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\*\*\*\*\* Pressure Check Station Control \*\*\*\*\*

Additional internal memory:

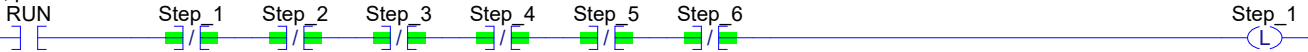
| Tag              | Data Type | Internal reset        |
|------------------|-----------|-----------------------|
| Int_Reset        | BOOL      | Step-in-progress bits |
| Step_1 to Step_6 | BOOL      | Times leak test       |
| Wait_Tmr         | TIMER     |                       |

Conversion formulas

$$HD\_HGT = (HGT\_MEAS/100) * (150-75) + 75$$
$$VLV\_PRES = (PRES\_MEAS/100) * (100-0) + 0$$

Initial start

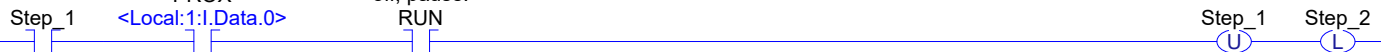
When on, allow  
pressure check  
station to run. When  
off, pause.



Step 1. Wait for valve.

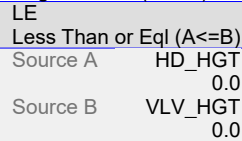
Reflective proximity  
switch that is on  
when valve is in  
position to be  
pressure checked  
PROX

When on, allow  
pressure check  
station to run. When  
off, pause.



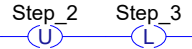
Step 2. Head down.

Pressurizing head  
height, in mm (REAL)



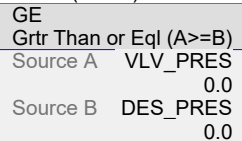
When on, allow  
pressure check  
station to run. When  
off, pause.

RUN



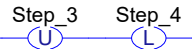
Step 3. Pressurize.

Pressure, in psi  
(REAL)



When on, allow  
pressure check  
station to run. When  
off, pause.

RUN



Step 4. Wait for pressure check.

Wait 30 sec to see  
if valve leaks

Wait 30 sec to see  
if valve leaks

Wait\_Tmr.DN

