

TECHNICAL DOCUMENTATION

SP7_13

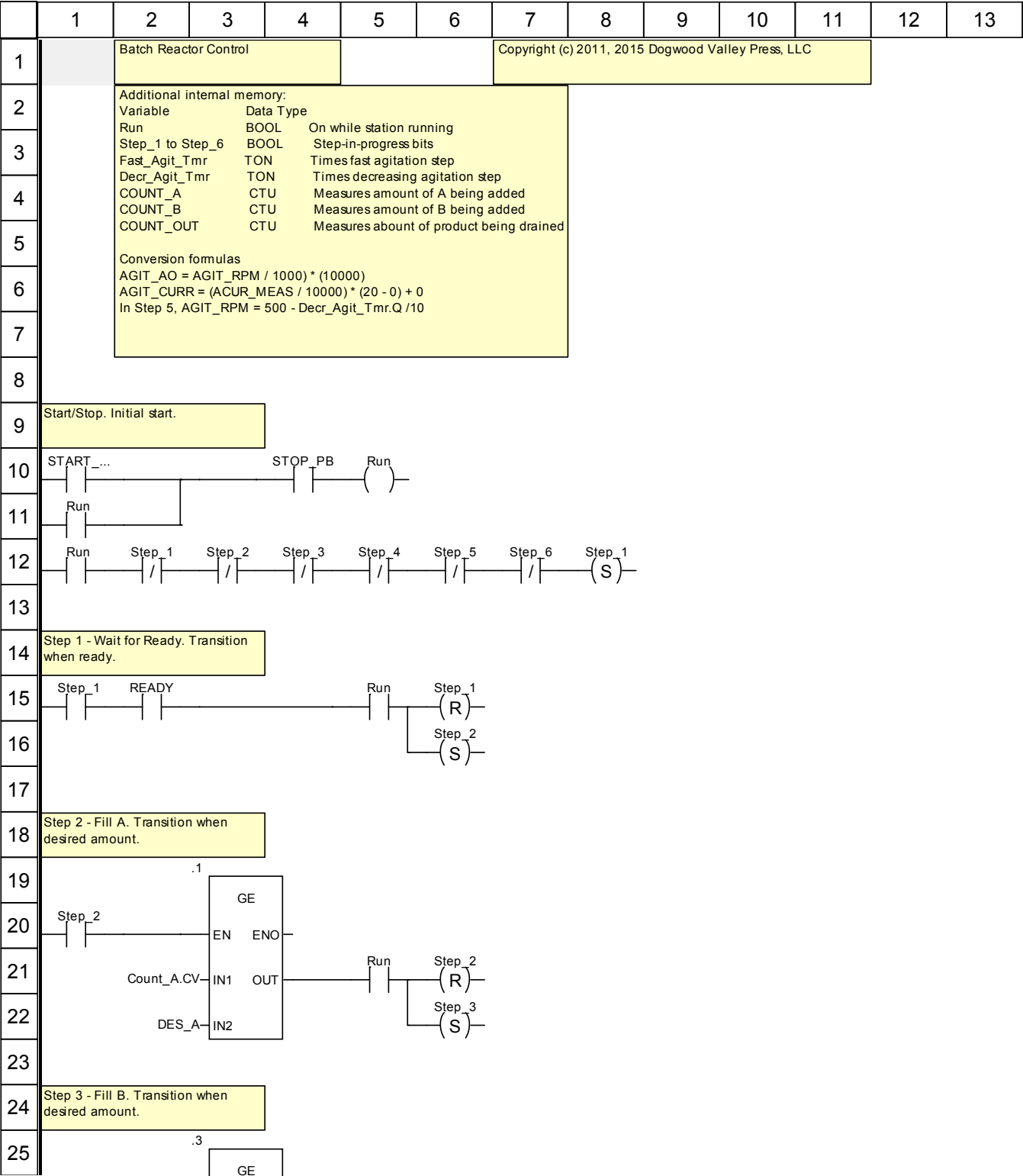
Project	SP7_13
Designer	
Application	sp7_13.stu
Software Version	Unity Pro L V10.0
Creation Date	4/12/2011 8:52:23 PM
Last Modification Date	1/1/2016 8:00:59 PM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

