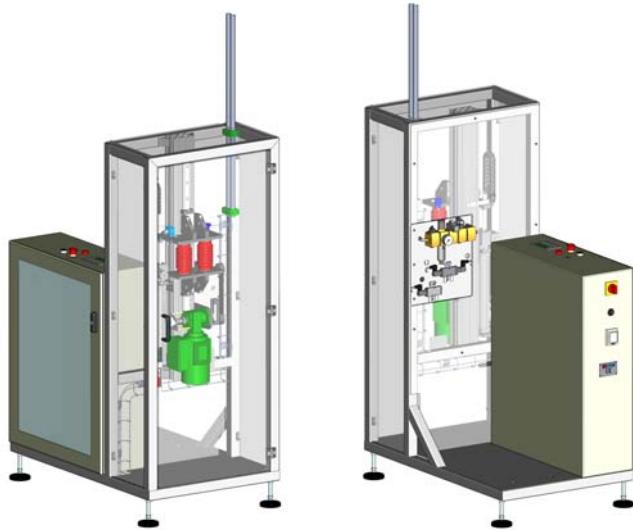


DOSSIER MACHINE

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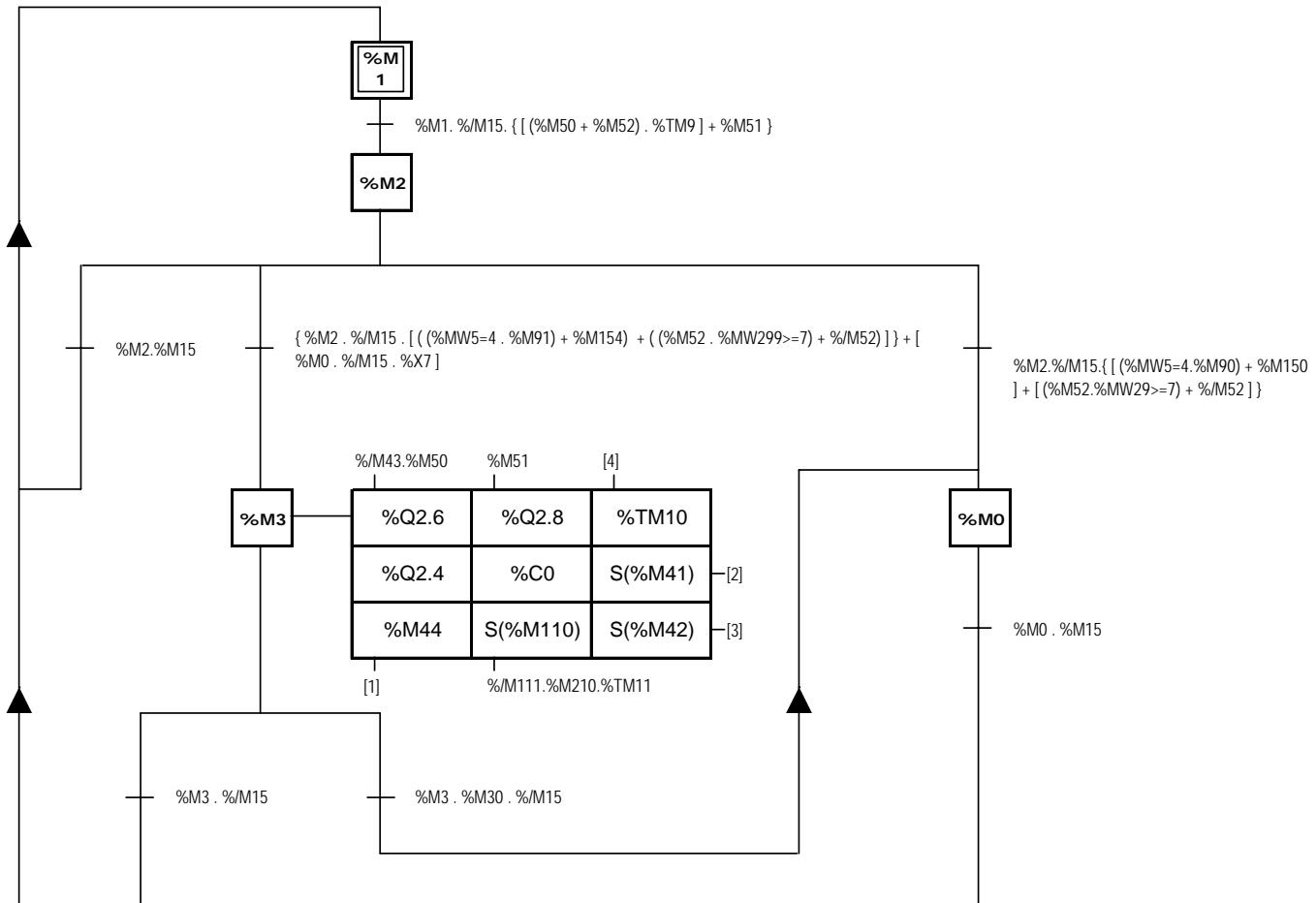


