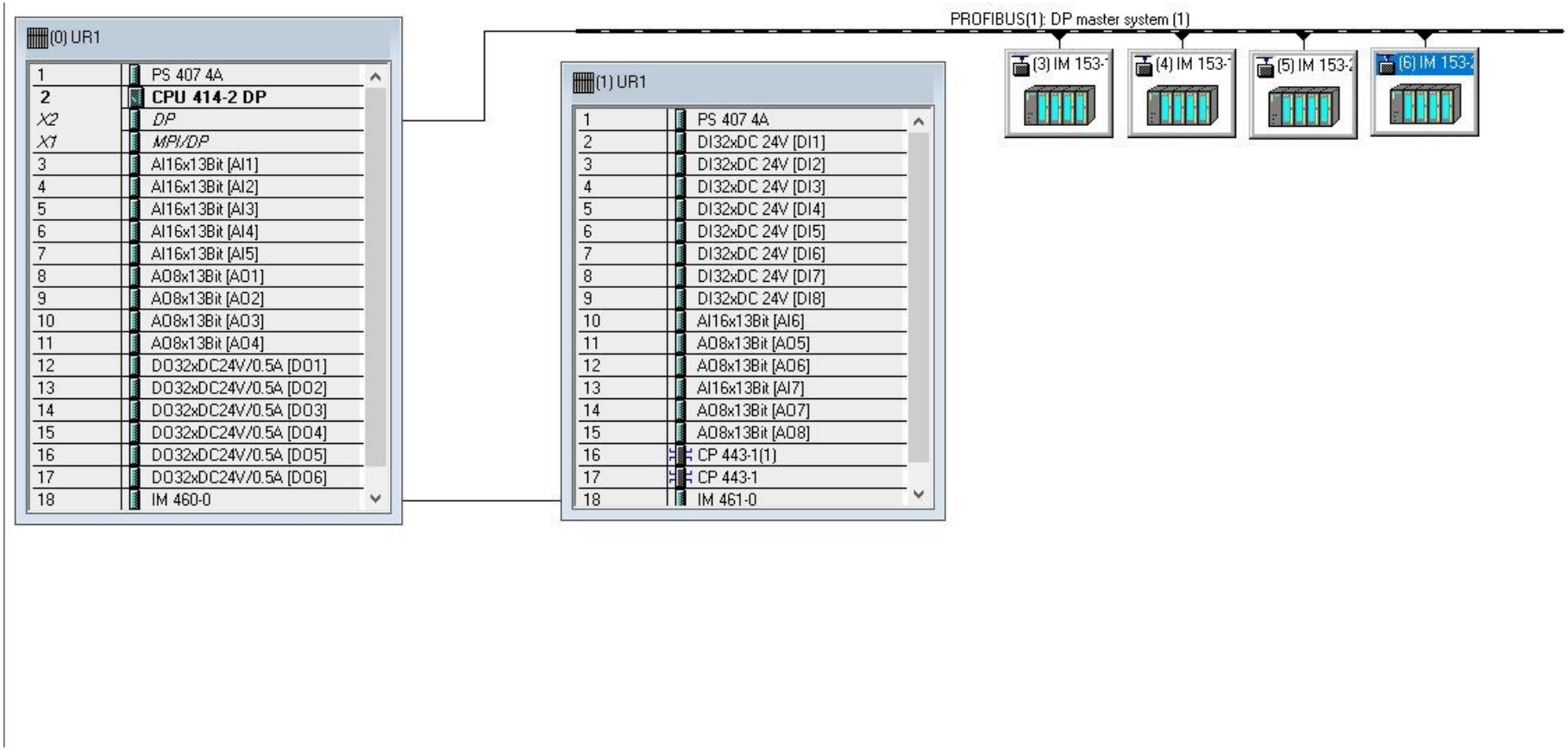
BASF SULPHONATION PRUDUCTION



Automation Software: Siemens Simatic Manager 5.6 and WinCC 7.5 .

