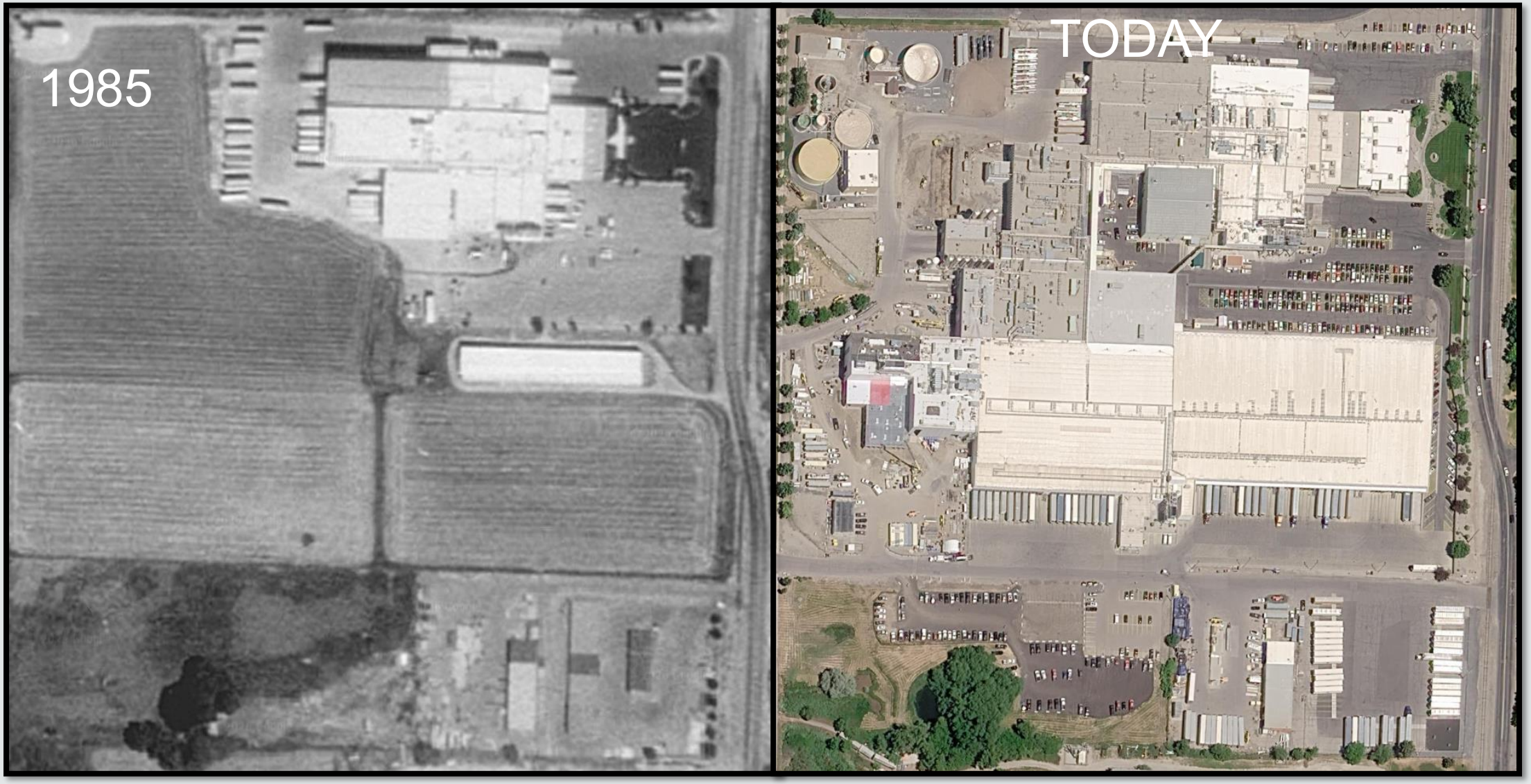
SCHREIBER FOODS

JOURNEY TO STANDARDS

WHO IS SCHREIBER FOODS?

