 + l25

'dilucion de Mieles
l27 = l18 * (((1 * CSng(frmmasacb.text2(0))) / (1 * CSng(frmmasacb.Text3(3)))) - 1)
l28 = l27 + l18
l29 = l28 - CSng(frmmasacb.Text1(2))
bb41 = CSng(frmmasacb.Text1(2))

End Function
```

cmasacocidac

```
Function masacc()
'calcular valores de Masa Cocida C
mm1 = CSng(frmmasacc.Text1(0)) * bb16 / 10
'mm2 = frmcristalizacion.Text3(4)
mm3 = CSng(frmmasacc.Text1(1)) * bb13 / 10
mm4 = (mm1 * bb17 / 100) - (mm3 * bb15 / 100)
mm5 = (mm1 * j28 / 100) - (mm3 * j19 / 100)
m6 = (j16 * 0.65) / 100
m7 = (j18 * 0.65) / 100
```

```
m8 = ((mm4 * m7) - (mm5 * CSng(frmmasacc.Text4(1)))) / ((CSng(frmmasacc.Text4(0)) *
m7) - (m6 * CSng(frmmasacc.Text4(1))))
m9 = ((CSng(frmmasacc.Text4(0)) * mm5) - (mm4 * m6)) / ((CSng(frmmasacc.Text4(0)) *
m7) - (m6 * CSng(frmmasacc.Text4(1))))

'm10=m8
'm11=m9
m12 = (mm3 + m8 + m9) - mm1
m13 = mm1 * ((((1 * bb17) / (bb17 - 1.35))) - 1)

'centrifuga
m16 = mm1 + m13
m14 = mm1 * bb17 / m16
m15 = j28 * mm1 / m16
m18 = CSng(frmmasacc.text2(0)) * j18 / 100
m17 = m16 * (j30 - m15) / (j30 - m18)
m19 = m16 * (m15 - m18) / (j30 - m18)
m20 = m19 / m16
m21 = m17 / m16

'condensador
m22 = m12 / CSng(frmmasacc.Text1(2))
m23 = CSng(frmmasacc.Text1(3))
m24 = m22 * ((1 * CSng(frmmasacc.Text3(0))) - (1 * CSng(frmmasacc.Text3(2)))) / ((1 *
CSng(frmmasacc.Text3(2))) - (1 * CSng(frmmasacc.Text3(1))))
m25 = m22 + m24
m26 = m17 * ((CSng(frmmasacc.text2(0)) / (1 * CSng(frmmasacc.Text3(3)))) - 1)
m27 = m26 + m17
m28 = m27 - m9

End Function
```

cmolinos

```
Function cmolinos()
'pOL BAGAZO
If frmmolinos.Text8(0) <= 3.53 Then
  frmmolinos.Text8(4) = CSng(((-3.4435 * frmmolinos.Text8(0)) + 18.303))
ElseIf frmmolinos.Text8(0) <= 4.58 Then
   frmmolinos.Text8(4) = CSng(((0.0287 * frmmolinos.Text8(0)) + 6.0386))
ElseIf frmmolinos.Text8(0) <= 4.73 Then
   frmmolinos.Text8(4) = CSng(((1.766 * frmmolinos.Text8(0)) - 1.9145))
ElseIf frmmolinos.Text8(0) <= 4.92 Then
   frmmolinos.Text8(4) = CSng(((48.165 * (frmmolinos.Text8(0) ^ 2)) - (463.99 *
frmmolinos.Text8(0)) + 1123.5))
ElseIf frmmolinos.Text8(0) <= 5.73 Then
   frmmolinos.Text8(4) = CSng(((-0.5064 * CSng(frmmolinos.Text8(0))) + 9.0628))
Else
   frmmolinos.Text8(4) = CSng(((-(1.636 * (frmmolinos.Text8(0) ^ 2)) + (19.9087 *
frmmolinos.Text8(0)) - 54.2082)))
End If
```

