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\*\*\*\*\* Batch Reactor Control \*\*\*\*\*

Additional internal memory:

Tag	Data Type	
Run	BOOL	On while station running
Step_1 to Step_6	BOOL	Step-in-progress bits
Fast_Agit_Tmr	TIMER	Times fast agitation step
Decr_Agit_Tmr	TIMER	Times decreasing agitation step
Count_A	COUNTER	Measures amount of A being added
Count_B	COUNTER	Measures amount of B being added
Count_Out	COUNTER	Measures amount of product being drained

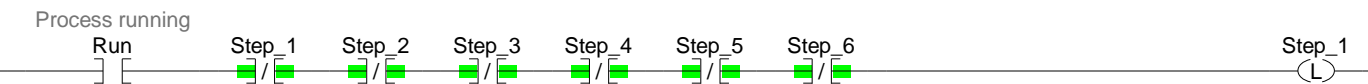
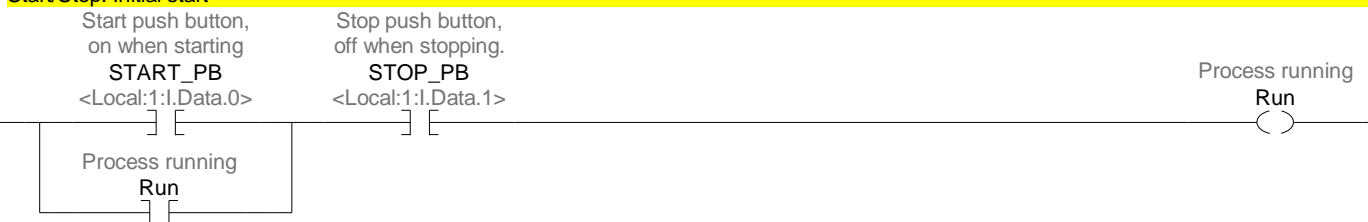
Conversion formulas

$AGIT\_CURR = (ACUR\_MEAS/100) * (20-0) + 0$

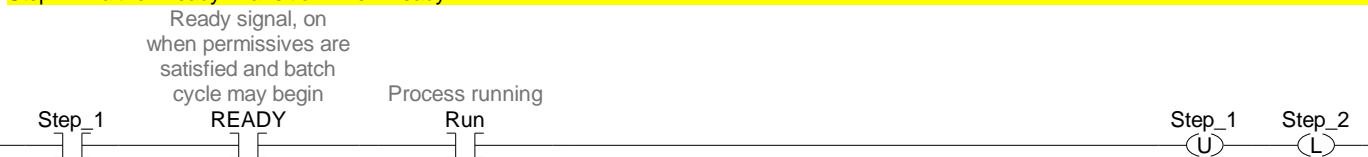
$AGIT\_AO = (AGIT\_RPM/1000) * (100)$

In Step\_5,  $AGIT\_RPM = 500 - Decr\_Agit\_Tmr.ACC/10000$

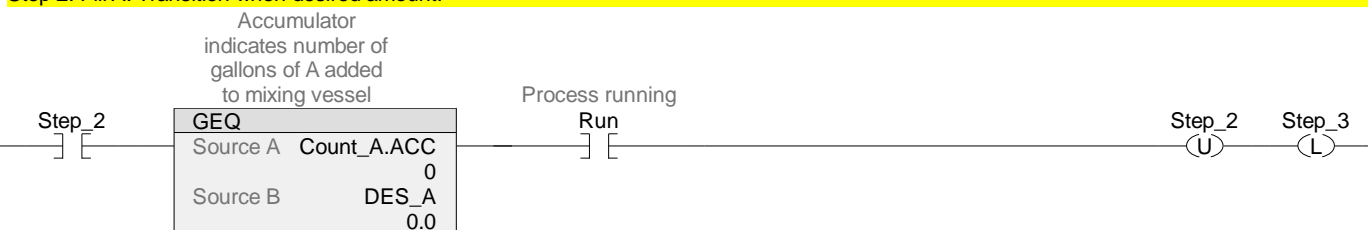
Start/Stop. Initial start



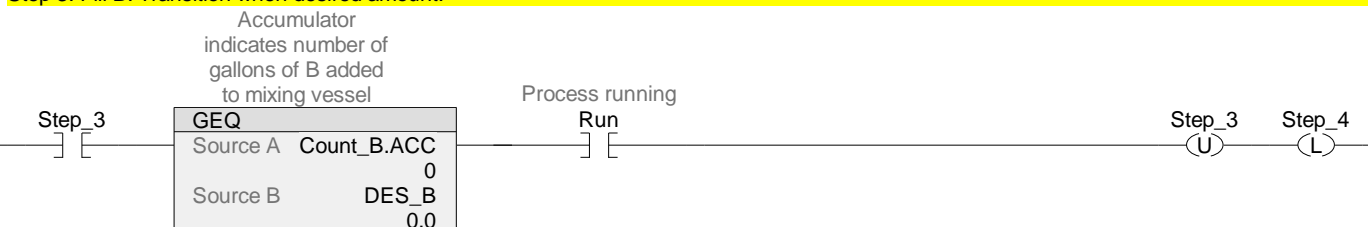
Step 1. Wait for Ready. Transition when Ready.