Scada Station : 2 Station as Redundant Total Tag: 6520

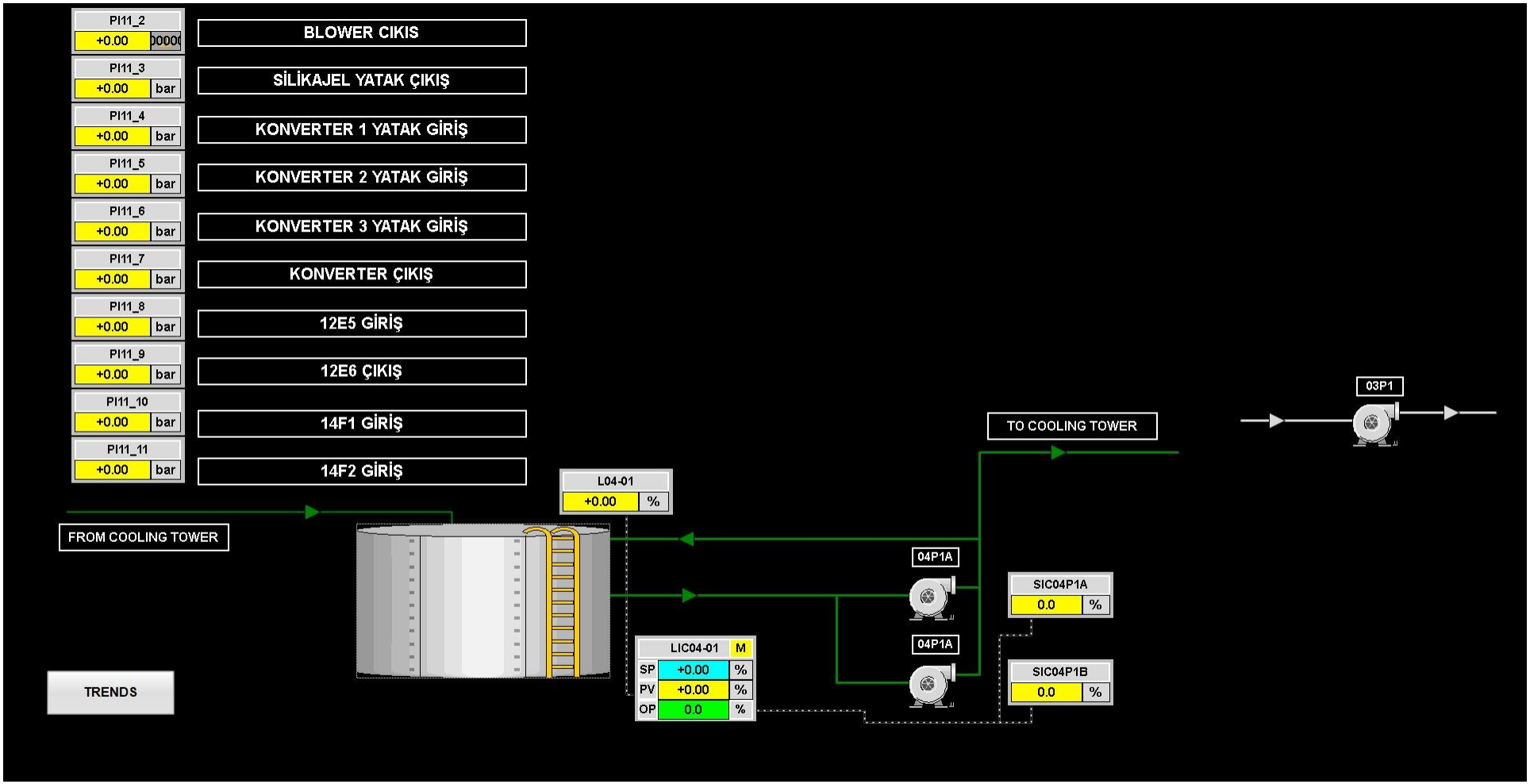
PLC : Siemens S7 400 CPU414_2DP : 1

Digital IO : 1024

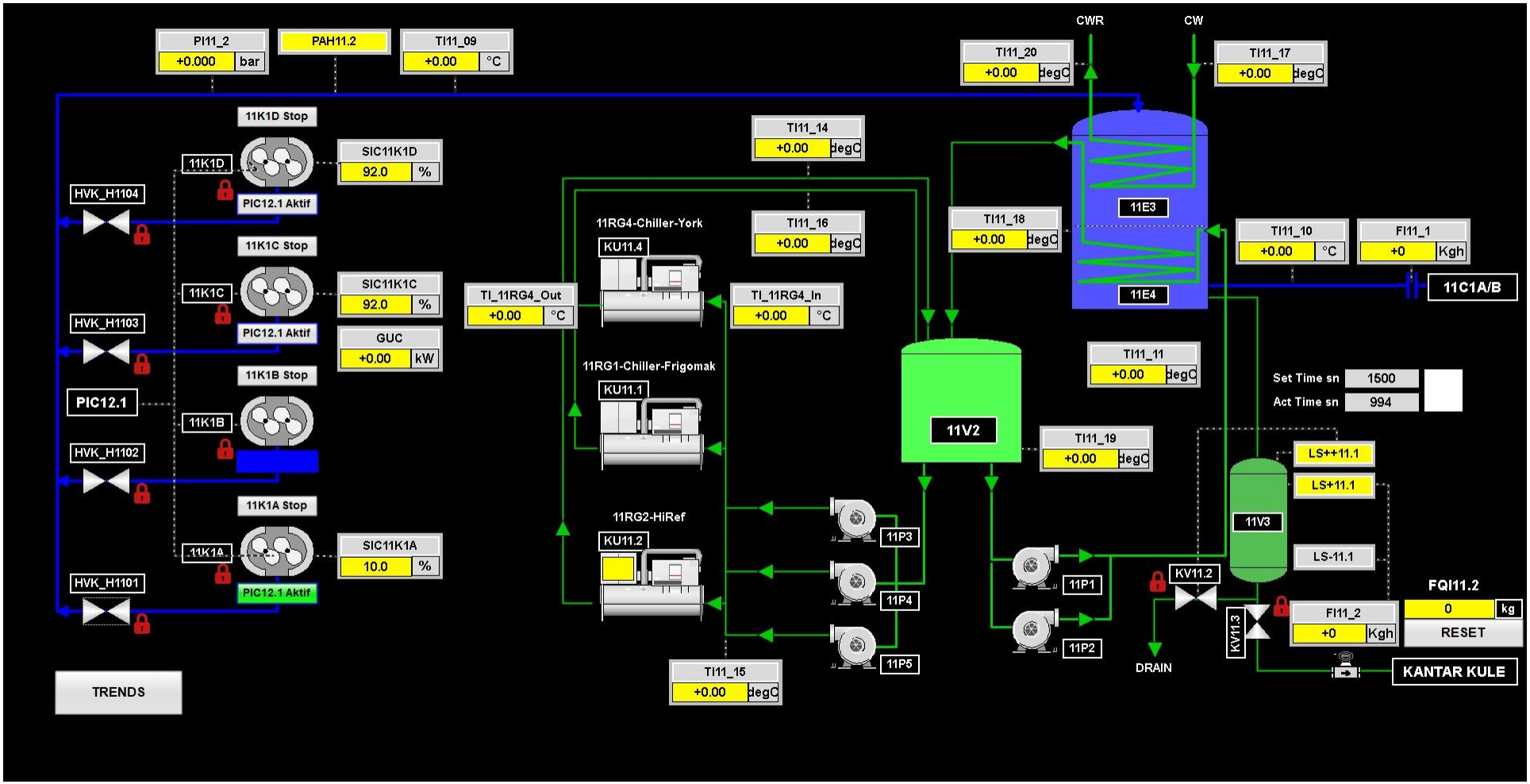
Analog IO : 416

Remote IO: ET200M : 4 -ProfibusDP

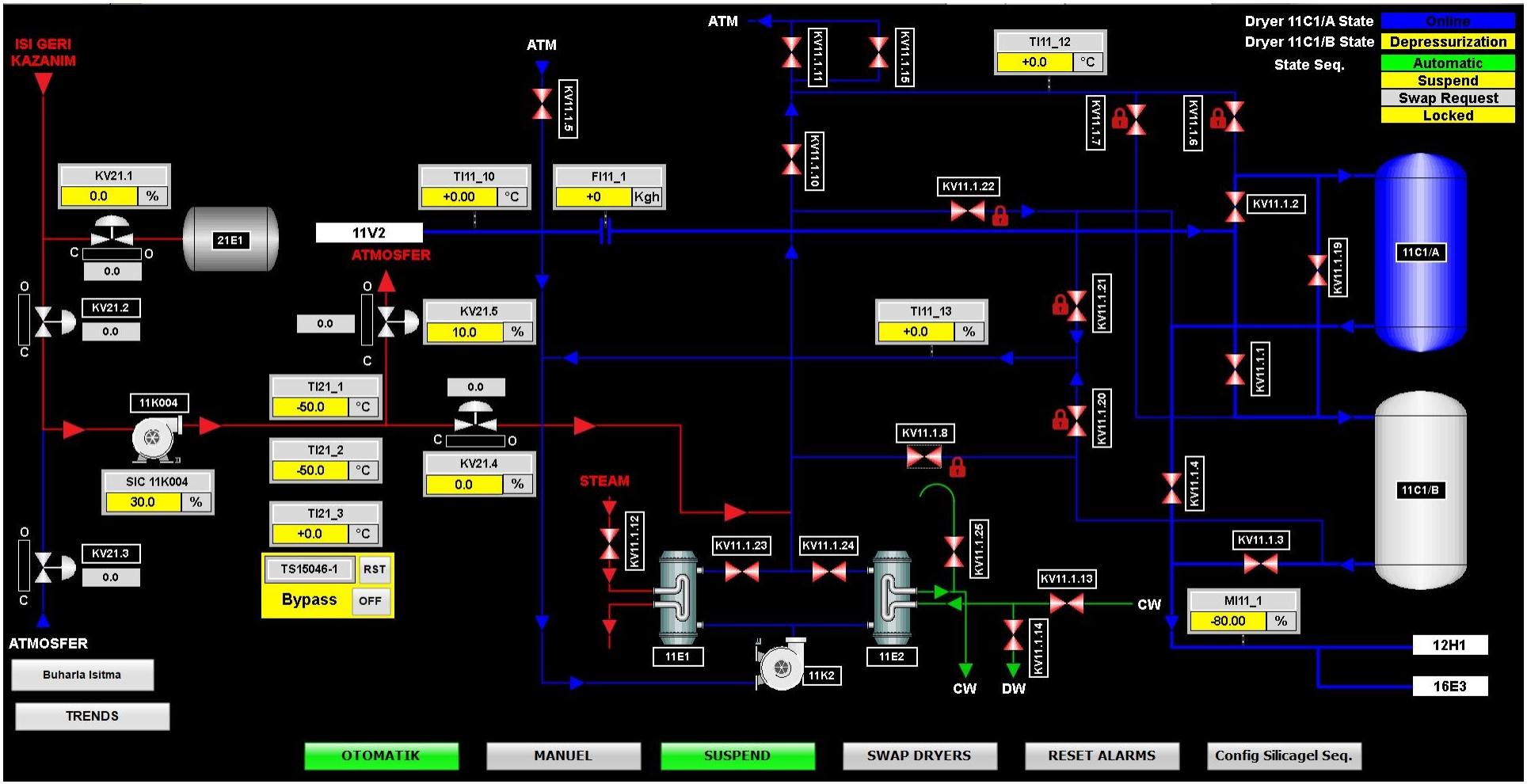
03-04 SCREEN


PI11_2
+0.00
BLOWER CIKIS
PI11_3
+0.00
bar
SİLİKAJEL YATAK ÇIKIŞ
PI11_4
+0.00
bar
KONVERTER 1 YATAK GİRİŞ
PI11_5
+0.00
bar
KONVERTER 2 YATAK GİRİŞ
PI11_6
+0.00
bar
KONVERTER 3 YATAK GİRİŞ
PI11_7
+0.00
bar
KONVERTER ÇIKIŞ
PI11_8
+0.00
bar
12E5 GİRİŞ
PI11_9
+0.00
bar
12E6 ÇIKIŞ
PI11_10
+0.00
bar
14F1 GİRİŞ
PI11_11
+0.00
bar
14F2 GİRİŞ
03P1
TO COOLING TOWER
L04-01
+0.00
%
FROM COOLING TOWER
04P1A
SIC04P1A
0.0
%
LIC04-01
M
SP
+0.00
%
PV
+0.00
%
OP
0.0
%
04P1A
SIC04P1B
0.0
%
TRENDS