```
'HUMEDAD DE BAGAZO
If frmmolinos.Text8(0) <= 3.53 Then
   frmmolinos.Text8(5) = FormatNumber(((5.4859 * frmmolinos.Text8(0)) + 30.694), 7)
ElseIf frmmolinos.Text8(0) <= 4.58 Then
   frmmolinos.Text8(5) = FormatNumber((45.847 + (1.1956 * frmmolinos.Text8(0))), 7)
ElseIf frmmolinos.Text8(0) <= 4.79 Then
   frmmolinos.Text8(5) = FormatNumber(((175.17 * (frmmolinos.Text8(0) ^ 2) -
(1652.322 * frmmolinos.Text8(0)) + 3944.413)), 7)
ElseIf frmmolinos.Text8(0) <= 4.92 Then
   frmmolinos.Text8(5) = FormatNumber(((-8.7623 * frmmolinos.Text8(0)) + 90.7477), 7)
ElseIf frmmolinos.Text8(0) <= 5.73 Then
   frmmolinos.Text8(5) = FormatNumber(((1.729 * frmmolinos.Text8(0)) + 39.098), 7)
Else
   frmmolinos.Text8(5) = CSng(((-3.5557 * (frmmolinos.Text8(0) ^ 3)) + (66.278 *
(frmmolinos.Text8(0) ^ 2)) - (412.6436 * frmmolinos.Text8(0)) + 906.3144))

End If

If frmmolinos.Text1(7) <> 0 Then
   b1 = ((CSng(frmmolinos.Text8(5)) / 100 - 1 + CSng(frmmolinos.Text1(7)))) /
(CSng(frmmolinos.Text1(7)))  'Z
Else
   'frmmolinos.Text1(7) = 0.918 'Z
   'b1 = 0.918
   MsgBox ("ingrese el valor de bZ de Kg fibra humeda/Kg bagazo y vuelva a calcular")
End If

b2 = CSng(frmmolinos.Text1(0)) * (1 - CSng(frmmolinos.Text1(8))) 'A
'b2 = (CSng(frmmolinos.Text1(0)) / CSng(frmmolinos.Text1(21)))
'b3 = (1 - CSng(frmmolinos.Text1(8))) 'A
b3 = CSng(frmmolinos.Text1(1)) * (1 - CSng(frmmolinos.Text1(9)))  'B
b0 = CSng(frmmolinos.Text1(15)) * (1 - CSng(frmmolinos.Text1(16))) 'C
b4 = CSng(frmmolinos.Text1(2)) * (1 - CSng(frmmolinos.Text1(10)))  'BOE
b5 = CSng(frmmolinos.Text1(3)) * (1 - CSng(frmmolinos.Text1(11))) 'E
b6 = CSng(frmmolinos.Text1(4)) * (1 - CSng(frmmolinos.Text1(12)))  'F
b7 = CSng(frmmolinos.Text1(5)) * (1 - CSng(frmmolinos.Text1(13)))  'I
b8 = CSng(frmmolinos.Text1(6)) * (1 - CSng(frmmolinos.Text1(14)))  'L
b9 = CSng(frmmolinos.Text1(7)) * (1 - CSng(b1))  'Z
b10 = CSng(frmmolinos.Text1(17)) * (1 - CSng(frmmolinos.Text1(18))) 'G

A = CSng(frmmolinos.Text8(1)) / (24 - (CSng(frmmolinos.Text8(2))))
J = (A * (1 - (b2 / b9))) + CSng(frmmolinos.Text8(0))
Z = A * b2 / b9
L = A * b2 / b8
F = A * b2 / b6
'corr = CSng(frmmolinos.Text8(0))
bI1 = 1 / ((CSng(frmmolinos.Text8(0)) / (A * b2)) + (1 / b8) + (1 / b6) - (1 / b9))
i = (A * b2 / bI1)
O = (A * b2 * ((1 / b6) - (1 / b9))) + CSng(frmmolinos.Text8(0))
O1 = A * b2 * ((1 / bI1) - (1 / b8))
```