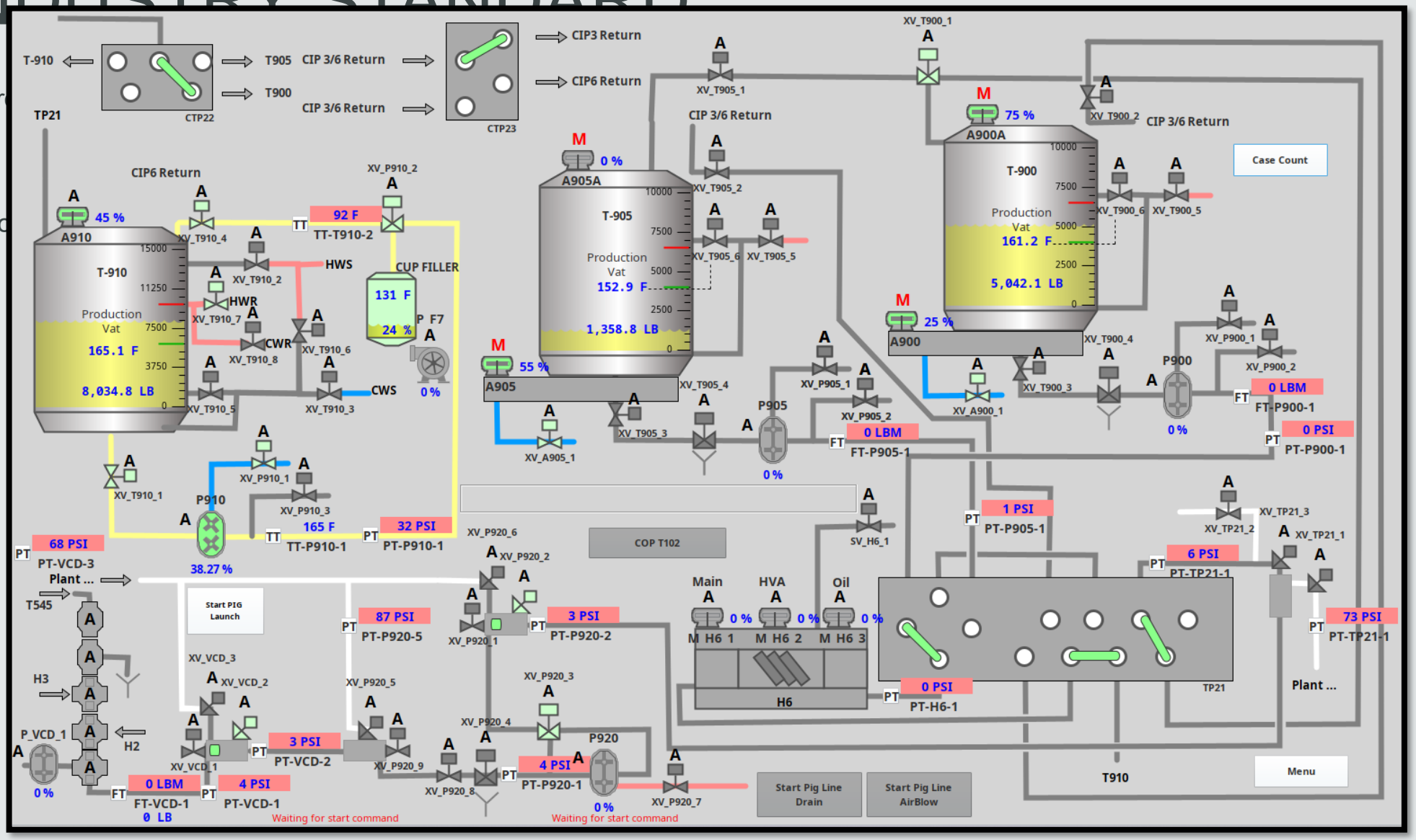


CHIK-FIL-A



INDUSTRY STANDARD

- Pr
  -
  -
- Co
  -



INDUSTRY STANDARD

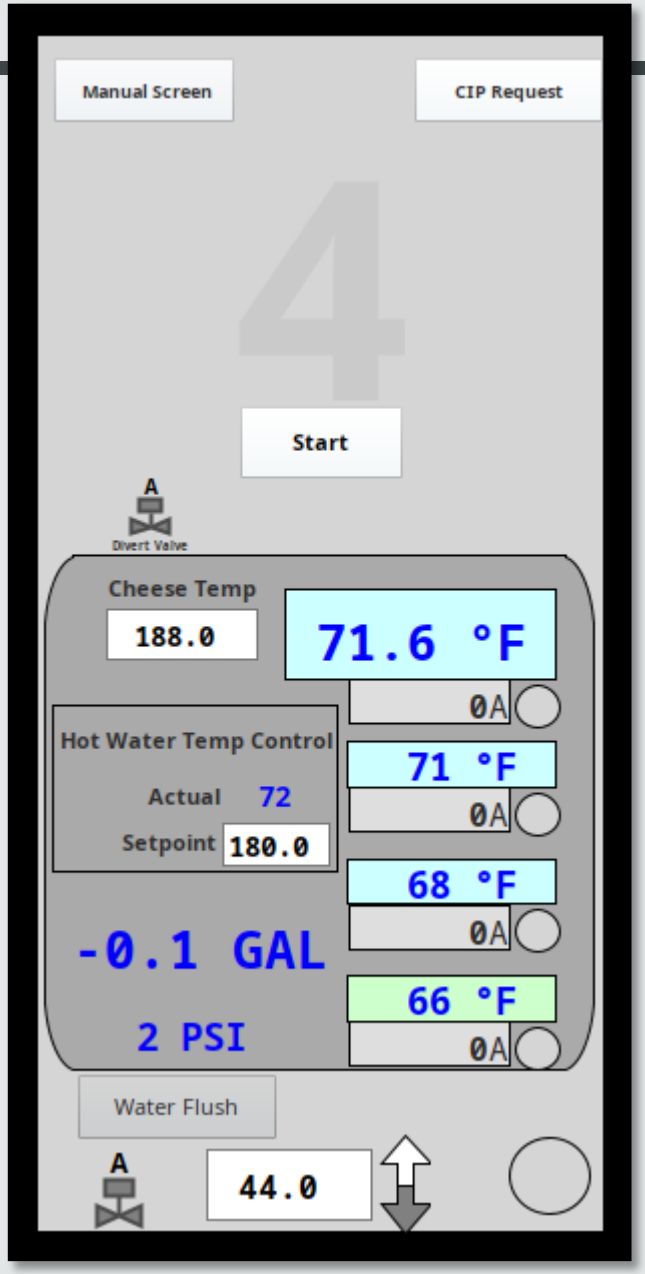
- Pro’s
  - Anyone can do it
  - Everyone does
  - Don’t need to do the pre-work
- Con’s
  - Cost
  - Improvements cross-facilities is nearly impossible
  - Data structure different
  - Control Theory wildly different

SFI APPROACH

- Know your customer
  - Operators
  - Maintenance/Electronic Technicians
  - Engineers
    - Operations Engineers (Lean/Six Sigma)
    - Process Engineers
    - Manufacturing Engineers
  - Operations Leadership

SFI APPROACH

- If you focus on improving the quality of life of the operator, everything follows.
- We know our processes
- Take a step back on the initial development
  - Create the process before design
  - Don’t use P&ID tags
  - Create the template



SFI APPROACH

- Pro’s
  - Scalability
  - Standardized Data Structure
  - Anyone can find the data
  - Standard operations screens
  - Reduced training time
- Con’s
  - Focus
  - Time
  - Culture

