

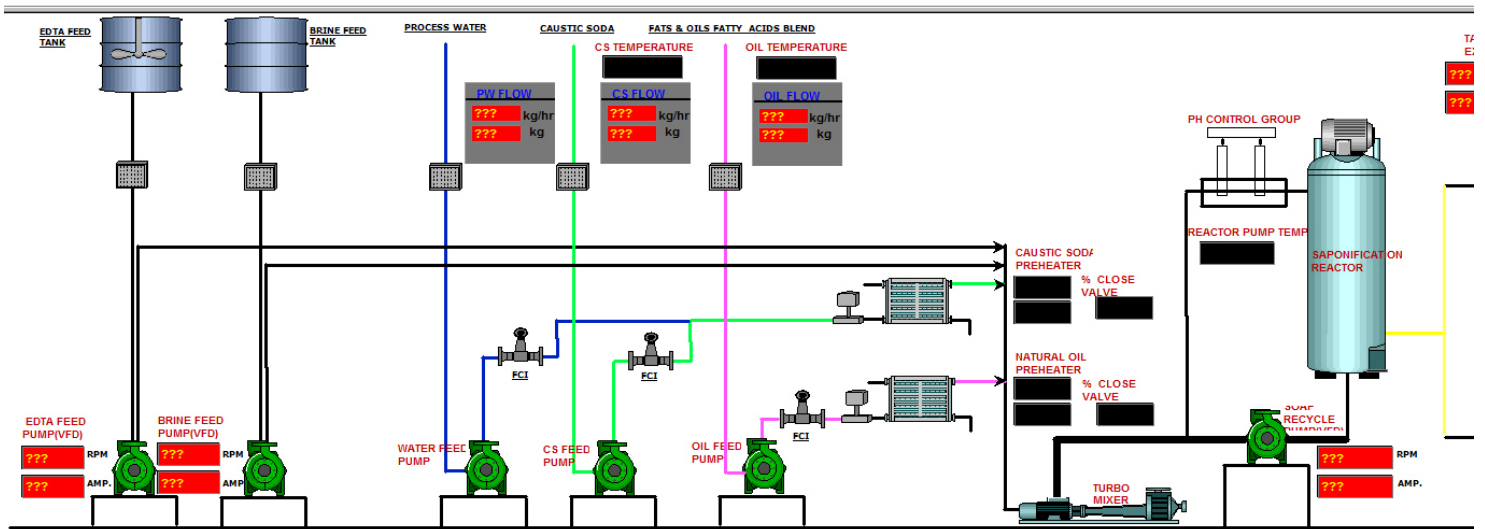
SOAP PLANT

VFD STARTER AND MONITORING

<p>1. BRINE FEED PUMP (PISTON)</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>2. EDTA FEED PUMP (PISTON)</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>3. SOAP RECYCLE PUMP</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>4. TALC SCREW EXTRACTOR</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>5. SODIUM SILICAT DOSING</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>
<p>6. DUPLEX PLODDER-1</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>7. DUPLEX PLODDER-2</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>8. SOAP FINES EXTRUDER (PLODDER)</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>9. SOAP PERFUMING /COLOURING DEVICE</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>10. A- TWIN WORM SIMPLEX EXTRUDER</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>
<p>11. B- TWIN WORM SIMPLEX EXTRUDER</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>12. SOAP PELLETT FEED HOPPER ROTARY VALVE</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>13. A- FEED ROTARY AIRLOCK VALVE</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>14. B- FEED ROTARY AIRLOCK VALVE</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>	<p>15. C- FEED ROTARY AIRLOCK VALVE</p> <p>RUN OFF TRIP</p> <p>START STOP RESET</p>

PUMP

SOAP PLANT

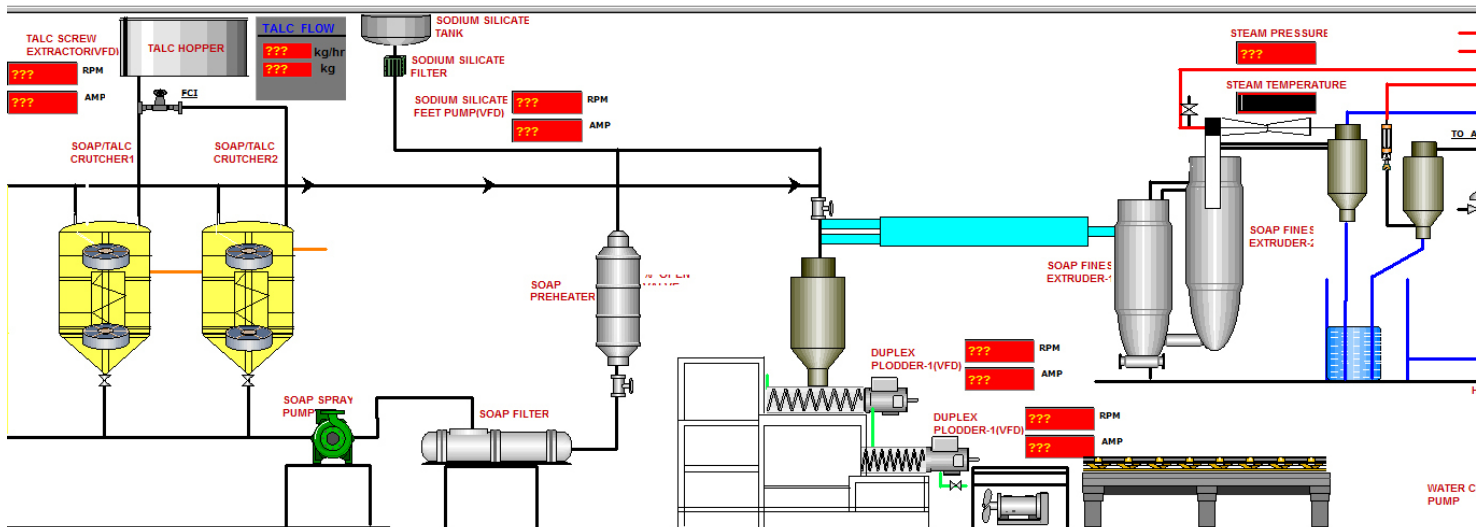


Navigation and status bar:

- PLANT
- SET POINT
- ALARMS
- LOOP SET VALUE
- MOTOR
- LOOP TUNNING
- PLANT SPECIF.
- ALARM ACK.
- ALARM RESET

Windows taskbar: 12:03 PM 17/Dec/2014

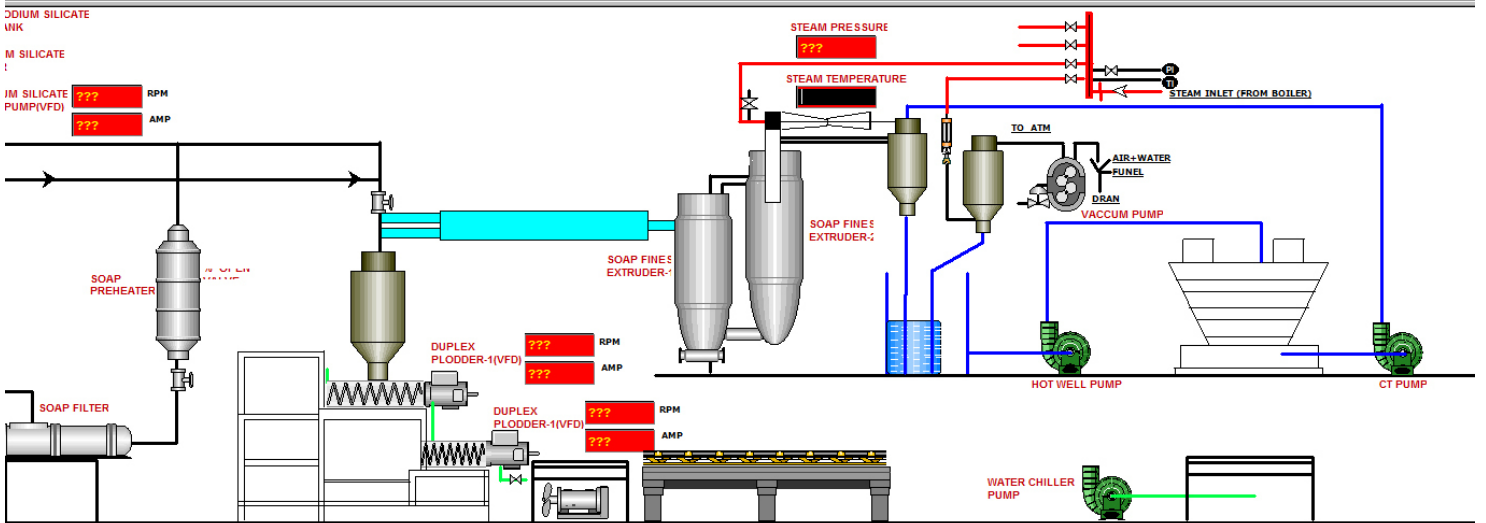
SOAP PLANT



PLANT	SET POINT	ALARMS	LOOP SET VALUE	MOTOR	LOOP TUNNING	PLANT SPECIF.	ALARM ACK.	ALARM RESET
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Windows taskbar: 12:06 PM 17/Dec/2014

SOAP PLANT



PLANT	SET POINT	ALARMS	LOOP SET VALUE	MOTOR	LOOP TUNNING	PLANT SPECIF.	ALARM ACK.	ALARM RESET
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Windows taskbar: 12:07 PM, 17/Dec/2014

PLANT SPECIFICATION

PLANT CAPACITY (KG/HR)		TFM CONTENTS SOAP NOODLES (%)		TOTAL FATTY MATTER
500		70		350
PALM FATTY ACID DIST.		OIL BLEND CALCULATION PALM KERNEL ACID OIL		CAUSTIC MAIN MAIN PUMP
90		10		100
	OIL/FAT	CAUSTIC MAIN		PROCESS WATER
SAP VALUE	216			
TFM FAT BLEND	99			
DENSITY GMS/CC	1	1		
CONCENTRATION %	90	27.51		
WATER CONTENT %	10	72		
RAW MATERIAL FEED KGS/MIN	5.89	3.30	0.55	

TEMPERATURE PID TUNNING SCREEN

OIL CONTROL VALVE PHE

SV	???	% Kp	<input type="text"/>	%
PV	???	Ti	???	%
MV	???	% Td	???	%

CS CONTROL VALVE PHE

SV	???	Kp	???
PV	???	Ti	???
MV	???	Td	???

REACTOR PUMP CONTROL VALVE

SV	???	Kp	???
PV	???	Ti	???
MV	???	Td	???

SOAP PRE HEATER TEMP CONTROL VALVE

SV	???	Kp	???
PV	???	Ti	???
MV	???	Td	???

PLANT

SET POINT

ALARMS

LOOP SET
VALUE

MOTOR

LOOP
TUNNING

PLANT
SPECF.

ALARM
ACK.

ALARM
RESET