```
H = A * b2 * ((1 / b8) - (1 / b9))
B = A * (b2 - (CSng(frmmolinos.Text8(7)) * b0)) / (b3 - (b0 * CSng(frmmolinos.Text8(7))))
C = (A * (b3 - b2)) / (b3 - (b0 * CSng(frmmolinos.Text8(7))))
G = (C * (CSng(frmmolinos.Text8(7)) - 1) + J) / (1 - CSng(frmmolinos.Text8(8)))
E = (C * CSng(frmmolinos.Text8(7))) + (G * CSng(frmmolinos.Text8(8)))
bE = ((F * b6) + (G * b10 * CSng(frmmolinos.Text8(8))) - (b3 * B)) / E

'calcular poljugomixto y brix jugo mixto
pjm = ((CSng(frmmolinos.text2(0)) * A * (1 - b2)) - (Z * (1 - b9) * CSng(frmmolinos.Text8(4)))) / ((A * (1 - b2)) - (Z * (1 - b9)) + CSng(frmmolinos.Text8(0)))
' Calcular Perdida de sacarosa en los molinos
m0 = ((A * CSng(frmmolinos.text2(0))) - (B * CSng(frmmolinos.text2(1))) - (C * (1 - CSng(frmmolinos.Text8(7))) * CSng(frmmolinos.text2(2))) - (C * CSng(frmmolinos.Text8(7)) * CSng(frmmolinos.text2(9)))) / 100
m1 = ((C * (1 - CSng(frmmolinos.Text8(7))) * CSng(frmmolinos.text2(2))) + (G * (1 - CSng(frmmolinos.Text8(8))) * CSng(frmmolinos.text2(5))) - (J * pjm)) / 10000 'tamizaje jugo
m2 = ((C * CSng(frmmolinos.Text8(7)) * CSng(frmmolinos.text2(9))) + (G * CSng(frmmolinos.Text8(8)) * CSng(frmmolinos.text2(10))) + 0.001 - (E * CSng(frmmolinos.text2(3)))) / 100 - 0.001 'tamizaje bagazo
If m2 < 0 Then
m2 = Abs(m2)
End If
m3 = ((B * CSng(frmmolinos.text2(1))) + (E * CSng(frmmolinos.text2(3))) + (O * CSng(frmmolinos.text2(8))) - ((CSng(frmmolinos.text2(4)) * F) + (G * (1 - CSng(frmmolinos.Text8(8))) * CSng(frmmolinos.text2(5))) + (G * CSng(frmmolinos.Text8(8)) * CSng(frmmolinos.text2(10))))) / 100 'molinos 2
m4 = ((F * CSng(frmmolinos.text2(4)) / 100) + (H * CSng(frmmolinos.text2(6)) / 100)) - ((L * CSng(frmmolinos.text2(7)) / 100) + (O * CSng(frmmolinos.text2(8)) / 100))
m5 = (L * CSng(frmmolinos.text2(7)) / 100) - ((Z * CSng(frmmolinos.Text8(4)) / 100) + (H * CSng(frmmolinos.text2(6)) / 100))
mt = m0 + m3 + m4 + m5 + m1 + m2
'mt = (A * frmmolinos.text2(0) / 100) - ((J * frmmolinos.Text8(9) / 100) + (Z * frmmolinos.Text8(4) / 100))

jm = CSng(frmmolinos.Text8(0)) + A - Z - 0.03
a20 = CSng(frmmolinos.Text8(6)) * A
pjm1 = ((CSng(frmmolinos.Text8(3)) * A / 100) - (Z * CSng(frmmolinos.Text8(4)) / 100) - mt) * 100 / jm
bjm = (-0.443414 * CSng(frmmolinos.Text8(0))) + 19.131246
pb = Z * CSng(frmmolinos.Text8(4)) / 100
bb1 = CSng(frmmolinos.Text8(0))
bb2 = CSng(frmmolinos.Text8(5))
bb3 = CSng(frmmolinos.Text8(6))
bb4 = CSng(frmmolinos.Text8(1))
bb5 = CSng(frmmolinos.Text8(3))
bb6 = CSng(frmmolinos.Text8(11))
bb32 = CSng(frmmolinos.Text8(4))
' Calcular valores de perdida dee molinos
```

End Function

cptempla