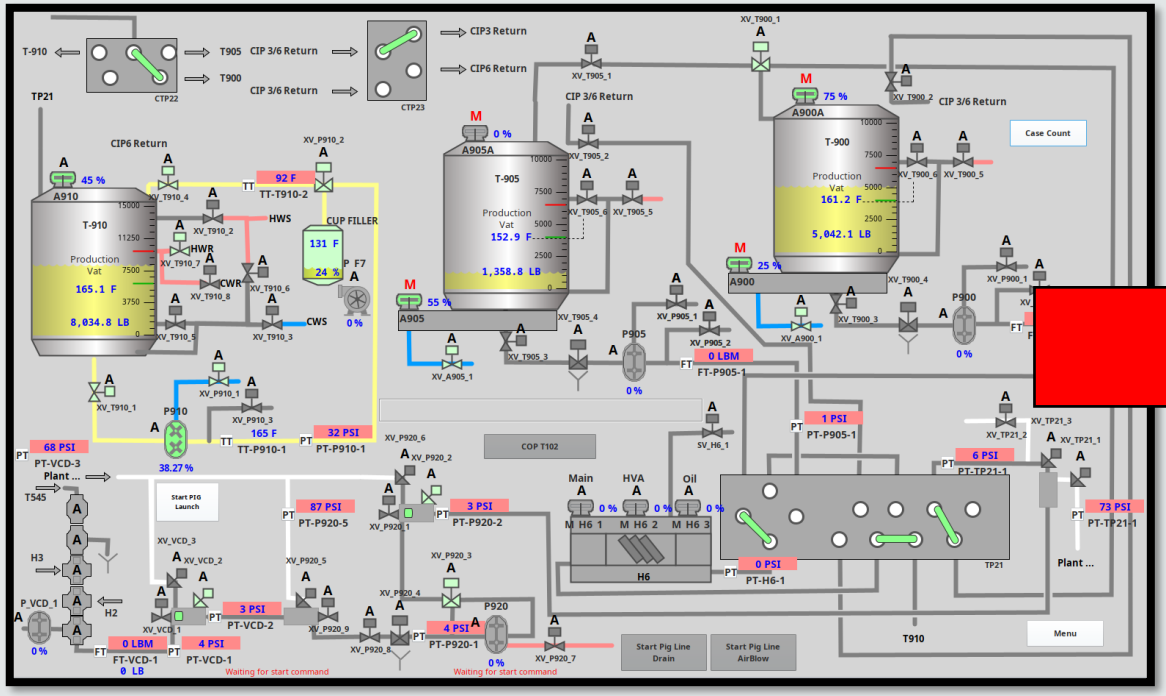
CONTROLS STANDARDS

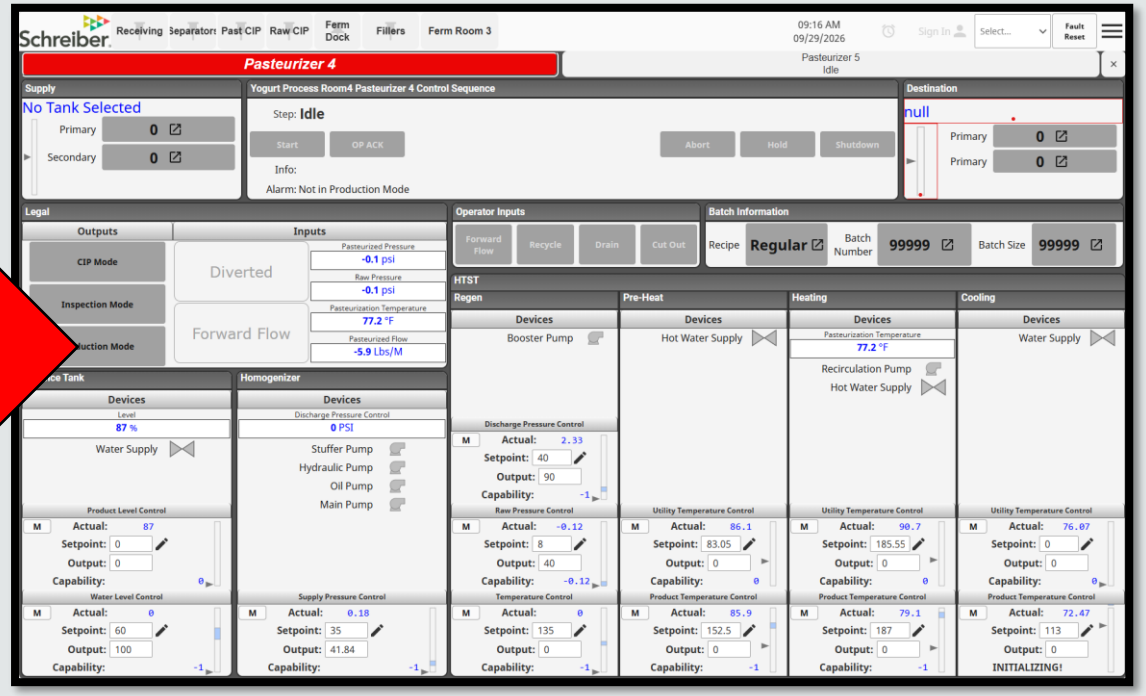
- Standard tag structure for all
  - Valves
  - Motors
  - Sequences
  - Push Buttons
  - Sensors
  - Capability
  - PID Control Loops
- Automated Startup Checklists