MAST

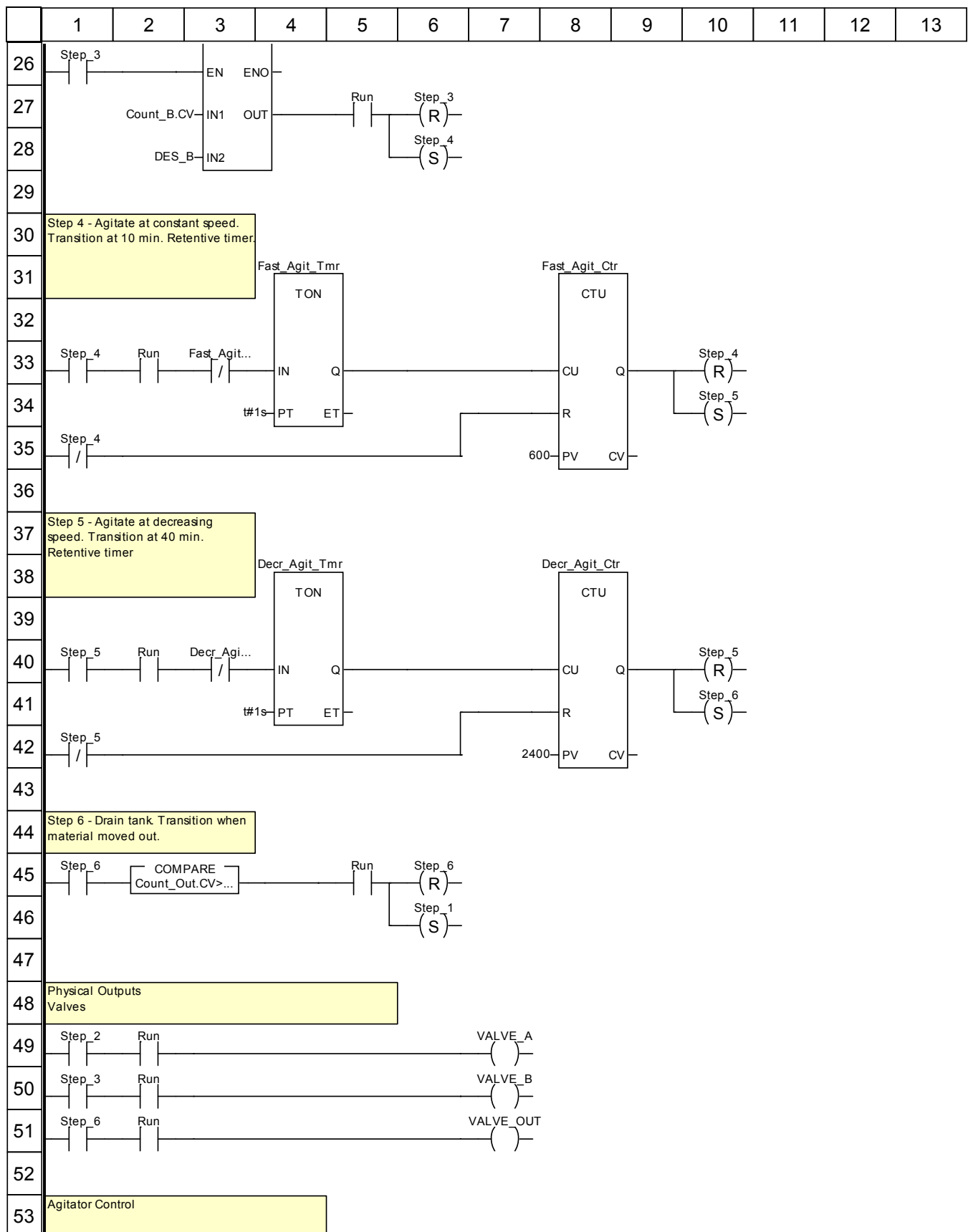
Specific properties