```
Function ptempla()
n1 = CSng(frmptempla.Text1(0)) * bb13 / 10
'n2=frmcristalizacion.Text3(6)
n3 = (CSng(frmptempla.Text1(2)) / 10) * j33

n4 = (n1 * bb15 / 100) - (n3 * bb11 / 100) - CSng(frmptempla.Text1(1))
n5 = (n1 * j19 / 100) - (n3 * j22 / 100) - CSng(frmptempla.Text1(1))
n6 = j23 / 100
n7 = j26 / 100
n8 = ((n4 * n7) - (n5 * CSng(frmptempla.Text4(1)))) / ((CSng(frmptempla.Text4(0)) * n7) -
(n6 * CSng(frmptempla.Text4(1))))
n9 = ((CSng(frmptempla.Text4(0)) * n5) - (n4 * n6)) / ((CSng(frmptempla.Text4(0)) * n7) -
(n6 * CSng(frmptempla.Text4(1))))
'n10=n8
'n11=n9
n12 = CSng(frmptempla.Text1(3)) + (n8 + n9 + n3 + (1 * CSng(frmptempla.Text1(1))) -
n1)

'condensador barometrico
n13 = n12 / CSng(frmptempla.Text1(4))
n14 = CSng(frmptempla.Text1(5))
n15 = n13 * ((1 * CSng(frmptempla.Text3(0))) - (1 * CSng(frmptempla.Text3(2)))) /
(CSng(frmptempla.Text3(2)) - CSng(frmptempla.Text3(1)))
n16 = n13 + n15
bb27 = CSng(frmptempla.Text1(1))
bb42 = CSng(frmptempla.Text1(3))
End Function
Function Secadora()
'calcular datos de secadora
'n17 = k39
'n18 = j24
'n19 = frmcristalizacion.Text1(4)
n21 = (1 - (0.08 / 100)) * 100
n20 = bb18 * n21 / 100
n22 = k39 * (1 - (bb19 / n21))
n23 = k39 - n22

n25 = k39 / 6
n26 = 32 * 8 / 60
n27 = j5 * 24 / (k5 + k14)

n24 = n25 * n26
n31 = k39 - ((bb20 + bb21 + n24) / 1000) - n22
n32 = n31 * n27

'n33 = frmmolinos.text8(1)
```

```
n34 = n32 * 100 / (j5 * j7 * 24) * 100
n35 = n32 / ((1 * bb4) * (1 * bb5) / 100) * 100

n36 = n32 / bb4 * 1000

'calculados otros
n28 = n31 * n27 / 24
n29 = (h15 * h17 / 100) * 24 / n27
n30 = (bb20 + bb21) / 1000

End Function
```

cpurificaions

```
Function cpurificacions()
'Calcular sulfitacion
c1 = CSng(frmpurificacions.Text1(0)) * A
c2 = jm + ((a20 + (c1 * CSng(frmpurificacions.Text1(1)) * 2)) / 1000)
c3 = (jm * pjm1) / c2
c4 = ((jm * (bjm / 100) + (c1 * CSng(frmpurificacions.Text1(1)) * 2 / 1000) + (a20 / 1000)) / c2) * 100
'c8=c3/c4
'Calcular Encalado
d1 = CSng(frmpurificacions.text2(3)) * A / 1000
d2 = d1 * (1 - CSng(frmpurificacions.text2(2))) / CSng(frmpurificacions.text2(2))
d3 = d1 + d2
d4 = CSng(frmpurificacions.text2(4)) * A
d5 = c2 + d3 + (d4 / 1000)
d6 = c2 * (c3 / 100) / d5 * 100
d7 = (c2 * (c4 / 100) + d1 + (d4 / 1000)) * 100 / d5
d8 = d6 * 100 / d7
End Function
```

cresumen

```
Function resumen()
'Calcular produccion de masas
o0 = k5 + k14
o15 = k47 + k38
o16 = k35 + k48
'calcular MCA
o23 = k5 + k14
o24 = o15 - k15
o26 = j5 * 24
If o23 <> 0 Then
   o27 = o26 / o23
End If

