

TECHNICAL DOCUMENTATION

SP7_14

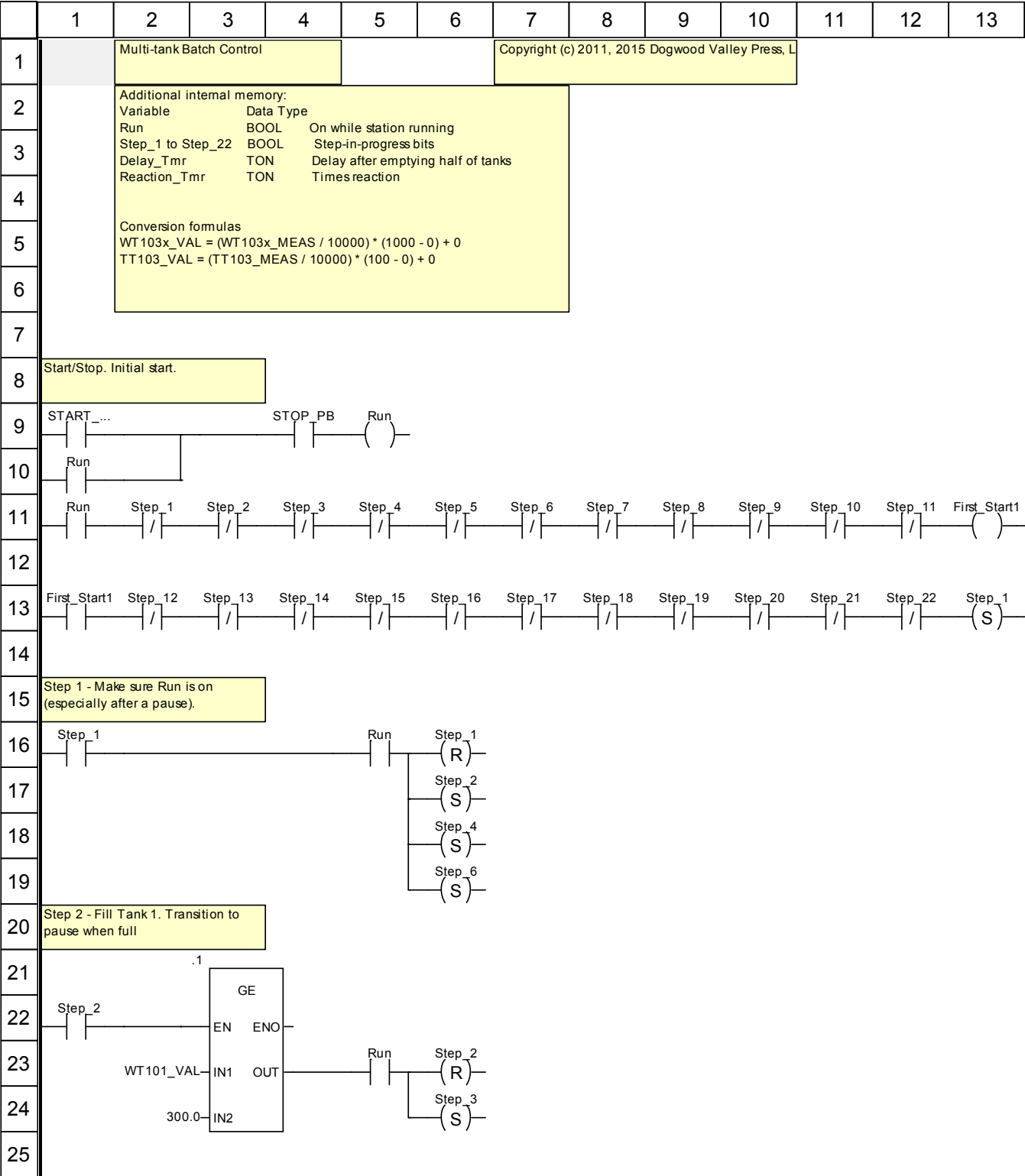
Project	SP7_14
Designer	
Application	sp7_14.stu
Software Version	Unity Pro L V10.0
Creation Date	4/12/2011 8:52:23 PM
Last Modification Date	12/23/2015 8:03:53 AM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