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

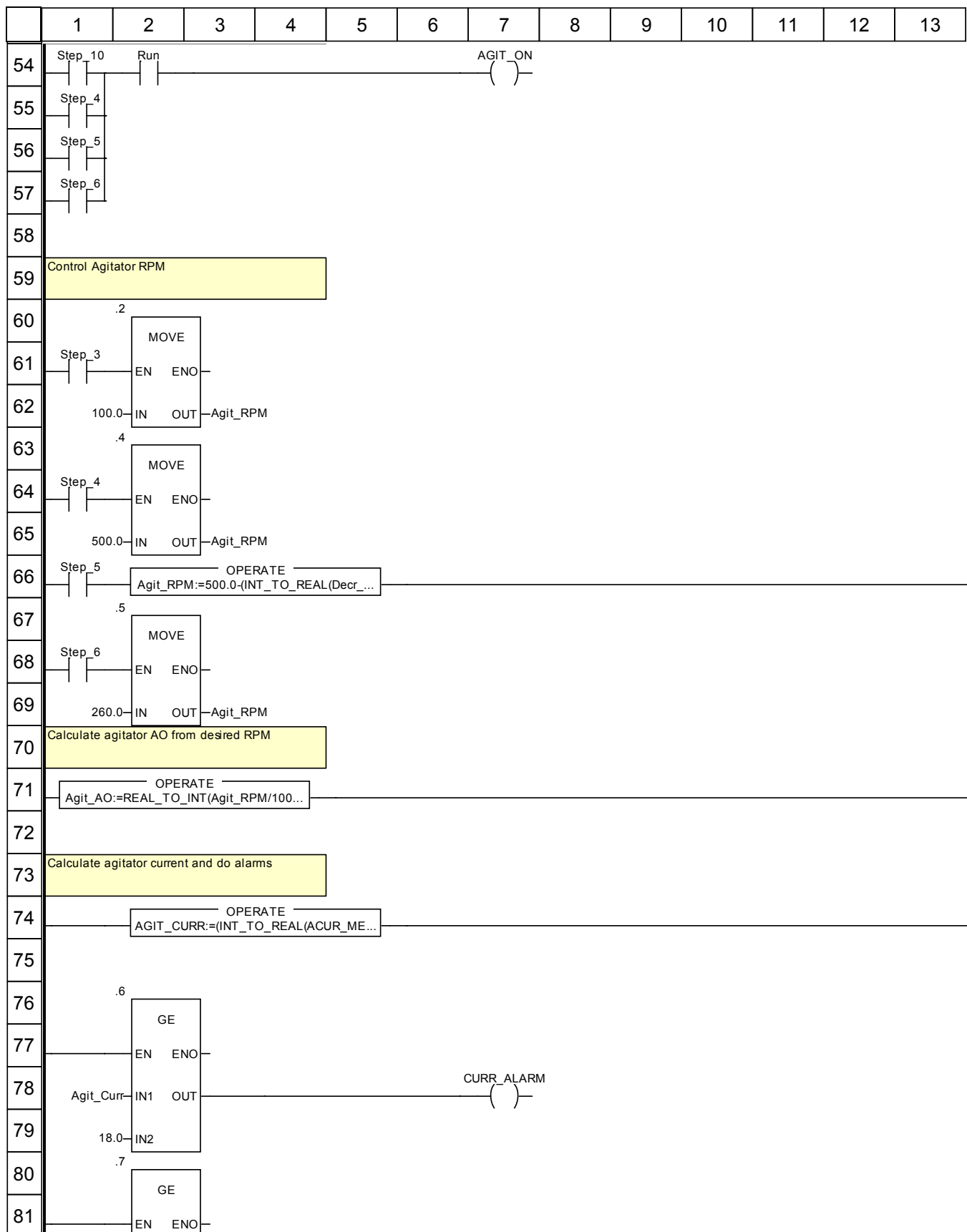
main : [MAST]