DOSSIER TECHNIQUE

F2.1 – GRAFCET Partie Commande codé

1 GRAFCET POINT DE VUE PARTIE COMMANDE CODE

1.1 GRAFCET de sécurité



$$C.I. = [(%M45 + \%I1.2) . %M43 . (%M50 + %M52)] + [\%M51 . ((\%MW37=%MW33 . %M3 . %TM19.Q) + (\%MW33+5>=%MW37 . \%M0))]$$

$$\%M15 = \%I1.5 + \{ [\%M0 + \%M3] . [((\%I1.6 + \%I1.7 + \%M110 + \%M104 + \%M103 + \%M112) . (\%M50 + \%M52)) + (\%M203 . \%M52)] \} + \{ \%M51 . [\%I1.9 + \%MW35>55 + \%I1.4] \}$$

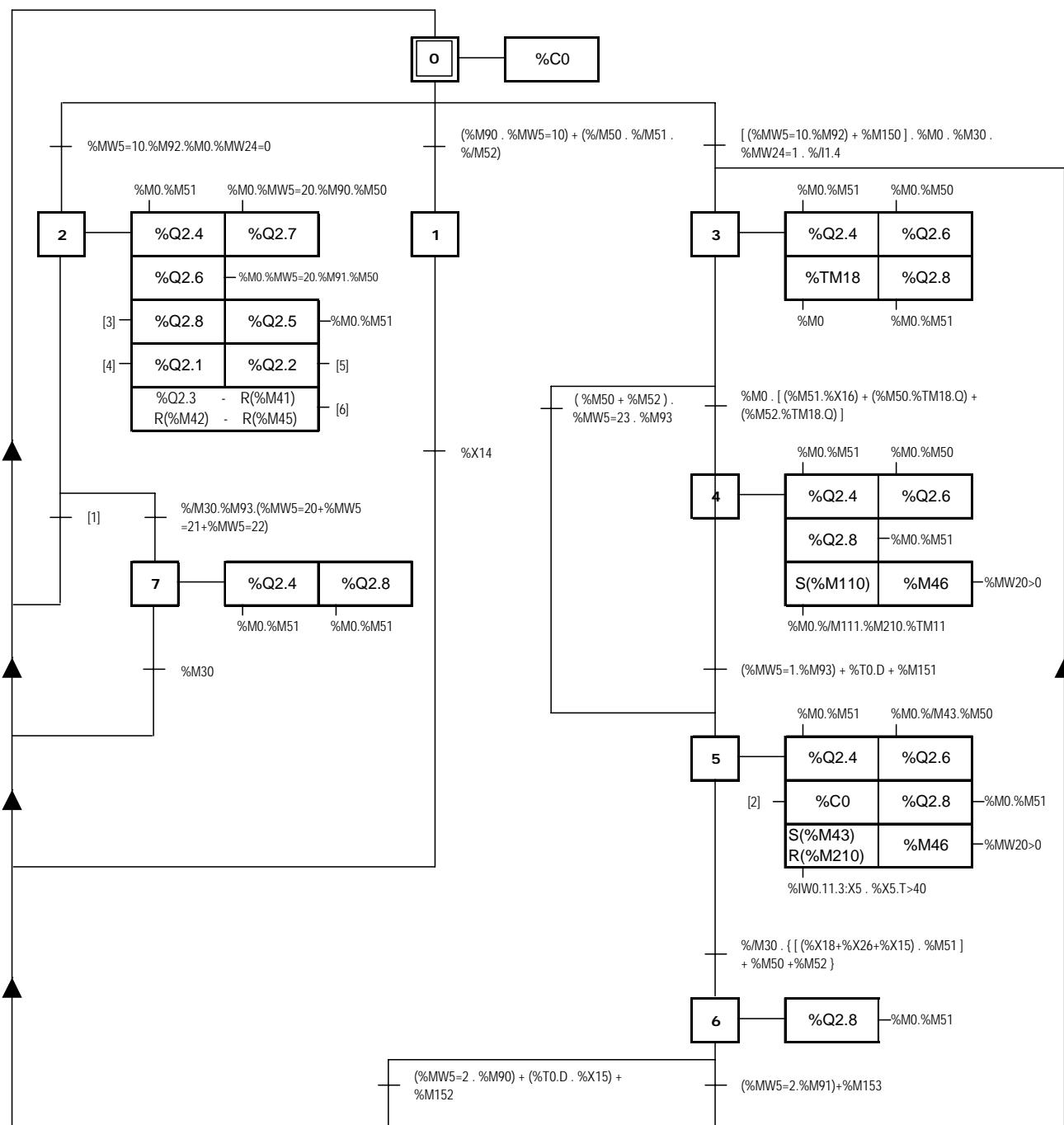
$$[1] = [(\%M3 . \%M9 . \%M20) + \%M8] . \%S1 . \%M43$$