MAST

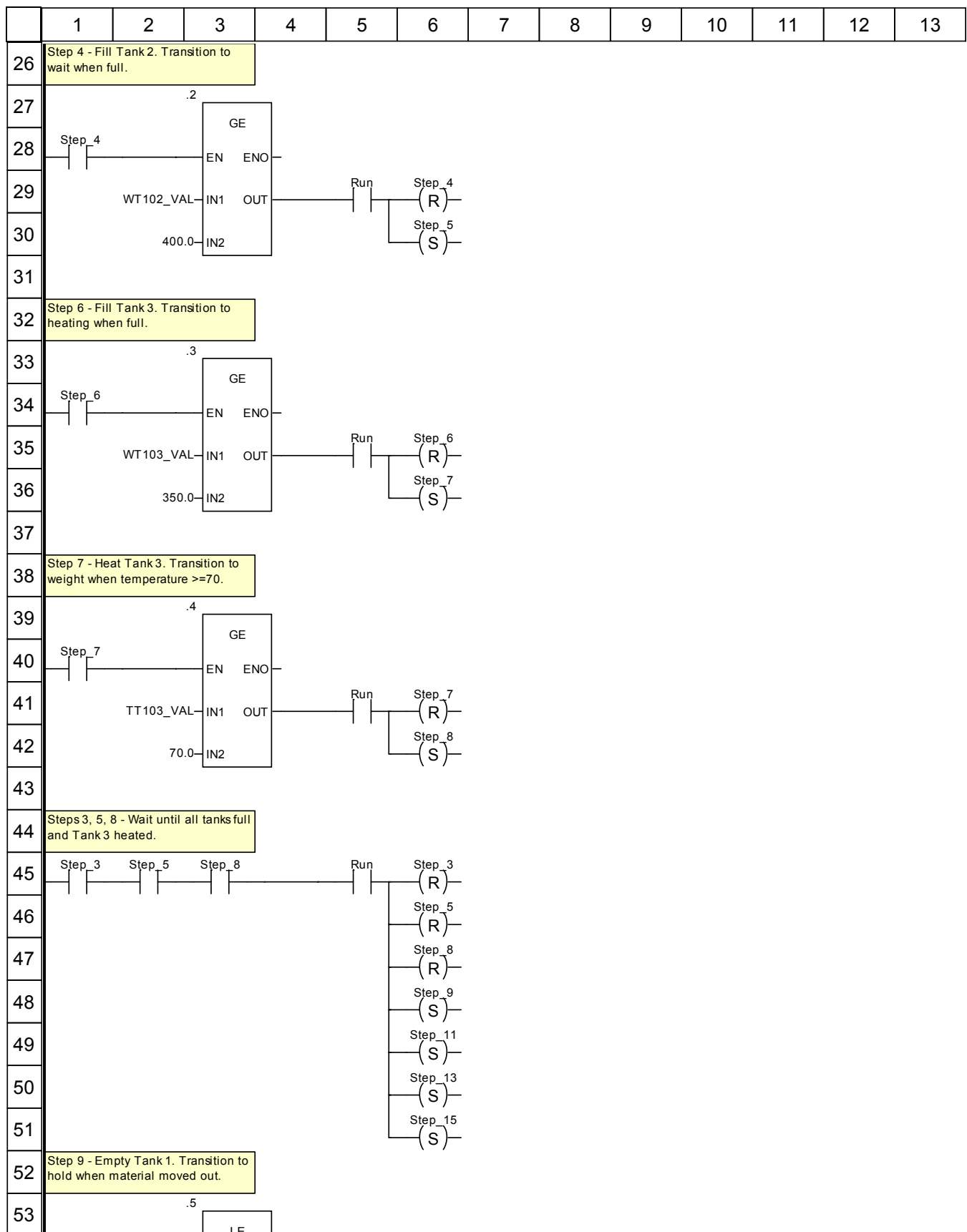
Specific properties