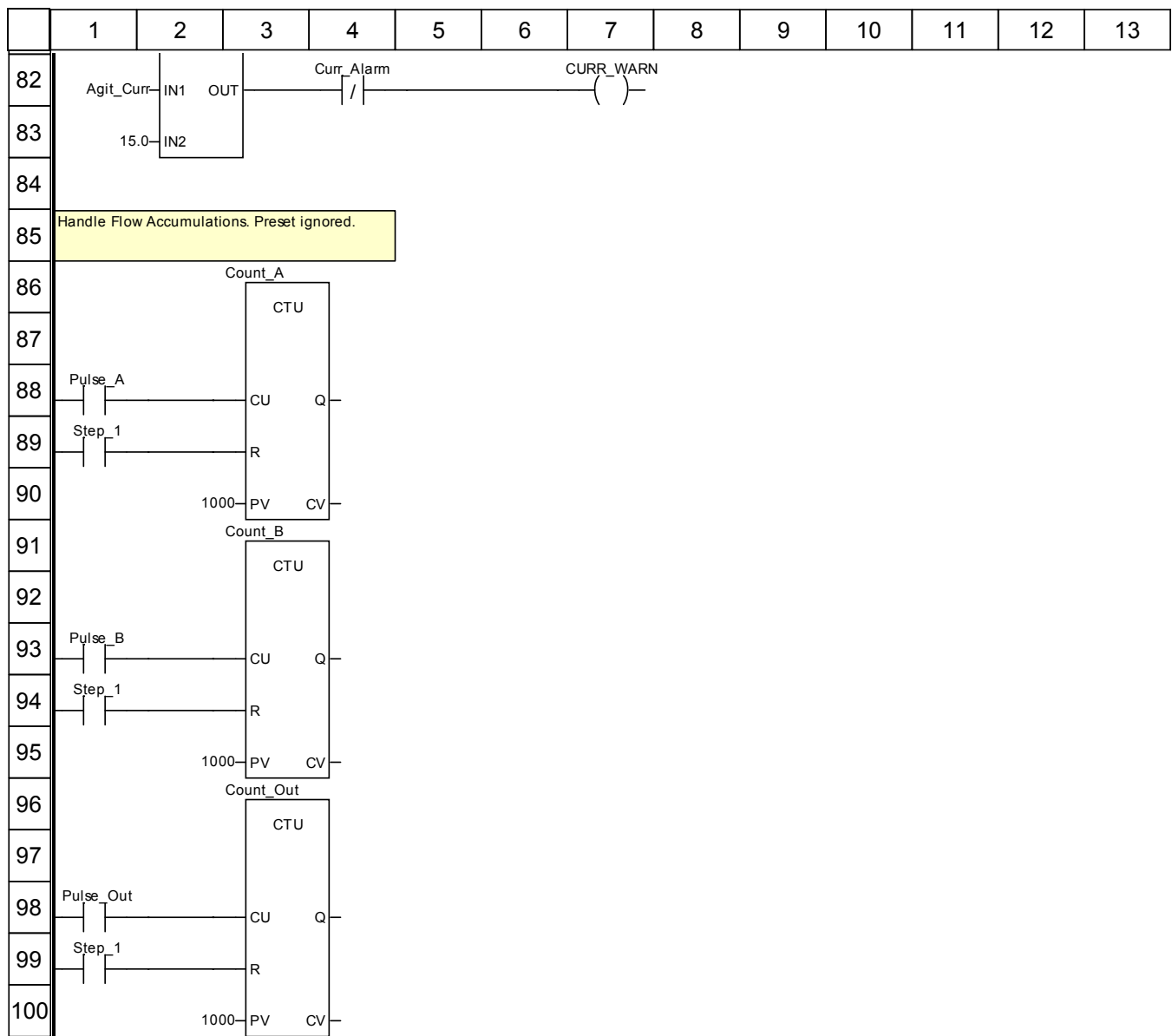
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Truncated labels:

Label	Position(s)
AGIT CURR:=(INT TO REAL(ACUR MEAS)/10000.0)*(20.0-0.0)+0.0;	(2, 74)
Agit AO:=REAL TO INT(Agit RPM/1000.0)*10000;	(1, 71)
Agit RPM:=500.0-(INT TO REAL(Decr_Agit_Ctr.CV)/10.0);	(2, 66)
Count_Out.CV>=Des_A+Des_B	(2, 45)
Decr_Agit_Tmr.Q	(3, 40)
Fast_Agit_Tmr.Q	(3, 33)
START_PB	(1, 10)

Cross References

Application:

Addresses

Object	Referred into	Location	Usage
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Variables or FB instances

Object	Referred into	Location	Usage
ACUR_MEAS	main : [MAST]	(I 74, c: 2)	R
AGIT_AO	main : [MAST]	(I 71, c: 1)	W
AGIT_CURR	main : [MAST]	(I 74, c: 2)	W
		(I 76, c: 2)	R
		(I 80, c: 2)	R
AGIT_ON	main : [MAST]	(I 54, c: 7)	W
AGIT_RPM	main : [MAST]	(I 60, c: 2)	W
		(I 63, c: 2)	W
		(I 66, c: 2)	W
		(I 67, c: 2)	W
		(I 71, c: 1)	R
CURR_ALARM	main : [MAST]	(I 78, c: 7)	W
		(I 82, c: 4)	R
CURR_WARN	main : [MAST]	(I 82, c: 7)	W
Count_A	main : [MAST]	(I 19, c: 3)	R
		(I 86, c: 3)	FC
		(I 86, c: 3)	R
		(I 86, c: 3)	R
		(I 86, c: 3)	R
Count_B	main : [MAST]	(I 25, c: 3)	R
		(I 91, c: 3)	FC
		(I 91, c: 3)	R
		(I 91, c: 3)	R
		(I 91, c: 3)	R
Count_Out	main : [MAST]	(I 45, c: 2)	R
		(I 96, c: 3)	FC
		(I 96, c: 3)	R
		(I 96, c: 3)	R
		(I 96, c: 3)	R
DES_A	main : [MAST]	(I 19, c: 3)	R
		(I 45, c: 2)	R
DES_B	main : [MAST]	(I 25, c: 3)	R
		(I 45, c: 2)	R
Decr_Agit_Ctr	main : [MAST]	(I 66, c: 2)	R
		(I 38, c: 8)	FC
		(I 38, c: 8)	R
		(I 38, c: 8)	R
		(I 38, c: 8)	R
Decr_Agit_Tmr	main : [MAST]	(I 40, c: 3)	R
		(I 38, c: 4)	FC
		(I 38, c: 4)	R
		(I 38, c: 4)	R
Fast_Agit_Ctr	main : [MAST]	(I 31, c: 8)	FC
		(I 31, c: 8)	R
		(I 31, c: 8)	R