RESULTS


T-910
TP21
CTP22
T905
T900
CIP 3/6 Return
CIP3 Return
CIP6 Return
CTP23
CIP6 Return
A910
45 %
T-910
Production Vat
165.1 F
8,034.8 LB
TT-T910-2
92 F
HWS
HWR
CWR
CWS
CUP FILLER
131 F
24 %
0 %
A905A
0 %
T-905
Production Vat
152.9 F
1,358.8 LB
A905
55 %
A900A
75 %
T-900
Production Vat
161.2 F
5,042.1 LB
A900
25 %
Case Count
P910
38.27 %
TT-P910-1
165 F
PT-P910-1
32 PSI
68 PSI
PT-VCD-3
Plant ...
T545
Start P10 Launch
COP T102
P905
0 LBM
FT-P905-1
1 PSI
PT-P905-1
P900
0 %
PT-TP21-1
6 PSI
PT-TP21-2
PT-TP21-3
XV_TP21_1
73 PSI
PT-TP21-1
Plant ...
Main
HVA
Oil
H6
0 PSI
PT-H6-1
TP21
T910
Menu
87 PSI
PT-P920-5
3 PSI
PT-P920-2
3 PSI
PT-VCD-2
4 PSI
PT-P920-1
P920
0 %
0 LBM
FT-VCD-1
0 LB
4 PSI
PT-VCD-1
Waiting for start command
Waiting for start command
Start Pig Line Drain
Start Pig Line AirBlow
H3
H2
P_VCD_1


Schreiber
Receiving
Separators
Past CIP
Raw CIP
Ferm Dock
Fillers
Ferm Room 3
09:16 AM
09/29/2026
Sign In
Select...
Fault Reset
Pasteurizer 4
Pasteurizer 5
Idle
Supply
No Tank Selected
Primary
0
Secondary
0
Yogurt Process Room4 Pasteurizer 4 Control Sequence
Step: Idle
Start
OP ACK
Abort
Hold
Shutdown
Info:
Alarm: Not in Production Mode
Destination
null
Primary
0
Primary
0
Legal
Outputs
Inputs
CIP Mode
Inspection Mode
Diverted
Forward Flow
Pasteurized Pressure
-0.1 psi
Raw Pressure
-0.1 psi
Pasteurization Temperature
77.2 °F
Pasteurized Flow
-5.9 Lbs/M
Operator Inputs
Forward Flow
Recycle
Drain
Cut Out
Batch Information
Recipe
Regular
Batch Number
99999
Batch Size
99999
HTST
Regen
Pre-Heat
Heating
Cooling
Devices
Booster Pump
Hot Water Supply
Pasteurization Temperature
77.2 °F
Recirculation Pump
Hot Water Supply
Water Supply
Homogenizer
Level
87 %
Water Supply
Discharge Pressure Control
0 PSI
Stuffer Pump
Hydraulic Pump
Oil Pump
Main Pump
Discharge Pressure Control
Actual: 2.33
Setpoint: 40
Output: 90
Capability: -1
Product Level Control
Actual: 87
Setpoint: 0
Output: 0
Capability: 0
Raw Pressure Control
Actual: -0.12
Setpoint: 8
Output: 40
Capability: -0.12
Utility Temperature Control
Actual: 86.1
Setpoint: 83.05
Output: 0
Capability: 0
Utility Temperature Control
Actual: 90.7
Setpoint: 185.55
Output: 0
Capability: 0
Utility Temperature Control
Actual: 76.07
Setpoint: 0
Output: 0
Capability: 0
Water Level Control
Actual: 0
Setpoint: 60
Output: 100
Capability: -1
Supply Pressure Control
Actual: 0.18
Setpoint: 35
Output: 41.84
Capability: -1
Temperature Control
Actual: 0
Setpoint: 135
Output: 0
Capability: -1
Product Temperature Control
Actual: 85.9
Setpoint: 152.5
Output: 0
Capability: -1
Product Temperature Control
Actual: 79.1
Setpoint: 187
Output: 0
Capability: -1
Product Temperature Control
Actual: 72.47
Setpoint: 113
Output: 0
INITIALIZING!

RESULTS

- Training Reduction
- Increased Productivity
  - 6.5% increased thruputs across the board
- Variation Reduction
- Operator Testimony

- Personal
  - Significant Reduction in Evening/Weekend calls

TOUR!

- We look forward to showcasing our plant to you tomorrow!