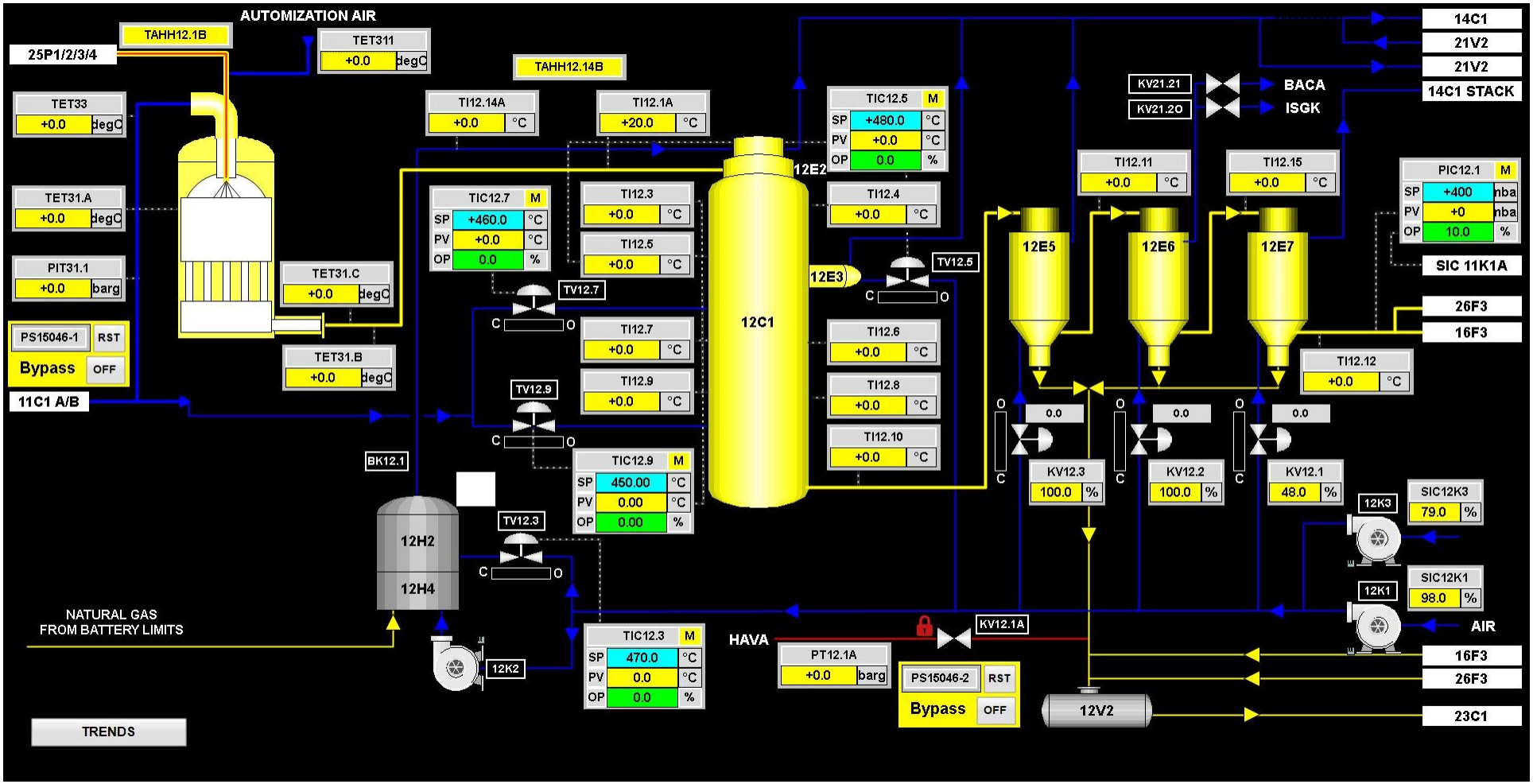
11A SCREEN


PI11_2
+0.000
bar
PAH11.2
TI11_09
+0.00
°C
CWR
CW
TI11_20
+0.00
degC
TI11_17
+0.00
degC
11K1D Stop
11K1D
SIC11K1D
92.0
%
PIC12.1 Aktif
HVK_H1104
TI11_14
+0.00
degC
11E3
TI11_18
+0.00
degC
TI11_10
+0.00
°C
FI11_1
+0
Kgh
11C1A/B
11K1C Stop
11K1C
SIC11K1C
92.0
%
PIC12.1 Aktif
HVK_H1103
GUC
+0.00
kW
11RG4-Chiller-York
KU11.4
TI11_16
+0.00
degC
TI_11RG4_Out
+0.00
°C
TI_11RG4_In
+0.00
°C
11E4
11K1B Stop
PIC12.1
11K1B
HVK_H1102
11RG1-Chiller-Frigomak
KU11.1
11V2
TI11_11
+0.00
degC
Set Time sn
1500
Act Time sn
994
TI11_19
+0.00
degC
LS++11.1
LS+11.1
11K1A Stop
11K1A
SIC11K1A
10.0
%
PIC12.1 Aktif
HVK_H1101
11RG2-HiRef
KU11.2
11V3
LS-11.1
11P3
11P4
11P5
11P1
11P2
KV11.2
KV11.3
DRAIN
FI11_2
+0
Kgh
FQI11.2
0
kg
RESET
KANTAR KULE
TI11_15
+0.00
degC
TRENDS