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

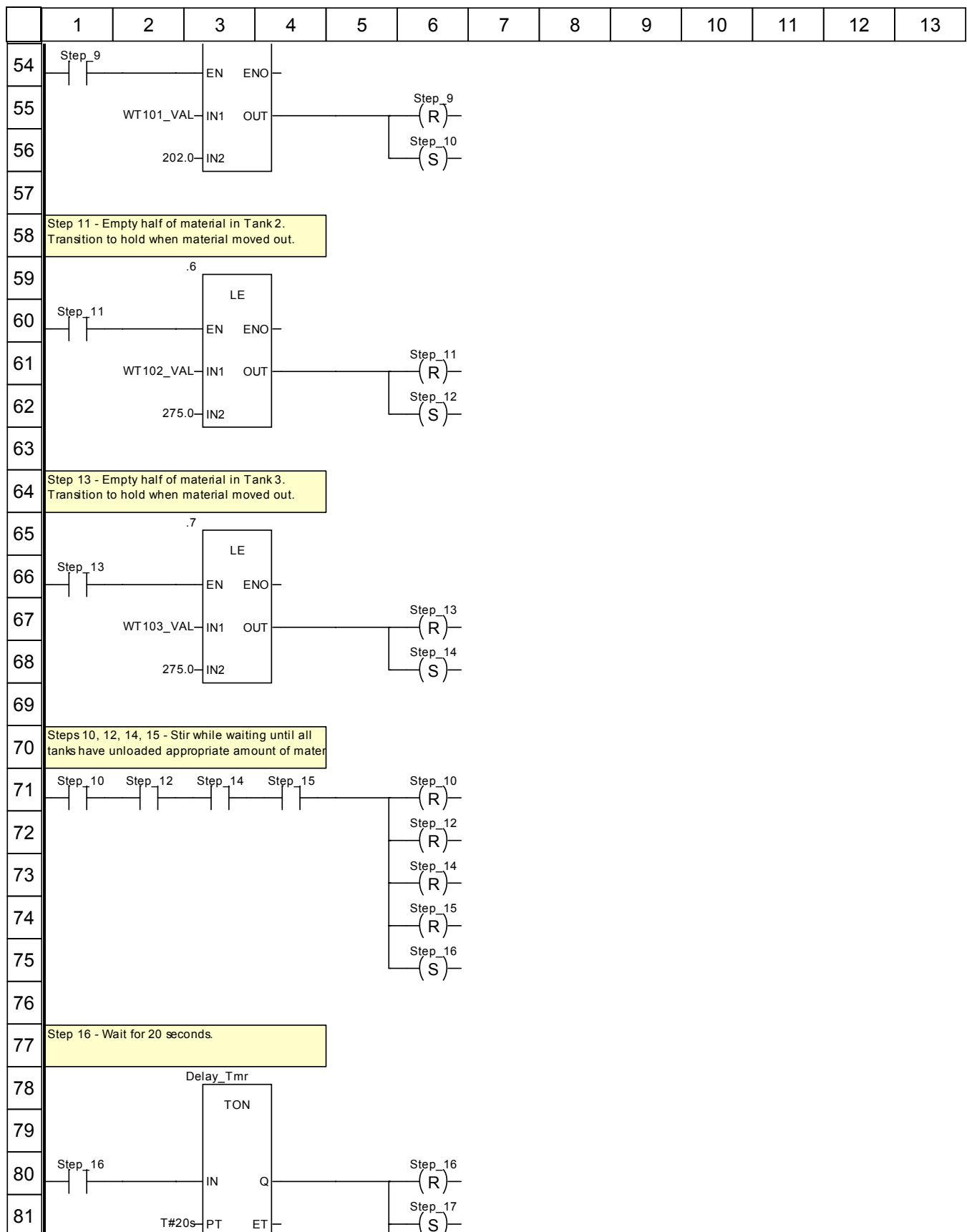
main : [MAST]



