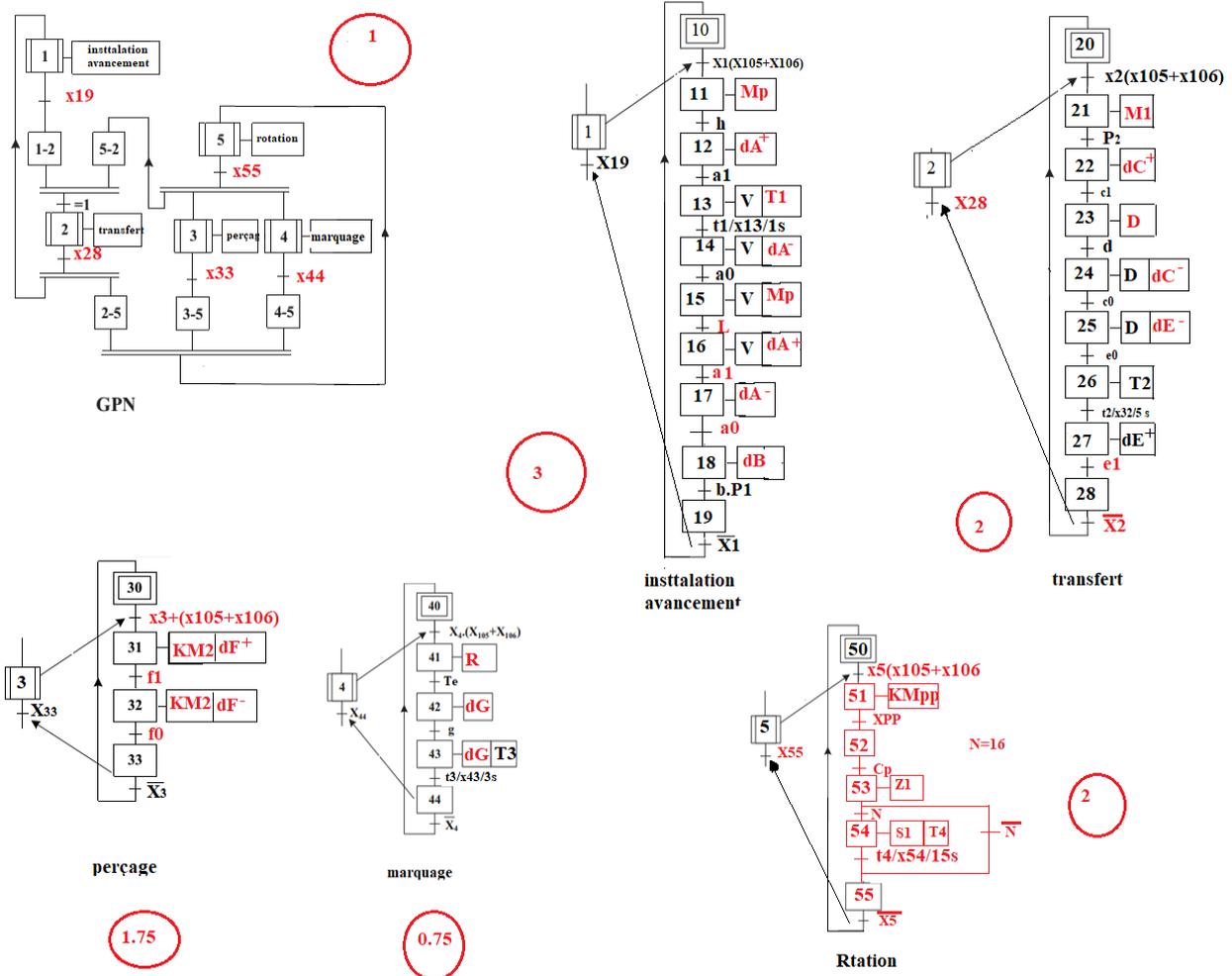


Correction

- 1) $CI=P_1.a1.L.c0.e1.f0.comp$ (0.5pts)
- 2)