Cross References

Object	Referred into	Location	Usage
		(l 31, c: 8)	R
Fast_Agit_Tmr	main : [MAST]	(l 33, c: 3)	R
		(l 31, c: 4)	FC
		(l 31, c: 4)	R
		(l 31, c: 4)	R
PULSE_A	main : [MAST]	(l 88, c: 1)	R
PULSE_B	main : [MAST]	(l 93, c: 1)	R
PULSE_OUT	main : [MAST]	(l 98, c: 1)	R
READY	main : [MAST]	(l 15, c: 2)	R
Run	main : [MAST]	(l 10, c: 5)	W
		(l 11, c: 1)	R
		(l 12, c: 1)	R
		(l 15, c: 5)	R
		(l 21, c: 5)	R
		(l 27, c: 5)	R
		(l 33, c: 2)	R
		(l 40, c: 2)	R
		(l 45, c: 5)	R
		(l 49, c: 2)	R
		(l 50, c: 2)	R
		(l 51, c: 2)	R
		(l 54, c: 2)	R
START_PB	main : [MAST]	(l 10, c: 1)	R
STOP_PB	main : [MAST]	(l 10, c: 4)	R
Step_1	main : [MAST]	(l 12, c: 2)	R
		(l 12, c: 8)	W
		(l 15, c: 1)	R
		(l 15, c: 6)	W
		(l 46, c: 6)	W
		(l 89, c: 1)	R
		(l 94, c: 1)	R
		(l 99, c: 1)	R
Step_10	main : [MAST]	(l 54, c: 1)	R
Step_2	main : [MAST]	(l 12, c: 3)	R
		(l 16, c: 6)	W
		(l 20, c: 1)	R
		(l 21, c: 6)	W
		(l 49, c: 1)	R
Step_3	main : [MAST]	(l 12, c: 4)	R
		(l 22, c: 6)	W
		(l 26, c: 1)	R
		(l 27, c: 6)	W
		(l 50, c: 1)	R
		(l 61, c: 1)	R
Step_4	main : [MAST]	(l 12, c: 5)	R
		(l 28, c: 6)	W
		(l 33, c: 1)	R
		(l 33, c: 10)	W
		(l 35, c: 1)	R
		(l 55, c: 1)	R
		(l 64, c: 1)	R
Step_5	main : [MAST]	(l 12, c: 6)	R
		(l 34, c: 10)	W
		(l 40, c: 1)	R
		(l 40, c: 10)	W

Cross References

Object	Referred into	Location	Usage
		(l 42, c: 1)	R
		(l 56, c: 1)	R
		(l 66, c: 1)	R
Step_6	main : [MAST]	(l 12, c: 7)	R
		(l 41, c: 10)	W
		(l 45, c: 1)	R
		(l 45, c: 6)	W
		(l 51, c: 1)	R
		(l 57, c: 1)	R
		(l 68, c: 1)	R
VALVE_A	main : [MAST]	(l 49, c: 7)	W
VALVE_B	main : [MAST]	(l 50, c: 7)	W
VALVE_OUT	main : [MAST]	(l 51, c: 7)	W

EF objects

Object	Referred into	Location	Usage
ge	main : [MAST]	(l 80, c: 2)	FC
		(l 19, c: 3)	FC
		(l 25, c: 3)	FC
		(l 76, c: 2)	FC
ge_int	main : [MAST]	(l 19, c: 3)	FC
		(l 25, c: 3)	FC
ge_real	main : [MAST]	(l 80, c: 2)	FC
		(l 76, c: 2)	FC
int_to_real	main : [MAST]	(l 66, c: 2)	FC
		(l 74, c: 2)	FC
move	main : [MAST]	(l 67, c: 2)	FC
		(l 63, c: 2)	FC
		(l 60, c: 2)	FC
real_to_int	main : [MAST]	(l 71, c: 1)	FC