$$[2] = [(\%M3 . \%M9 . \%M20) + \%M8] . \%S1 . \%M44 . \%Q2.1 . \%Q2.2 . \%I1.2$$

$$[3] = [(\%M3 . \%M9 . \%M20) + \%M8] . \%S1 . \%M41$$

$$[4] = [(\%M3 . \%M9 . \%M20) + \%M8] . \%S1$$

1.2 GRAFCET des modes de marche



[1] = $%M30 . %M93 . (%MW5=20 + %MW5=21 + %MW5=22)$

[2] = $\%IW0.11.3:X1 . %M3$

[3] = $%M0 . %M51 . %MW5=22 . (%M90 + %M91)$

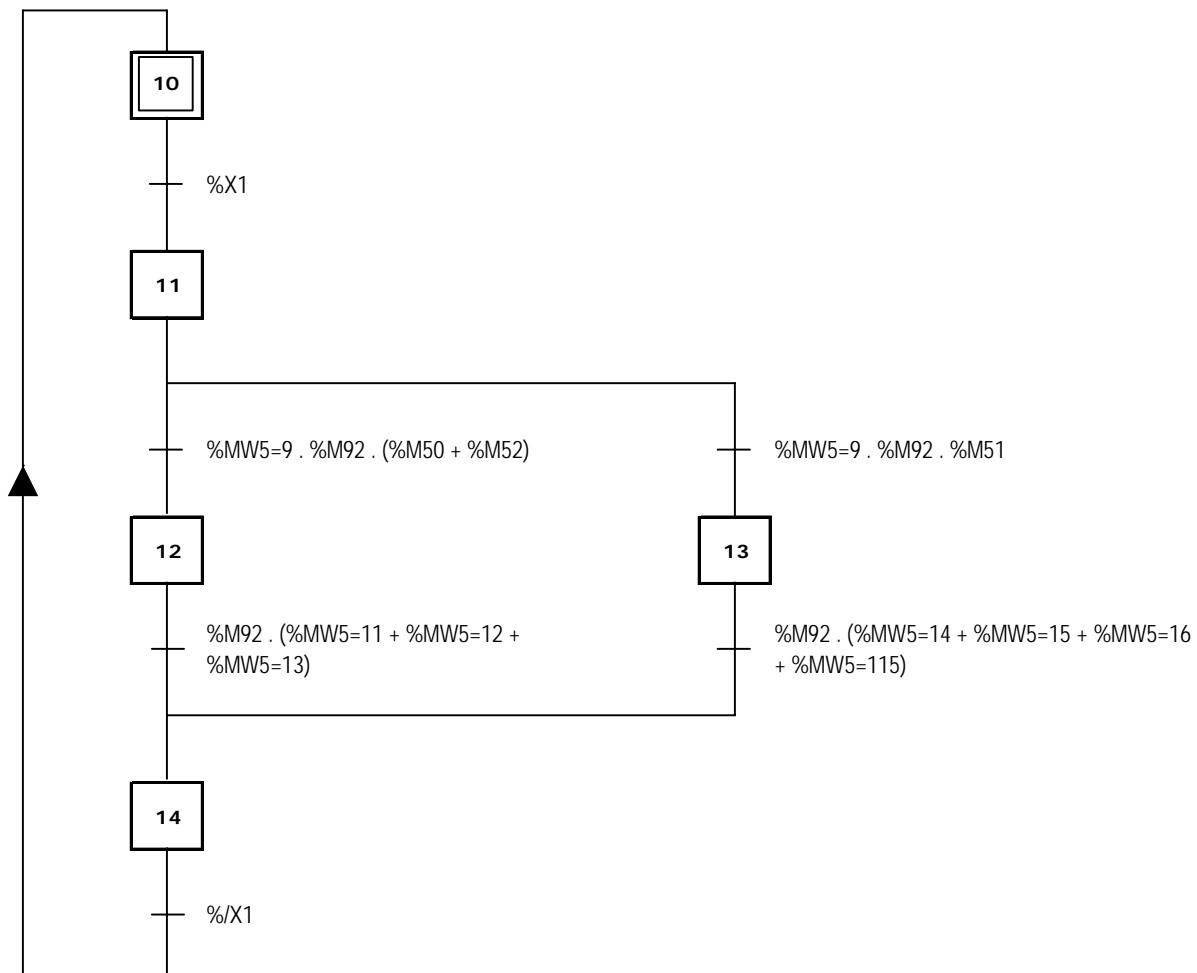
[4] = $%M0 . %MW5=21 . %M90 . %I1.0 . %I1.4$