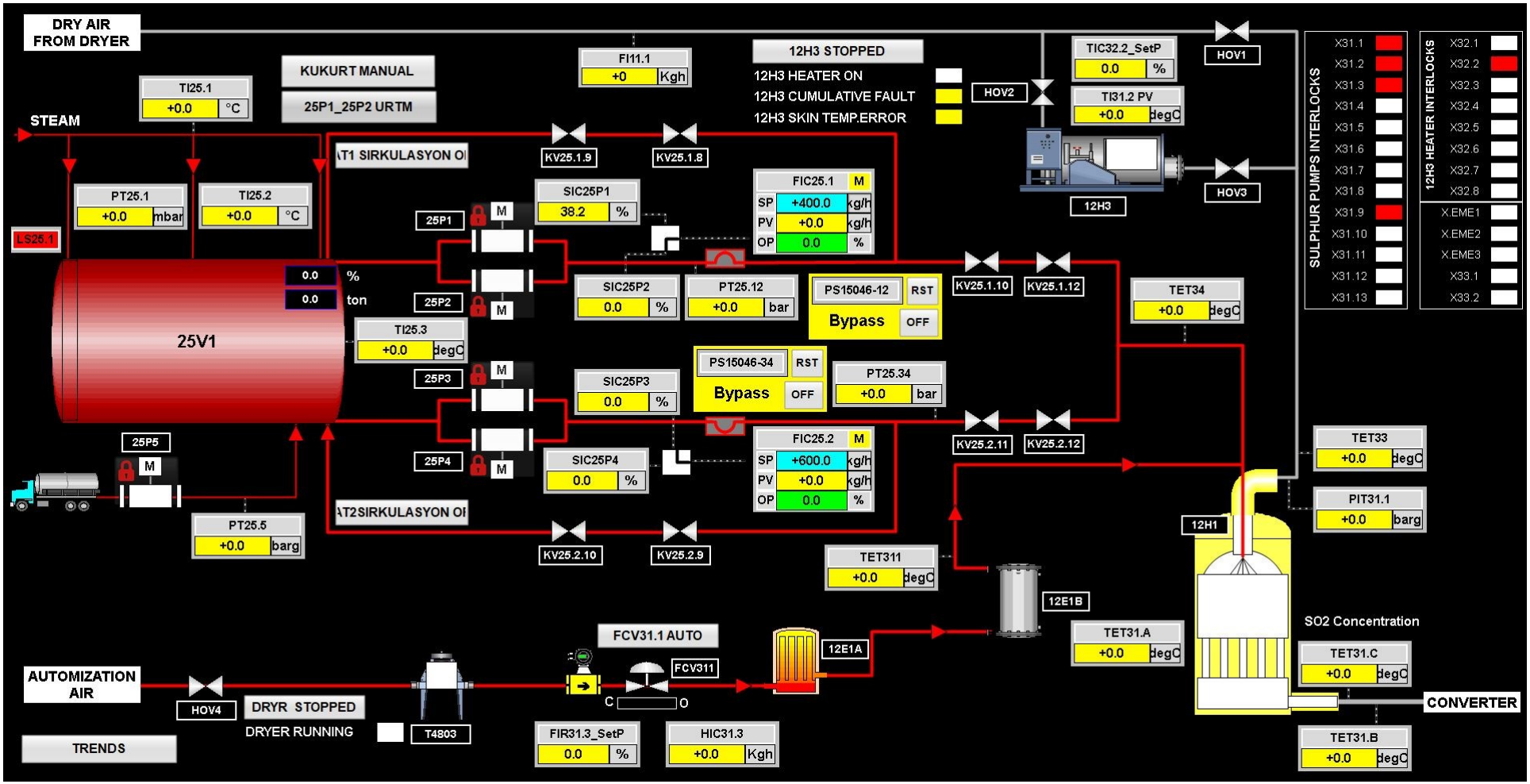
11B DRYER SCREEN



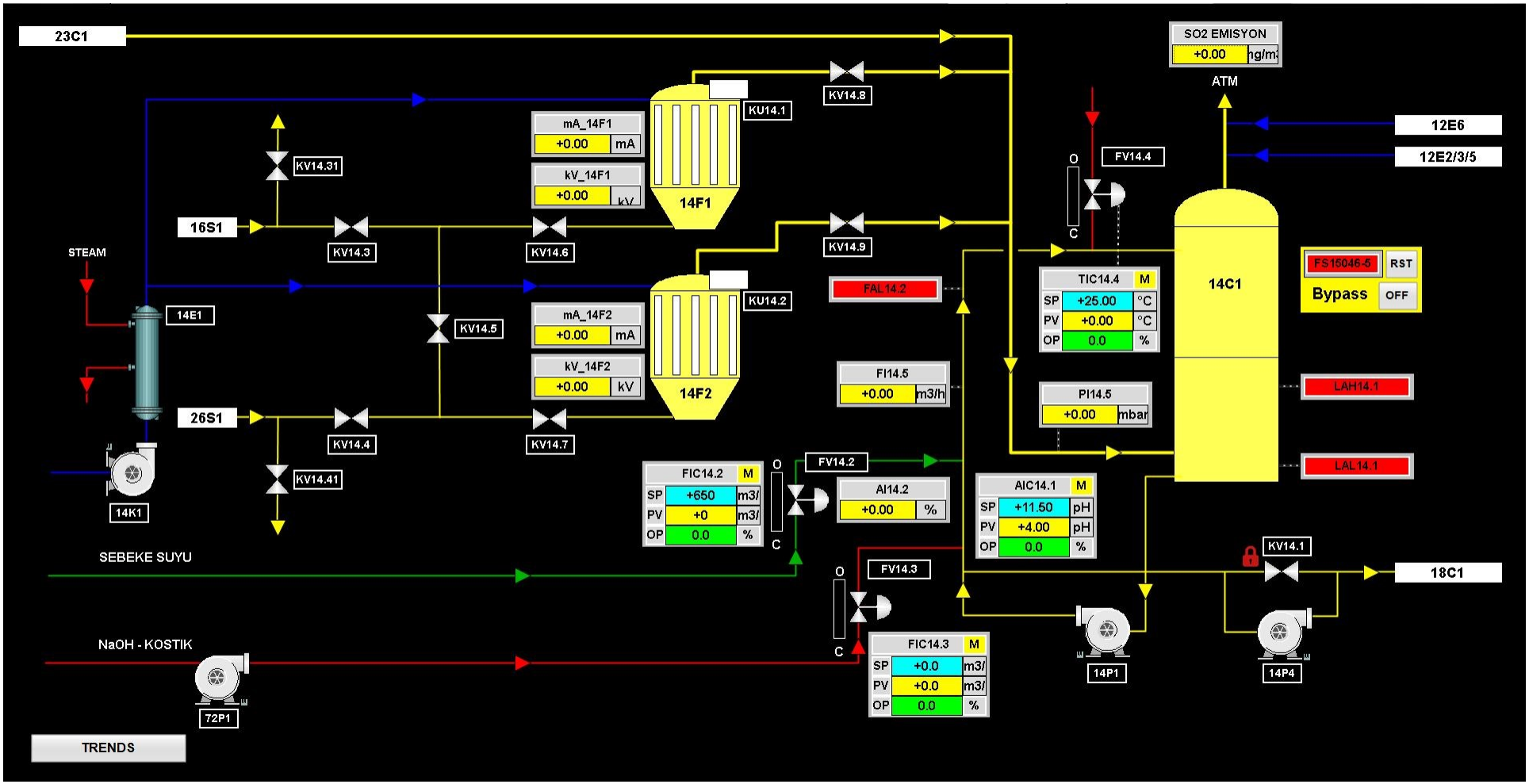
12 SCREEN


AUTOMIZATION AIR
TAHH12.1B
TET311
+0.0 degC
25P1/2/3/4
TAHH12.14B
TET33
+0.0 degC
TI12.14A
+0.0 °C
TI12.1A
+20.0 °C
TIC12.5 M
SP +480.0 °C
PV +0.0 °C
OP 0.0 %
12E2
KV21.21
KV21.2O
BACA
ISGK
14C1
21V2
21V2
14C1 STACK
TET31.A
+0.0 degC
TIC12.7 M
SP +460.0 °C
PV +0.0 °C
OP 0.0 %
TI12.3
+0.0 °C
TI12.4
+0.0 °C
TI12.11
+0.0 °C
TI12.15
+0.0 °C
PIC12.1 M
SP +400 nba
PV +0 nba
OP 10.0 %
PIT31.1
+0.0 barg
TET31.C
+0.0 degC
TV12.7
TI12.5
+0.0 °C
12E3
TV12.5
12E5
12E6
12E7
SIC 11K1A
26F3
16F3
PS15046-1 RST
Bypass OFF
11C1 A/B
TET31.B
+0.0 degC
12C1
TI12.7
+0.0 °C
TI12.6
+0.0 °C
TI12.12
+0.0 °C
TV12.9
TI12.9
+0.0 °C
TI12.8
+0.0 °C
BK12.1
TIC12.9 M
SP 450.00 °C
PV 0.00 °C
OP 0.00 %
TI12.10
+0.0 °C
0.0
0.0
0.0
KV12.3
100.0 %
KV12.2
100.0 %
KV12.1
48.0 %
12K3
SIC12K3
79.0 %
TV12.3
12H2
12H4
12K1
SIC12K1
98.0 %
AIR
NATURAL GAS
FROM BATTERY LIMITS
TIC12.3 M
SP 470.0 °C
PV 0.0 °C
OP 0.0 %
HAVA
KV12.1A
PT12.1A
+0.0 barg
PS15046-2 RST
Bypass OFF
12K2
12V2
16F3
26F3
23C1
TRENDS

