1. Default settings
   A. V_1 to v_10 close
   B. Pump_1, 2, 3 off


2. Tank cleaning Process
   (water added to the system)
   A. Heat water
       a. v_1 open
       b. v_2 close
       c. Pump_1 start
       d. v_4 open
       e. v_3 open
   B. Keep until water temp reach 95. Keep 15 min
   C. Homogenizer clean
       a. Pump_3 start
       b. V_10 close
       c. V_9 open
       d. Start homogenizer
   D. Keep process 15 min
   E. Draining water
       a. V_10 open
       b. Close v_9 after 5 min
       c. Off homogenizer
       d. Waite 10min drain
       e. V_9, v_10 close
       f. Pump_3 off


3. Milk heating
   (milk added to the system)
   A. Heat milk
       a. System still on heating mode
   B. Keep until milk T upto 95. Keep 45 min
   C. Cooling to 65
       a. V_2 open
       b. V_1, v_3 close
       c. Pump_1 off
       d. V_4 close
       e. V_5, v_7, v_6 open
       f. Pump_2 start
   D. At 65
       a. V_6 close
       b. V_8 open
       c. Pump_2 close
       d. V_5 close
   E. Milk homogenizer
       a. Pump_3 start
       b. V_9 open
   F. Keep until homogenise process 30 min
   G. Cooling to 45
       a. Off homogenizer
       b. V_9 close
       c. Pump_3 off
       d. V_8 close
       e. V_6 open
       f. Pump_2 start
       g. V_5, v_7 open
   H. Keep until milk at 45
   I. Stop cooling
       a. V_6 close
       b. Pump_2 off
       c. V_8 open
       d. V_5, v_7 close