3) les équations activation désactivation macro étapes (1) (2 pts)

ETAPES	ACTIVATION	DESACTIVATION	ACTION ASSOCIES
X 10	$X19.\overline{X1}+X200$	X 11	
X 11	$X10.X1.(X105+X106)$	X 12	KMp
X 12	$X11.h$	X 13	dA^+
X 13	$X12.a1$	X 14	$dV + T1$
X 14	$X13.t1$	X 15	$dV + dA^-$
X 15	$X14.a0$	X 16	$dV + KMp$
X 16	$X15.L$	X 17	$dV + dA^+$
X 17	$X16.a1$	X 18	dA^-
X 18	$X17.a0$	X 19	dB
X 19	$X18.b.P1$	X 10	

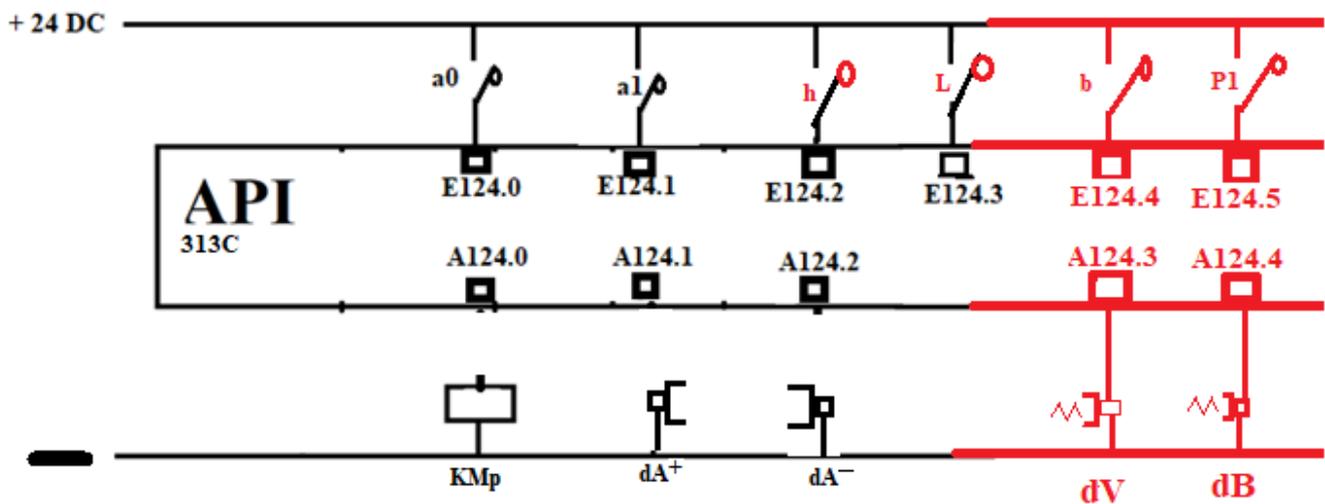
4) 1 Adressage des étapes (1.5 pt)

Etape	Adresse	Etape	Adresse	Etape	Adresse	Etape	Adresse
X 10	M60.0	X 14	M60.4	X 18	M61.0	X 105	M61.4
X 11	M60.1	X 15	M60.5	X 19	M61.1	X 106	M61.5
X 12	M60.2	X 16	M60.6	X 1	M61.2		
X 13	M60.3	X 17	M60.7	X 200	M61.3		

2 Adressage des Entrées et des Sorties (1 pt)

Entrées	Adresse	Sorties	Adresse
a0	E124.0	KMp	A124.0
a1	E124.1	dA ⁺	A124.1
h	E124.2	dA ⁻	A124.2
L	E124.3	dV	A124.3
b	E124.4	dB	A124.4
P1	E124.5		