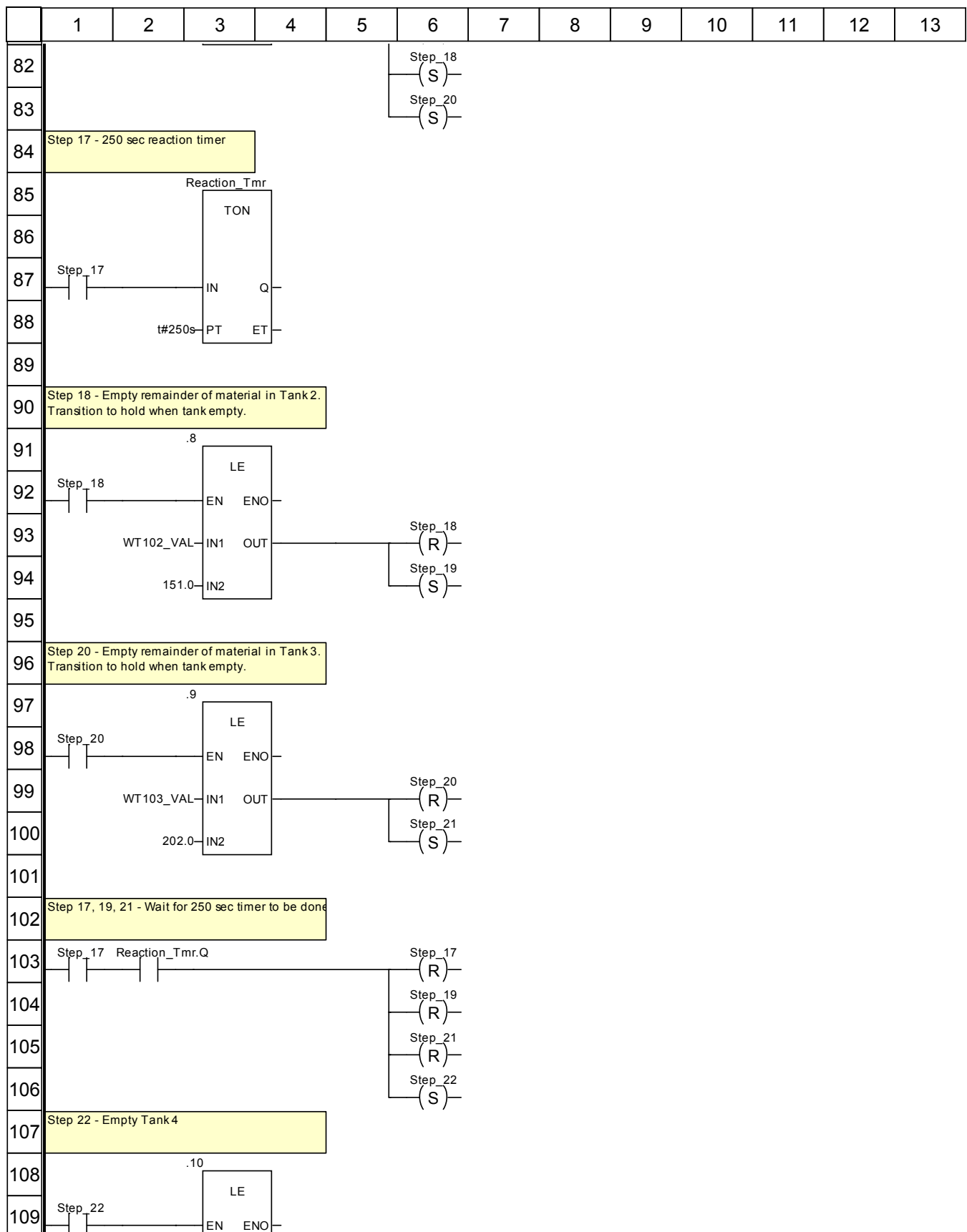
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