'calcular MCB
o33 = n3 / 3
```

```
o34 = n8 / 3
o35 = n9 / 3
o36 = bb27 / 3

'calcular requerimientos en resumen
o44 = l8 + o34

'calcular para determinar el # de MCB, MCC y de PIES / DIA
o57 = o27
If (m8 + (n9 / 3)) <> 0 Then
   o56 = (l29 - (n9 / 3)) / (m8 + (n9 / 3))
Else
   MsgBox " error div!0 en la masa cocida B"
End If
If (l8 + ((n8 / 3) * (1 + o56))) <> 0 Then
   o58 = (k51 * o27) / (l8 + ((n8 / 3) * (1 + o56)))
Else
   MsgBox " error div!0 en la masa cocida C"
End If
o59 = o56 * o58
o60 = (o58 + o59) / 3

'calcular sobrantes del día
'Producidos
o61 = k50 * o27
o62 = n1 * o60
o63 = k51 * o27
o64 = l29 * o58
o65 = l20 * o58
o66 = m19 * o59
o67 = m27 * o59
'Consumidos
o68 = (l9 * o58) + (n3 * o60) + (0.01715)
o69 = (l10 * o58) + (mm3 * o59)
o70 = (l8 * o58) + (n8 * o60)
o71 = (m8 * o59) + (n9 * o60)
o72 = (k6 * o27)
o73 = m9 * o59
'Perdidas
o74 = o61 - o68
o75 = FormatNumber(o62, 5) * 1 - FormatNumber(o69, 5) * 1
o76 = FormatNumber(o63, 5) - FormatNumber(o70, 5)
o77 = FormatNumber(o64, 5) - FormatNumber(o71, 5)
o78 = FormatNumber(o65, 5) - FormatNumber(o72, 5)
o80 = o67 - o73

o79 = o66

End Function
```

habilitarcampos

```
Function habilitartextos(ByVal paso)
Dim paso1 As Integer
Select Case paso:
Case 1:
        frmmolinos.Text8(0).Enabled = True
        frmmolinos.Text8(1).Enabled = True
        frmmolinos.Text8(2).Enabled = True
        frmmolinos.Text8(3).Enabled = True
        frmmolinos.Text8(6).Enabled = True
        frmmolinos.Text8(7).Enabled = True
        frmmolinos.Text8(8).Enabled = True
        frmmolinos.Text8(9).Enabled = True
        frmmolinos.Text8(10).Enabled = True
        frmmolinos.Text8(11).Enabled = True
        For paso1 = 0 To 18
           frmmolinos.Text1(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 10
           frmmolinos.text2(paso1).Enabled = True
        Next paso1
Case 2:
        frmmolinos.Text9(0).Enabled = True
        frmmolinos.Text9(1).Enabled = True
        frmmolinos.Text9(2).Enabled = True
        frmmolinos.Text9(3).Enabled = True
        frmmolinos.Text9(5).Enabled = True
        frmmolinos.Text9(6).Enabled = True
        frmmolinos.Text8(4).Enabled = True
        frmmolinos.Text8(5).Enabled = True
        For paso1 = 0 To 5
           frmmolinos.Text3(paso1).Enabled = True
        Next paso1
        frmmolinos.Text3(8).Enabled = True
        frmmolinos.Text3(10).Enabled = True
        frmmolinos.Text3(11).Enabled = True
        frmmolinos.Text3(12).Enabled = True
        frmmolinos.Text3(13).Enabled = True
        frmmolinos.Text3(14).Enabled = True
        For paso1 = 0 To 8
           frmmolinos.Text6(paso1).Enabled = True
        Next paso1
'Modulo purificacion
Case 3: 'Purificacion campos ingreso
        For paso1 = 0 To 4
        frmpurificacions.text2(paso1).Enabled = True
        Next paso1
        frmpurificacions.Text1(0).Enabled = True
        frmpurificacions.Text1(1).Enabled = True
Case 4: 'Purificacion campos CALCULADOS
```