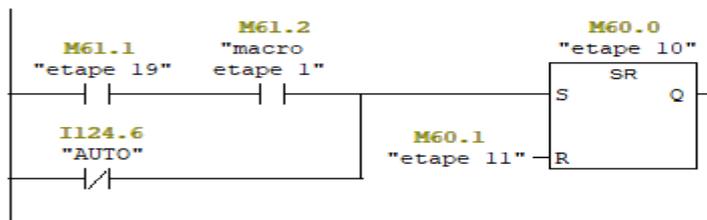
Schémas de commande macros étape (1) (1pt)



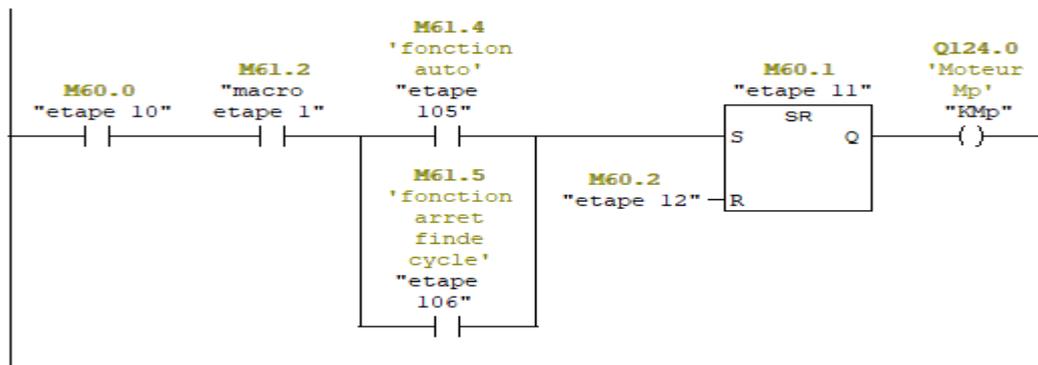
RESEUX LADDER (5 PTS)

OB1 : "Main Program Sweep (Cycle)"