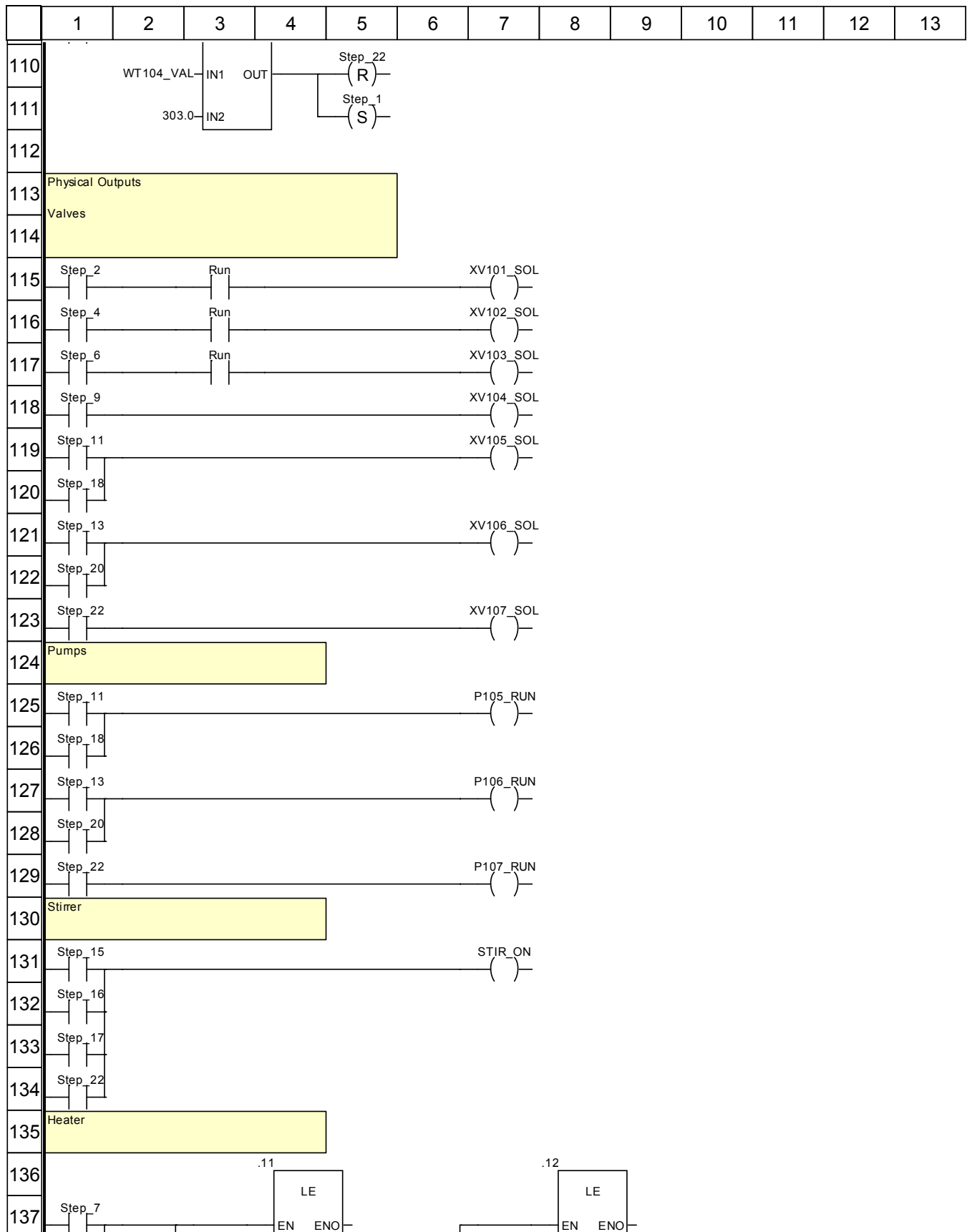
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