```
        For paso1 = 0 To 7
        frmpurificacions.Text4(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
        frmpurificacions.Text3(paso1).Enabled = True
        Next paso1

'Modulo Clarificacion
Case 5: 'Clarificacion campos ingreso
        frmclarificacion.Text1(0).Enabled = True
        frmclarificacion.Text1(1).Enabled = True
        frmclarificacion.text2(0).Enabled = True
        frmclarificacion.Text5(0).Enabled = True
        frmclarificacion.Text5(1).Enabled = True
Case 6: 'clarificacion campos CALCULADOS
        For paso1 = 0 To 3
           frmclarificacion.Text4(paso1).Enabled = True
        Next paso1
        frmclarificacion.Text3(0).Enabled = True
        frmclarificacion.Text3(1).Enabled = True
        For paso1 = 0 To 13
           frmclarificacion.Text6(paso1).Enabled = True
        Next paso1

'Modulo Evaporación
Case 7: 'ingreso
        For paso1 = 0 To 4
           frmevaporadores.Text1(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
           frmevaporadores.text2(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 8
           frmevaporadores.Text11(paso1).Enabled = True
        Next paso1

Case 8: 'CALCULADOS
        For paso1 = 0 To 3
           frmevaporadores.Text10(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
           frmevaporadores.Text3(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
           frmevaporadores.Text4(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
           frmevaporadores.Text5(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
           frmevaporadores.Text6(paso1).Enabled = True
```

```
        Next paso1
        For paso1 = 0 To 5
           frmevaporadores.Text7(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 14
           frmevaporadores.Text12(paso1).Enabled = True
        Next paso1

'Modulo CRISTALIZACION
Case 9: 'ingreso
        For paso1 = 0 To 6
           frmcristalizacion.Text8(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 2
           frmcristalizacion.Text10(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 11
           frmcristalizacion.Text1(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 3
           frmcristalizacion.text2(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 6
           frmcristalizacion.Text3(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 3
           frmcristalizacion.Text9(paso1).Enabled = True
        Next paso1
Case 10: 'CALCULADOS
        For paso1 = 0 To 8
           frmcristalizacion.Text11(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 12
           frmcristalizacion.Text5(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 8
           frmcristalizacion.Text6(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 5
           frmcristalizacion.Text7(paso1).Enabled = True
        Next paso1
        frmcristalizacion.Text4(0).Enabled = True

'Modulo CRISTALIZACION -MCA
Case 11: 'ingreso
        For paso1 = 0 To 6
           frmmasaca.Text1(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 2
           frmmasaca.text2(paso1).Enabled = True
        Next paso1
```

```
        For paso1 = 0 To 3
           frmmasaca.Text3(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 2
           frmmasaca.Text4(paso1).Enabled = True
        Next paso1
Case 12: 'CALCULADOS
        For paso1 = 0 To 5
           frmmasaca.Text5(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 7
           frmmasaca.Text8(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
           frmmasaca.Text6(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 8
           frmmasaca.Text9(paso1).Enabled = True
        Next paso1
        For paso1 = 4 To 8
           frmmasaca.Text10(paso1).Enabled = True
        Next paso1

'Modulo CRISTALIZACION -MCB
Case 13: 'ingreso
        For paso1 = 0 To 6
           frmmasacb.Text1(paso1).Enabled = True
        Next paso1
        frmmasacb.text2(0).Enabled = True
        frmmasacb.Text3(3).Enabled = True
        frmmasacb.Text4(0).Enabled = True
        frmmasacb.Text4(1).Enabled = True
Case 14: 'CALCULADOS
        frmmasacb.Text7.Enabled = True
        For paso1 = 0 To 5
           frmmasacb.Text11(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
           frmmasacb.Text6(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 2
           frmmasacb.Text9(paso1).Enabled = True
        Next paso1
        frmmasacb.Text12(0).Enabled = True
        frmmasacb.Text12(4).Enabled = True
        frmmasacb.Text12(5).Enabled = True
        frmmasacb.Text12(6).Enabled = True

