

## Escena11\_ST

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1|      10|      20|      30|      40|      50|      60|      70|      80|      90|     100|     110|
1 R_TRIG_0 (CLK := start);
2 if stop and not reseteo and R_TRIG_0.Q then
3   start_light:=1;
4   stop_light:=0;
5   reset_light:=0;
6   %M50:=0;
7 end_if;
8 if start_light and not stop_light and not reset_light then
9 if level_meter<setpoint-100 then
10   fill_valve:= 1000;
11   Discharge_valve:=0;
12 elsif level_meter=setpoint+10 or level_meter=setpoint-10 then
13   fill_valve:= 0;
14   Discharge_valve:=0;
15 elsif level_meter>setpoint+100 then
16   fill_valve:= 0;
17   Discharge_valve:=1000;
18 elsif ((setpoint-100)<level_meter) and level_meter<setpoint-5 then
19   fill_valve:= 100;
20   Discharge_valve:=0;
21 elsif ((setpoint+100)>level_meter) and level_meter>setpoint+5 then
22   fill_valve:= 0;
23   Discharge_valve:=100;
24 end_if;
25
26 end_if;
27 sp := setpoint;
28
29 PV:=(level_meter/300)*1000;
30 R_TRIG_2 (CLK := reseteo);
31 if r_trig_2.q then
32   %M51:=0;
33 end_if;
34 if (R_TRIG_2.Q and not start_light) then
35   Discharge_valve:=0;
36   fill_valve:= 0;
37   start_light:=0;
38   reset_light:=1;
39 end_if;
40
41 if %M51 and %s6 then
42   reset_light:=1;
43 end_if;
44 if %M51 and not %s6 then
45   reset_light:=0;
46 end_if;
47
48 F_TRIG_0 (CLK := stop);
49 if F_TRIG_0.Q then
50   stop_light:=1;
51   %M50:=1;
52 end_if;
```