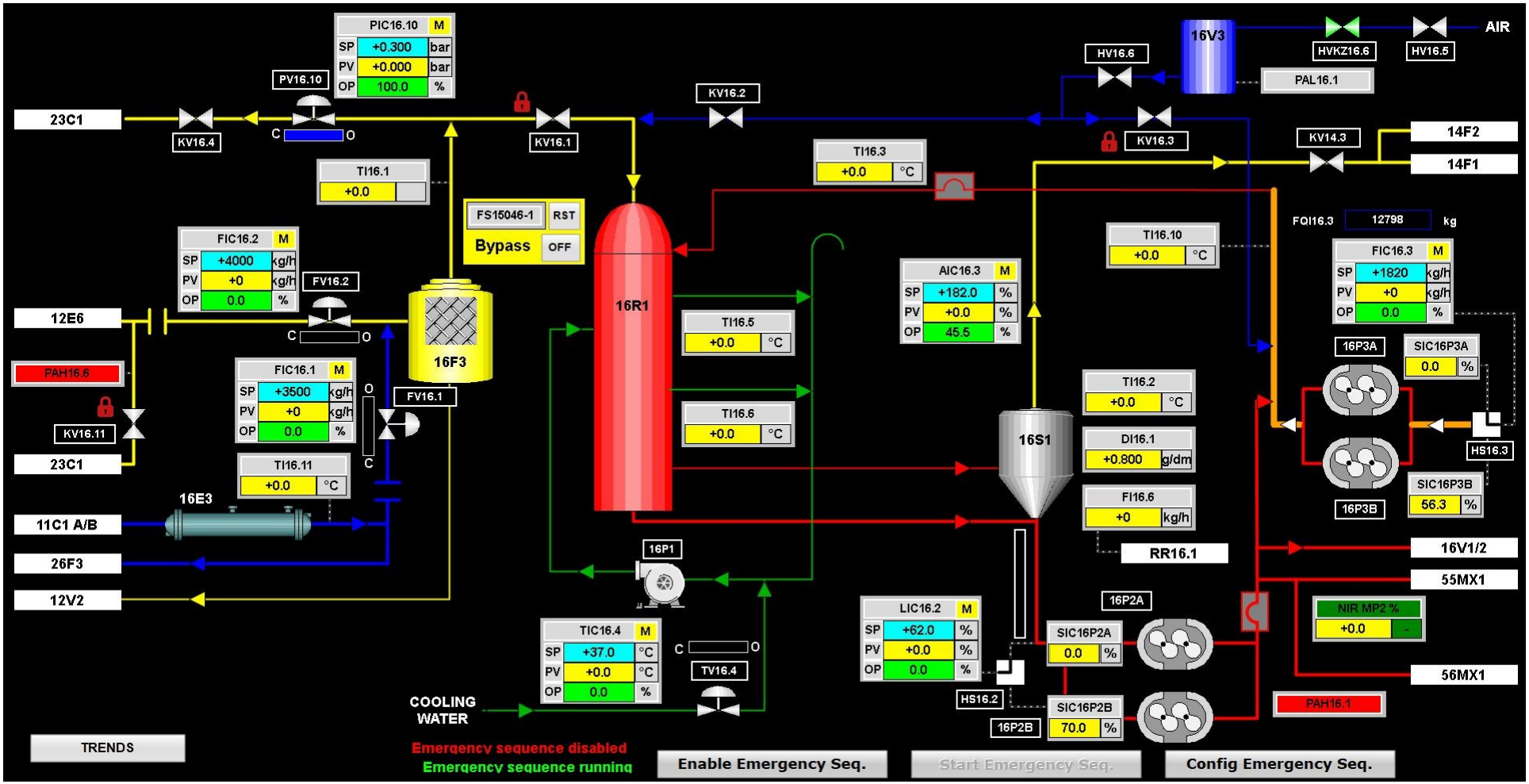
12-25 SCREEN


DRY AIR FROM DRYER
STEAM
TI25.1 +0.0 °C
KUKURT MANUAL
25P1_25P2 URTM
FI11.1 +0 Kgh
12H3 STOPPED
12H3 HEATER ON
12H3 CUMULATIVE FAULT
12H3 SKIN TEMP.ERROR
HOV2
TIC32.2_SetP 0.0 %
TI31.2 PV +0.0 degC
HOV1
HOV3
12H3
SULPHUR PUMPS INTERLOCKS
X31.1
X31.2
X31.3
X31.4
X31.5
X31.6
X31.7
X31.8
X31.9
X31.10
X31.11
X31.12
X31.13
12H3 HEATER INTERLOCKS
X32.1
X32.2
X32.3
X32.4
X32.5
X32.6
X32.7
X32.8
X.EME1
X.EME2
X.EME3
X33.1
X33.2
PT25.1 +0.0 mbar
TI25.2 +0.0 °C
LS25.1
KV25.1.9
KV25.1.8
SIC25P1 38.2 %
FIC25.1 M
SP +400.0 kg/h
PV +0.0 kg/h
OP 0.0 %
25P1
25P2
25V1
0.0 %
0.0 ton
TI25.3 +0.0 degC
SIC25P2 0.0 %
PT25.12 +0.0 bar
PS15046-12 RST
Bypass OFF
KV25.1.10
KV25.1.12
TET34 +0.0 degC
25P3
SIC25P3 0.0 %
PS15046-34 RST
Bypass OFF
PT25.34 +0.0 bar
25P5
25P4
SIC25P4 0.0 %
FIC25.2 M
SP +600.0 kg/h
PV +0.0 kg/h
OP 0.0 %
KV25.2.11
KV25.2.12
TET33 +0.0 degC
PIT31.1 +0.0 barg