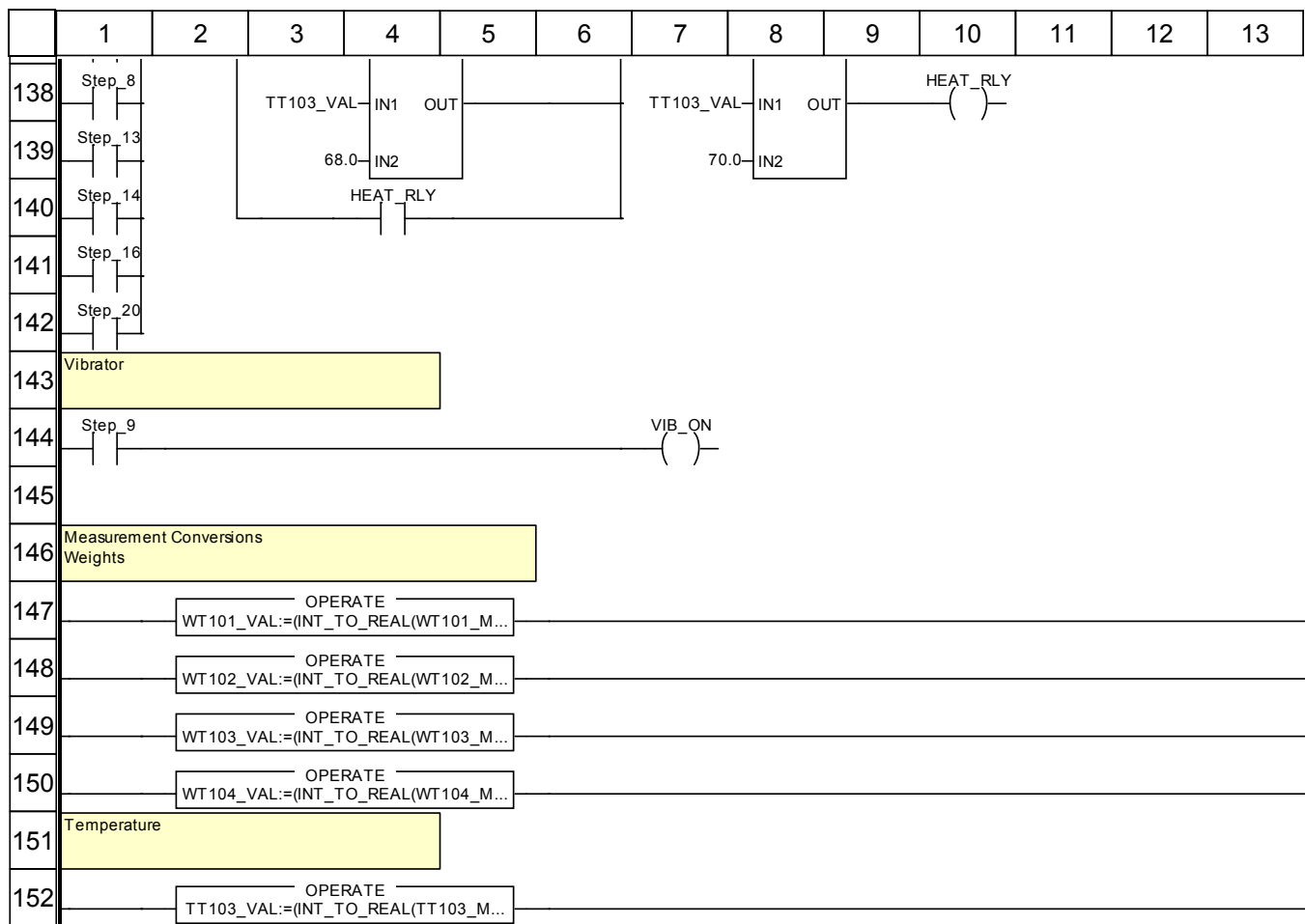
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Truncated labels:

Label	Position(s)
START PB	(1, 9)
TT103 VAL=(INT TO REAL(TT103 MEAS)/10000.0)*(100.0-0.0)+0.0;	(2, 152)
WT101 VAL=(INT TO REAL(WT101 MEAS)/10000.0)*(1000.0-0.0)+0.0;	(2, 147)
WT102 VAL=(INT TO REAL(WT102 MEAS)/10000.0)*(1000.0-0.0)+0.0;	(2, 148)
WT103 VAL=(INT TO REAL(WT103 MEAS)/10000.0)*(1000.0-0.0)+0.0;	(2, 149)
WT104 VAL=(INT TO REAL(WT104 MEAS)/10000.0)*(1000.0-0.0)+0.0;	(2, 150)

Cross References

Application:

Addresses

Object	Referred into	Location	Usage
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Variables or FB instances

Object	Referred into	Location	Usage
Delay_Tmr	main : [MAST]	(I 78, c: 3)	FC
		(I 78, c: 3)	R
		(I 78, c: 3)	R
First_StartI	main : [MAST]	(I 11, c: 13)	W
		(I 13, c: 1)	R
HEAT_RLY	main : [MAST]	(I 138, c: 10)	W
		(I 140, c: 4)	R
P105_RUN	main : [MAST]	(I 125, c: 7)	W
P106_RUN	main : [MAST]	(I 127, c: 7)	W
P107_RUN	main : [MAST]	(I 129, c: 7)	W
Reaction_Tmr	main : [MAST]	(I 103, c: 2)	R
		(I 85, c: 3)	FC
		(I 85, c: 3)	R
		(I 85, c: 3)	R
Run	main : [MAST]	(I 9, c: 5)	W
		(I 10, c: 1)	R
		(I 11, c: 1)	R
		(I 16, c: 5)	R
		(I 23, c: 5)	R
		(I 29, c: 5)	R
		(I 35, c: 5)	R
		(I 41, c: 5)	R
		(I 45, c: 5)	R
		(I 115, c: 3)	R
		(I 116, c: 3)	R
		(I 117, c: 3)	R
START_PB	main : [MAST]	(I 9, c: 1)	R
STIR_ON	main : [MAST]	(I 131, c: 7)	W
STOP_PB	main : [MAST]	(I 9, c: 4)	R
Step_1	main : [MAST]	(I 11, c: 2)	R
		(I 13, c: 13)	W
		(I 16, c: 1)	R
		(I 16, c: 6)	W
		(I 111, c: 5)	W
Step_10	main : [MAST]	(I 11, c: 11)	R
		(I 56, c: 6)	W
		(I 71, c: 1)	R
		(I 71, c: 6)	W
Step_11	main : [MAST]	(I 11, c: 12)	R
		(I 49, c: 6)	W
		(I 60, c: 1)	R
		(I 61, c: 6)	W
		(I 119, c: 1)	R
		(I 125, c: 1)	R
Step_12	main : [MAST]	(I 13, c: 2)	R

Cross References

Object	Referred into	Location	Usage
		(l 62, c: 6)	W
		(l 71, c: 2)	R
		(l 72, c: 6)	W
Step_13	main : [MAST]	(l 13, c: 3)	R
		(l 50, c: 6)	W
		(l 66, c: 1)	R
		(l 67, c: 6)	W
		(l 121, c: 1)	R
		(l 127, c: 1)	R
		(l 139, c: 1)	R
Step_14	main : [MAST]	(l 13, c: 4)	R
		(l 68, c: 6)	W
		(l 71, c: 3)	R
		(l 73, c: 6)	W
		(l 140, c: 1)	R
Step_15	main : [MAST]	(l 13, c: 5)	R
		(l 51, c: 6)	W
		(l 71, c: 4)	R
		(l 74, c: 6)	W
		(l 131, c: 1)	R
Step_16	main : [MAST]	(l 13, c: 6)	R
		(l 75, c: 6)	W
		(l 80, c: 1)	R
		(l 80, c: 6)	W
		(l 132, c: 1)	R
		(l 141, c: 1)	R
Step_17	main : [MAST]	(l 13, c: 7)	R
		(l 81, c: 6)	W
		(l 87, c: 1)	R
		(l 103, c: 1)	R
		(l 103, c: 6)	W
		(l 133, c: 1)	R
Step_18	main : [MAST]	(l 13, c: 8)	R
		(l 82, c: 6)	W
		(l 92, c: 1)	R
		(l 93, c: 6)	W
		(l 120, c: 1)	R
		(l 126, c: 1)	R
Step_19	main : [MAST]	(l 13, c: 9)	R
		(l 94, c: 6)	W
		(l 104, c: 6)	W
Step_2	main : [MAST]	(l 11, c: 3)	R
		(l 17, c: 6)	W
		(l 22, c: 1)	R
		(l 23, c: 6)	W
		(l 115, c: 1)	R
Step_20	main : [MAST]	(l 13, c: 10)	R
		(l 83, c: 6)	W
		(l 98, c: 1)	R
		(l 99, c: 6)	W
		(l 122, c: 1)	R
		(l 128, c: 1)	R
		(l 142, c: 1)	R
Step_21	main : [MAST]	(l 13, c: 11)	R
		(l 100, c: 6)	W