'Modulo CRISTALIZACION -MCC
Case 15: 'ingreso
        For paso1 = 0 To 5
```

```
            frmmasacc.Text1(paso1).Enabled = True
        Next paso1
        frmmasacc.text2(0).Enabled = True
        frmmasacc.Text3(3).Enabled = True
        frmmasacc.Text4(0).Enabled = True
        frmmasacc.Text4(1).Enabled = True
Case 16: 'CALCULADOS
        frmmasacc.Text7.Enabled = True
        For paso1 = 0 To 5
            frmmasacc.Text11(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 4
            frmmasacc.Text6(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 2
            frmmasacc.Text9(paso1).Enabled = True
        Next paso1
        frmmasacc.Text12(0).Enabled = True
        frmmasacc.Text12(4).Enabled = True
        frmmasacc.Text12(5).Enabled = True
        frmmasacc.Text12(6).Enabled = True

'Modulo CRISTALIZACION -PIE TEMPLA
Case 17: 'ingreso
        For paso1 = 0 To 7
            frmptempla.Text1(paso1).Enabled = True
        Next paso1
        frmptempla.Text4(0).Enabled = True
        frmptempla.Text4(1).Enabled = True
Case 18: 'CALCULADOS
        For paso1 = 0 To 4
            frmptempla.Text11(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 3
            frmptempla.Text12(paso1).Enabled = True
        Next paso1
        frmptempla.Text7.Enabled = True

'Modulo Secadora
Case 19: 'ingreso
        For paso1 = 0 To 6
            frmsecadora.Text6(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 5
            frmsecadora.Text7(paso1).Enabled = True
        Next paso1
        For paso1 = 0 To 3
            frmsecadora.Text8(paso1).Enabled = True
        Next paso1
        frmsecadora.Text10(0).Enabled = True
        frmsecadora.Text10(1).Enabled = True
```

```
Case 20: 'CALCULADOS
      For paso1 = 0 To 3
         frmsecadora.Text14(paso1).Enabled = True
      Next paso1
      frmsecadora.Text15.Enabled = True
      For paso1 = 0 To 3
         frmsecadora.Text16(paso1).Enabled = True
      Next paso1
      For paso1 = 0 To 4
         frmsecadora.Text17(paso1).Enabled = True
      Next paso1
      For paso1 = 0 To 6
         frmsecadora.Text3(paso1).Enabled = True
      Next paso1
      For paso1 = 0 To 3
         frmsecadora.text2(paso1).Enabled = True
      Next paso1
      For paso1 = 0 To 2
         frmsecadora.Text4(paso1).Enabled = True
      Next paso1
      For paso1 = 0 To 5
         frmsecadora.Text5(paso1).Enabled = True
      Next paso1
      frmsecadora.Text12(0).Enabled = True
      frmsecadora.Text12(3).Enabled = True

End Select
End Function
```

variables

```
Public bandera As Single
Public contador As Integer
Public banm1, banm2 As Single
Public banp1, banp2, bancl1, bancl2, bane1, bane2, bancc1, bancc2 As Single
Public banma1, banma2, banmb1, banmb2, banmc1, banmc2, banpt1, banpt2 As Single
'vARIABLES mOLINOS
Public b0, b1, b2, b3, b4, b5, b6, b7, b8, b9, b10 As Single 'Kgfibra seca/kg bagazo
Public bb1, bb2, bb3, bb4, bb5, bb6, bb7, bb8, bb9, bb10, bb11, bb12, bb13, bb14, bb15,
bb16, bb17, bb18, bb19, bb20, bb21, bb22, bb23, bb24, bb25, bb26, bb27, bb28, bb29,
bb30, bb31, bb32 As Single 'Kgfibra seca/kg bagazo
Public bb33, bb34, bb35, bb36, bb37, bb38, bb39, bb40, bb41, bb42, bb43, bb44, bb45 As
Single '
Public a1, a2, a3, a4, a5, a6, a7 As Single ' parametrso iniciales
Public pbz, hbz As Single
Public A, W, J, Z, L, F, bI1, i, O, O1, H, B, C, G, E, bE, Xc, Xg As Single
Public m, m0, m1, m2, m3, m4, m5, mt, pjm, aux1, aux2, pb As Single
'Variables Purifiacion
Public c1, c2, c3, c4 As Single
Public d1, d2, d3, d4, d5, d6, d7, d8 As Single