[5] = $%M0 . %MW5=21 . %M91 . %I1.2 . %M104 . %M112$

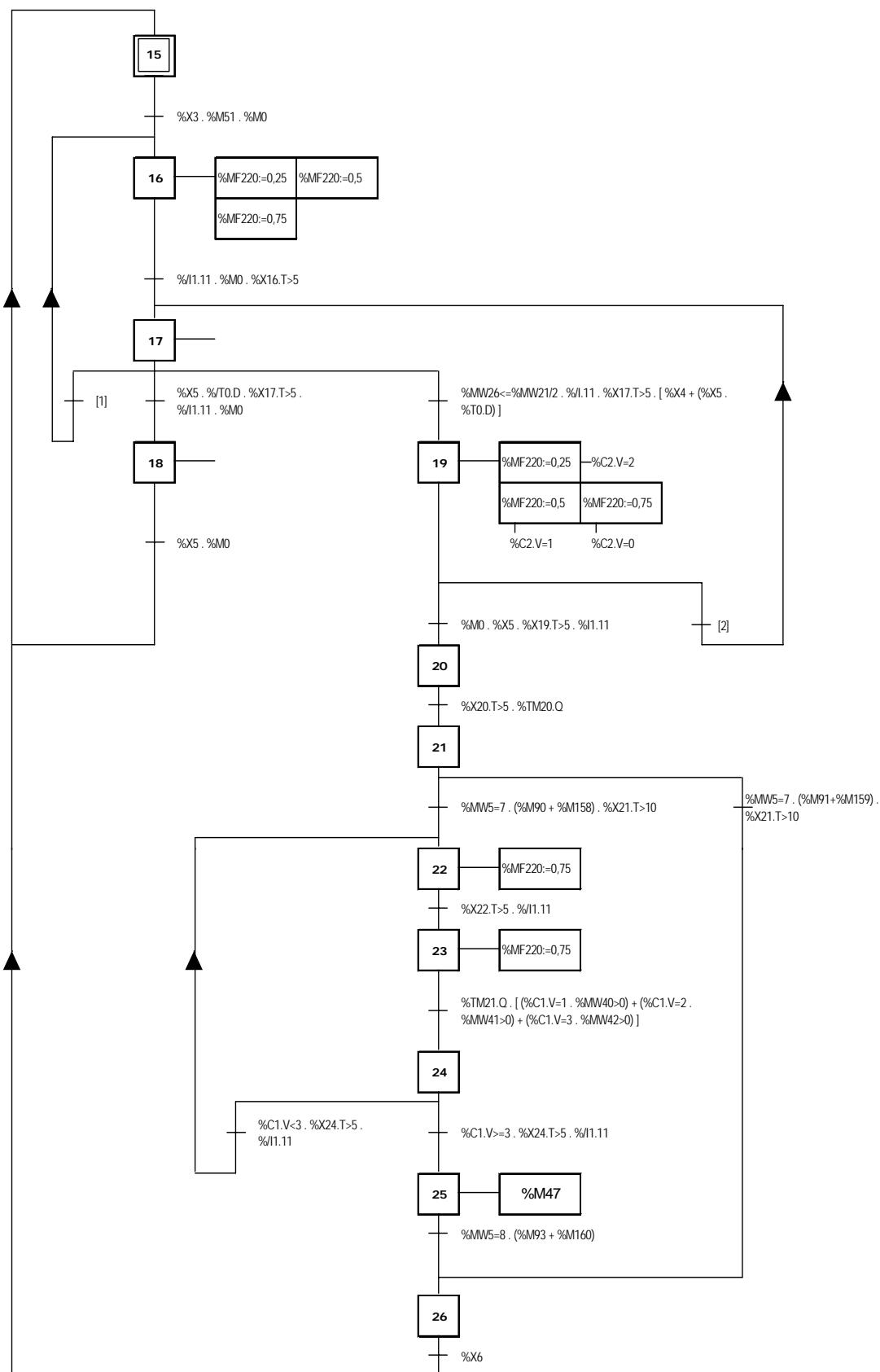
[6] = $%M0 . %MW5=21 . (%M90 + %M91) . (%Q2.1 + %Q2.2)$

1.3 GRAFCET de tâche

1.3.1 Gestion des technologies



1.3.2 Version hydraulique



[1] = %MW26>%MW21/2 . %X4 . %I1.11 . %M0 . %X17.T>5

[2] = %M0 . %X4 . %X19.T>5 . %I1.11