Cross References

Object	Referred into	Location	Usage
Step_22	main : [MAST]	(l 105, c: 6)	W
		(l 13, c: 12)	R
		(l 106, c: 6)	W
		(l 109, c: 1)	R
		(l 110, c: 5)	W
		(l 123, c: 1)	R
		(l 129, c: 1)	R
Step_3	main : [MAST]	(l 134, c: 1)	R
		(l 11, c: 4)	R
		(l 24, c: 6)	W
		(l 45, c: 1)	R
Step_4	main : [MAST]	(l 45, c: 6)	W
		(l 11, c: 5)	R
		(l 18, c: 6)	W
		(l 28, c: 1)	R
Step_5	main : [MAST]	(l 29, c: 6)	W
		(l 116, c: 1)	R
		(l 11, c: 6)	R
		(l 30, c: 6)	W
Step_6	main : [MAST]	(l 45, c: 2)	R
		(l 46, c: 6)	W
		(l 11, c: 7)	R
		(l 19, c: 6)	W
Step_7	main : [MAST]	(l 34, c: 1)	R
		(l 35, c: 6)	W
		(l 117, c: 1)	R
		(l 11, c: 8)	R
Step_8	main : [MAST]	(l 36, c: 6)	W
		(l 40, c: 1)	R
		(l 41, c: 6)	W
		(l 137, c: 1)	R
Step_9	main : [MAST]	(l 11, c: 9)	R
		(l 42, c: 6)	W
		(l 45, c: 3)	R
		(l 47, c: 6)	W
TT103_MEAS	main : [MAST]	(l 138, c: 1)	R
		(l 11, c: 10)	R
		(l 48, c: 6)	W
		(l 54, c: 1)	R
TT103_VAL	main : [MAST]	(l 55, c: 6)	W
		(l 118, c: 1)	R
		(l 144, c: 1)	R
		(l 152, c: 2)	R
VIB_ON	main : [MAST]	(l 39, c: 3)	R
		(l 136, c: 4)	R
		(l 136, c: 8)	R
		(l 152, c: 2)	W
WT101_MEAS	main : [MAST]	(l 144, c: 7)	W
		(l 147, c: 2)	R
		(l 21, c: 3)	R
		(l 53, c: 3)	R
WT101_VAL	main : [MAST]	(l 147, c: 2)	W
		(l 148, c: 2)	R
		(l 27, c: 3)	R
		(l 59, c: 3)	R

Cross References

Object	Referred into	Location	Usage
		(l 91, c: 3)	R
		(l 148, c: 2)	W
WT103_MEAS	main : [MAST]	(l 149, c: 2)	R
WT103_VAL	main : [MAST]	(l 33, c: 3)	R
		(l 65, c: 3)	R
		(l 97, c: 3)	R
		(l 149, c: 2)	W
WT104_MEAS	main : [MAST]	(l 150, c: 2)	R
WT104_VAL	main : [MAST]	(l 108, c: 3)	R
		(l 150, c: 2)	W
XV101_SOL	main : [MAST]	(l 115, c: 7)	W
XV102_SOL	main : [MAST]	(l 116, c: 7)	W
XV103_SOL	main : [MAST]	(l 117, c: 7)	W
XV104_SOL	main : [MAST]	(l 118, c: 7)	W
XV105_SOL	main : [MAST]	(l 119, c: 7)	W
XV106_SOL	main : [MAST]	(l 121, c: 7)	W
XV107_SOL	main : [MAST]	(l 123, c: 7)	W

EF objects

Object	Referred into	Location	Usage
ge	main : [MAST]	(l 27, c: 3)	FC
		(l 33, c: 3)	FC
		(l 21, c: 3)	FC
		(l 39, c: 3)	FC
ge_real	main : [MAST]	(l 27, c: 3)	FC
		(l 33, c: 3)	FC
		(l 21, c: 3)	FC
		(l 39, c: 3)	FC
int_to_real	main : [MAST]	(l 147, c: 2)	FC
		(l 149, c: 2)	FC
		(l 148, c: 2)	FC
		(l 150, c: 2)	FC
		(l 152, c: 2)	FC
le	main : [MAST]	(l 59, c: 3)	FC
		(l 91, c: 3)	FC
		(l 136, c: 8)	FC
		(l 65, c: 3)	FC
		(l 108, c: 3)	FC
		(l 136, c: 4)	FC
		(l 53, c: 3)	FC
		(l 97, c: 3)	FC
le_real	main : [MAST]	(l 59, c: 3)	FC
		(l 91, c: 3)	FC
		(l 136, c: 8)	FC
		(l 65, c: 3)	FC
		(l 108, c: 3)	FC
		(l 136, c: 4)	FC
		(l 53, c: 3)	FC
		(l 97, c: 3)	FC