'Variable Clarificacion
```

```
Public e1, e2, e3, e4, e5, e6 As Single
Public f0, f1, f2, f3, f4, f5, f6, f7, f8, f9, f10, f11, f12, f13, f14 As Single

'Variable Evaporacion
Public g0, g1, g2, g3, g4, g5, g6, g7, g8, g9, g10, g11, g12, g13, g14, g15, g16, g17, g18, g19,
g20, g21, g22, g23, g24, g25, g26, g27, g28 As Single
Public h6, h8, h9, h10, h11, h12, h14, h15, h16, h17, h18 As Single
Public h2, h3 As Single

'variables Cristalizacion
Public j9, j10, j11, j12, j13, j14, j15, j16, j17, j18, j19, j20, j21, j22, j23, j24, j25, j26, j27 As
Single
Public j28, j29, j30, j31, j32, j33, j34, j35, j36 As Single
Public i1, i2, i3, i4, i5, i6, i7, i8, i9 As Single
Public j1, j2, j3, j4, j5, j6, j7, j8 As Single

'variables Masa Cocida A
Public k1, k2, k3, k4, k5, k6, k7, k8, k10, k11, k12, k13, k14, k15, k16, k18, k19, k20 As
Single
Public k22, k24, k25, k26, k27, k28, k29, k30, k31, k32, k33, k34, k35, k36, k37, k38, k39,
k40 As Single
Public k41, k42, k43, k44, k45, k46, k47, k48, k49, k50, k51 As Single

'variables masa cocida B
Public l1, l2, l3, l4, l6, l7, l8, l9, l10 As Single
Public l11, l12, l13, l14, l15, l16, l17, l18, l19, l20 As Single
Public l21, l22, l23, l24, l25, l26, l27, l28, l29, l30 As Single

'variables masa cocida C
Public mm1, mm2, mm3, mm4, mm5, m6, m7, m8, m9, m10 As Single
Public m11, m12, m13, m14, m15, m16, m17, m18, m19, m20 As Single
Public m21, m22, m23, m24, m25, m26, m27, m28 As Single

'variables pie empla y secadora
Public n1, n2, n3, n4, n5, n6, n7, n8, n9, n10 As Single
Public n11, n12, n13, n14, n15, n16, n17, n18, n19, n20 As Single
Public n21, n22, n23, n24, n25, n26, n27, n28, n29, n30 As Single
Public n31, n32, n33, n34, n35, n36 As Single

'variables secadora
Public o0, o15, o23, o17, o16, o24, o26, o27, o33, o34, o35, o36, o44, o57, o58, o59, o60
As Single
Public o61, o62, o63, o64, o65, o66, o67, o68, o69, o70, o71, o72, o73 As Single
Public o74, o75, o76, o77, o78, o79, o80 As Single
Public p1, p2, p3, p4, p5, p7, p8, p11, p12, p13, p14, p15, p16, p17, p18 As Single
Public q41, q42, q43, q44, q45, q46, q47, q48 As Single

'variables bgeneral
Public r1, r10, r11, r12, r13, r14, r15 As Single
Public r16, r17, r18, r2, r3, r4, r5, r32, r20, r21, r22, r23, r6, r7 As Single
Public r8, r9, r24, r25, r26, r27, r28, r29, r30, r31, r33, r34, r35 As Single
```

```
Public r36, r37 As Single

'variables crmasas reporte
Public q1, q2, q3, q4, q5, q6, q7, q8, q9, q10, q28, q11, q12, q13, q14 As Single
Public q15, q16, q17, q18, q19 As Single
Sub main()
  frmSplash.Show
  bandera = 1
  contador = 0
End Sub
```