PT25.5 +0.0 barg
AT2SIRKULASYON OI
KV25.2.10
KV25.2.9
TET311 +0.0 degC
12H1
12E1B
SO2 Concentration
TET31.A +0.0 degC
TET31.C +0.0 degC
FCV31.1 AUTO
FCV311
12E1A
AUTOMIZATION AIR
HOV4
DRYR STOPPED
DRYER RUNNING
T4803
C
O
CONVERTER
TRENDS
FIR31.3_SetP 0.0 %
HIC31.3 +0.0 Kgh
TET31.B +0.0 degC

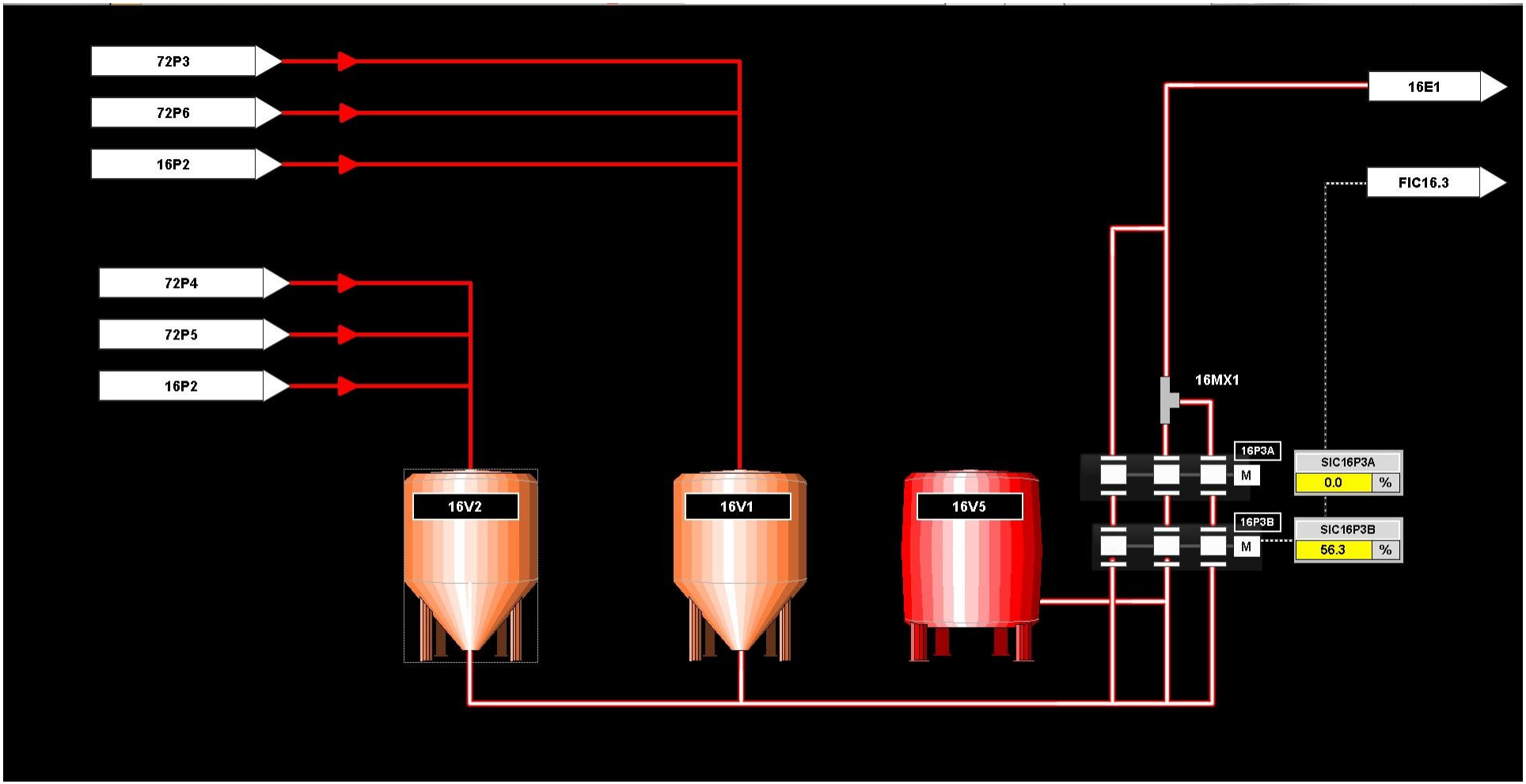
14 SCREEN


23C1
SO2 EMISYON
+0.00 ng/m
ATM
12E6
12E2/3/5
KV14.8
KU14.1
mA_14F1
+0.00 mA
kV_14F1
+0.00 kV
14F1
KV14.31
16S1
KV14.3
KV14.6
KV14.9
FV14.4
O
C
STEAM
14E1
KV14.5
KU14.2
mA_14F2
+0.00 mA
kV_14F2
+0.00 kV
14F2
FAL14.2
TIC14.4 M
SP +25.00 °C
PV +0.00 °C
OP 0.0 %
14C1
FS15046-5 RST
Bypass OFF
FI14.5
+0.00 m3/h
PI14.5
+0.00 mbar
LAH14.1
LAL14.1
26S1
KV14.4
KV14.7
KV14.41
FIC14.2 M
SP +650 m3/
PV +0 m3/
OP 0.0 %
FV14.2
AI14.2
+0.00 %
AIC14.1 M
SP +11.50 pH
PV +4.00 pH
OP 0.0 %
14K1
SEBEKE SUYU
KV14.1
18C1
FV14.3
FIC14.3 M
SP +0.0 m3/
PV +0.0 m3/
OP 0.0 %
14P1
14P4
NaOH - KOSTIK
72P1
TRENDS