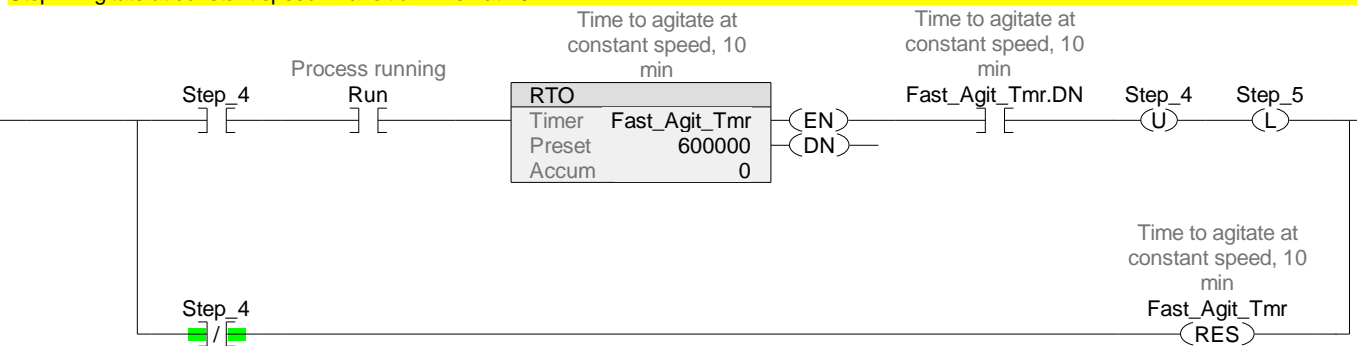
Step 2. Fill A. Transition when desired amount.



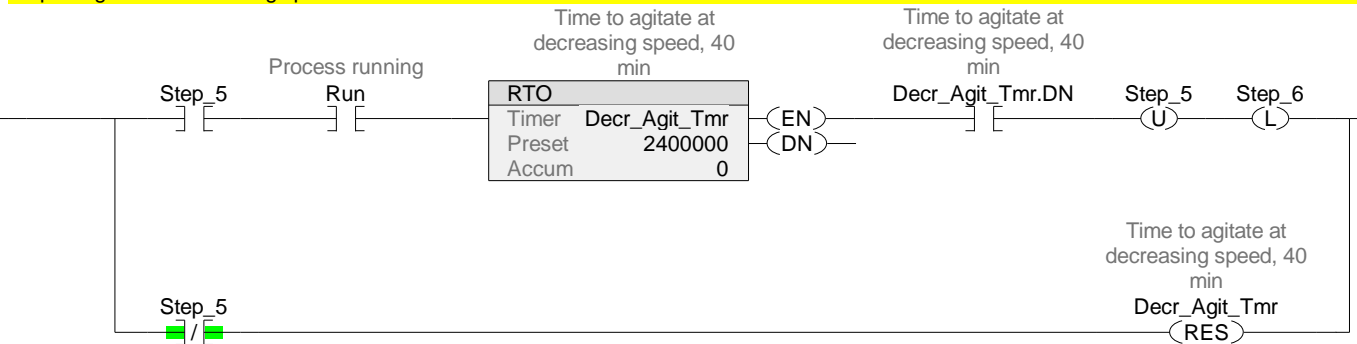
Step 3. Fill B. Transition when desired amount.



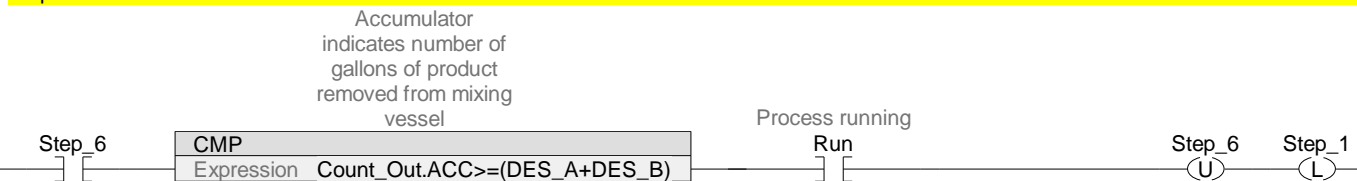
Step 4. Agitate at constant speed. Transition when at 10 min.



Step 5. Agitate at decreasing speed. Transition when at 40 min.



Step 6. Drain tank. Transition when material moved out.



\*\*\*\*\* Outputs \*\*\*\*\*

Valve Controls.