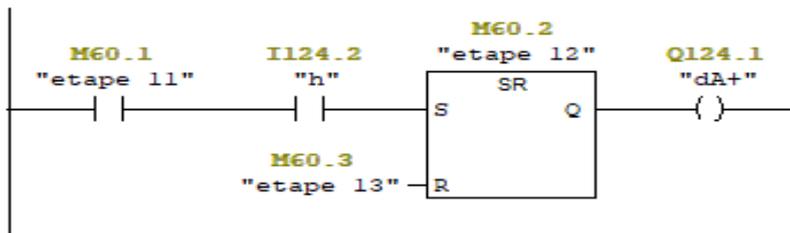
Network 1 : etape 10



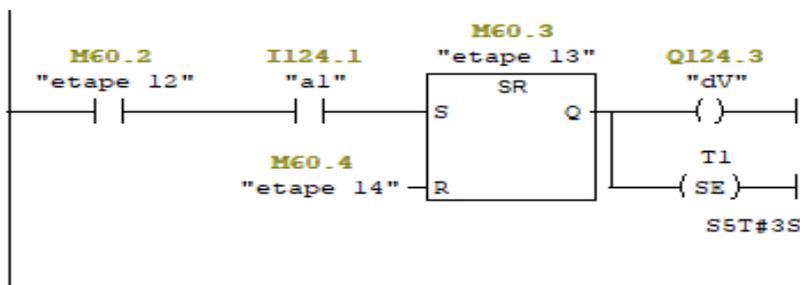
Network 2 : etape 11



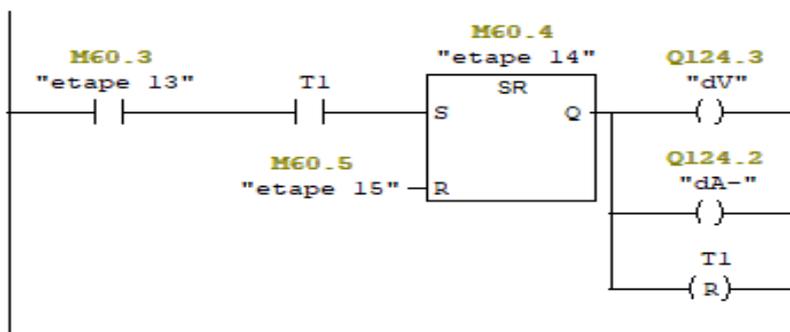
Network 3 : etape 12



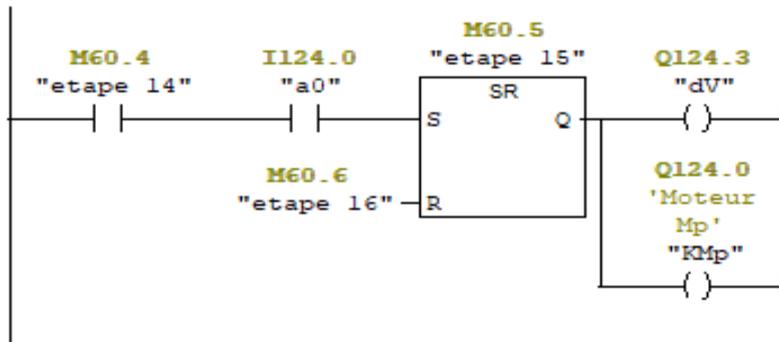
Network 4 : etape 13



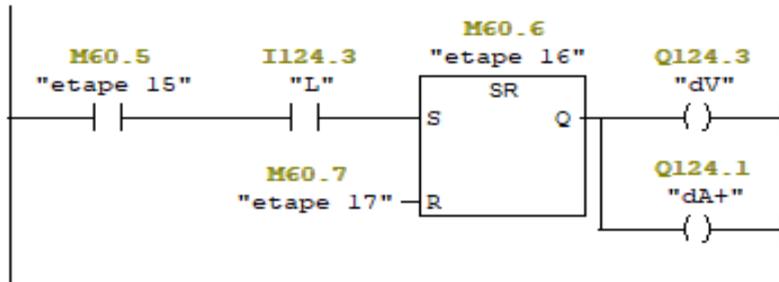
Network 5 : ETAPE 14



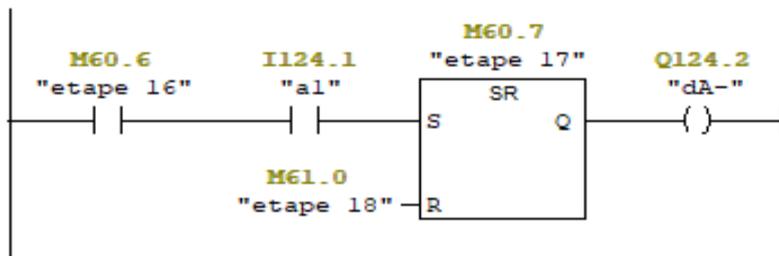
□ Network 6 : ETAPE15



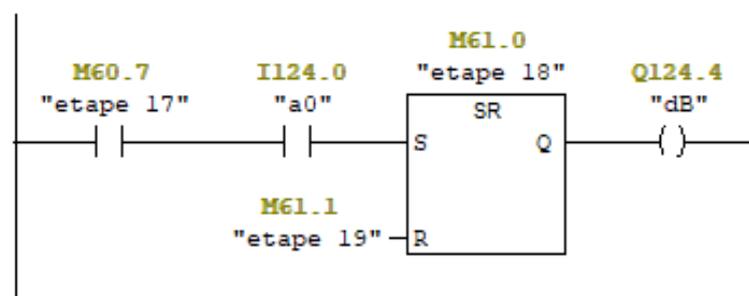
□ Network 7 : ETAPE 16



□ Network 8 : ETAPE 17



□ Network 9 : ETAPE 18



□ Network 10 : ETAPE 19