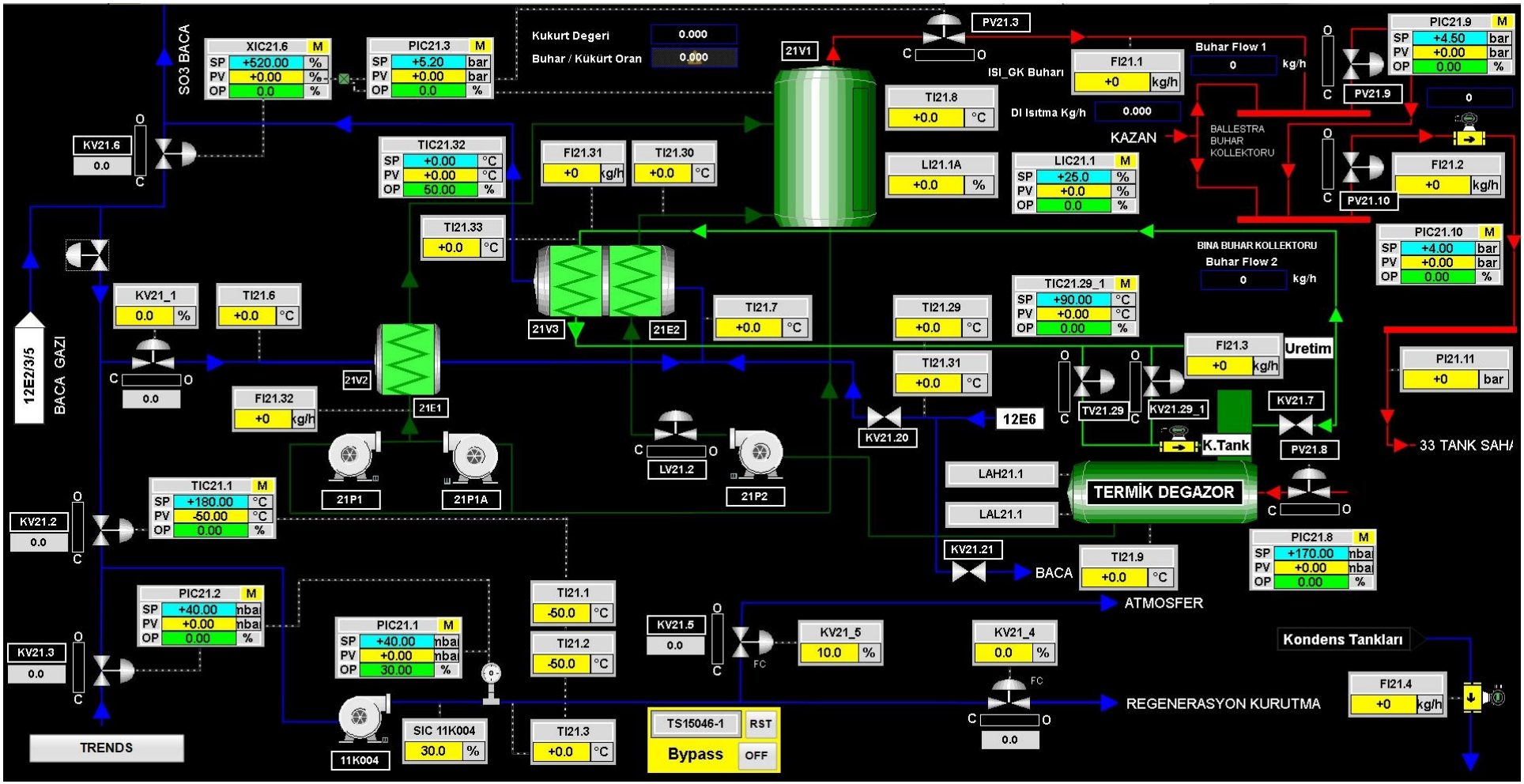
16A SCREEN


PIC16.10 M
SP +0.300 bar
PV +0.000 bar
OP 100.0 %
PV16.10
23C1
KV16.4
KV16.1
KV16.2
TI16.1 +0.0
FS15046-1 RST
Bypass OFF
FIC16.2 M
SP +4000 kg/h
PV +0 kg/h
OP 0.0 %
FV16.2
12E6
PAH16.6
KV16.11
23C1
FIC16.1 M
SP +3500 kg/h
PV +0 kg/h
OP 0.0 %
FV16.1
TI16.11 +0.0 °C
16E3
11C1 A/B
26F3
12V2
16F3
16R1
TI16.3 +0.0 °C
TI16.5 +0.0 °C
TI16.6 +0.0 °C
AIC16.3 M
SP +182.0 %
PV +0.0 %
OP 45.5 %
16V3
HV16.6
HVKZ16.6
HV16.5
AIR
PAL16.1
KV16.3
KV14.3
14F2
14F1
TI16.10 +0.0 °C
FQI16.3 12798 kg
FIC16.3 M
SP +1820 kg/h
PV +0 kg/h
OP 0.0 %
16P3A
SIC16P3A 0.0 %
HS16.3
16P3B
SIC16P3B 56.3 %
TI16.2 +0.0 °C
16S1
DI16.1 +0.800 g/dm
FI16.6 +0 kg/h
RR16.1
16V1/2
55MX1
56MX1
NIR MP2 % +0.0
16P1
TIC16.4 M
SP +37.0 °C
PV +0.0 °C
OP 0.0 %
TV16.4
COOLING WATER
LIC16.2 M
SP +62.0 %
PV +0.0 %
OP 0.0 %
16P2A
SIC16P2A 0.0 %
HS16.2
16P2B
SIC16P2B 70.0 %
PAH16.1
TRENDS
Emergency sequence disabled
Emergency sequence running
Enable Emergency Seq.
Start Emergency Seq.
Config Emergency Seq.

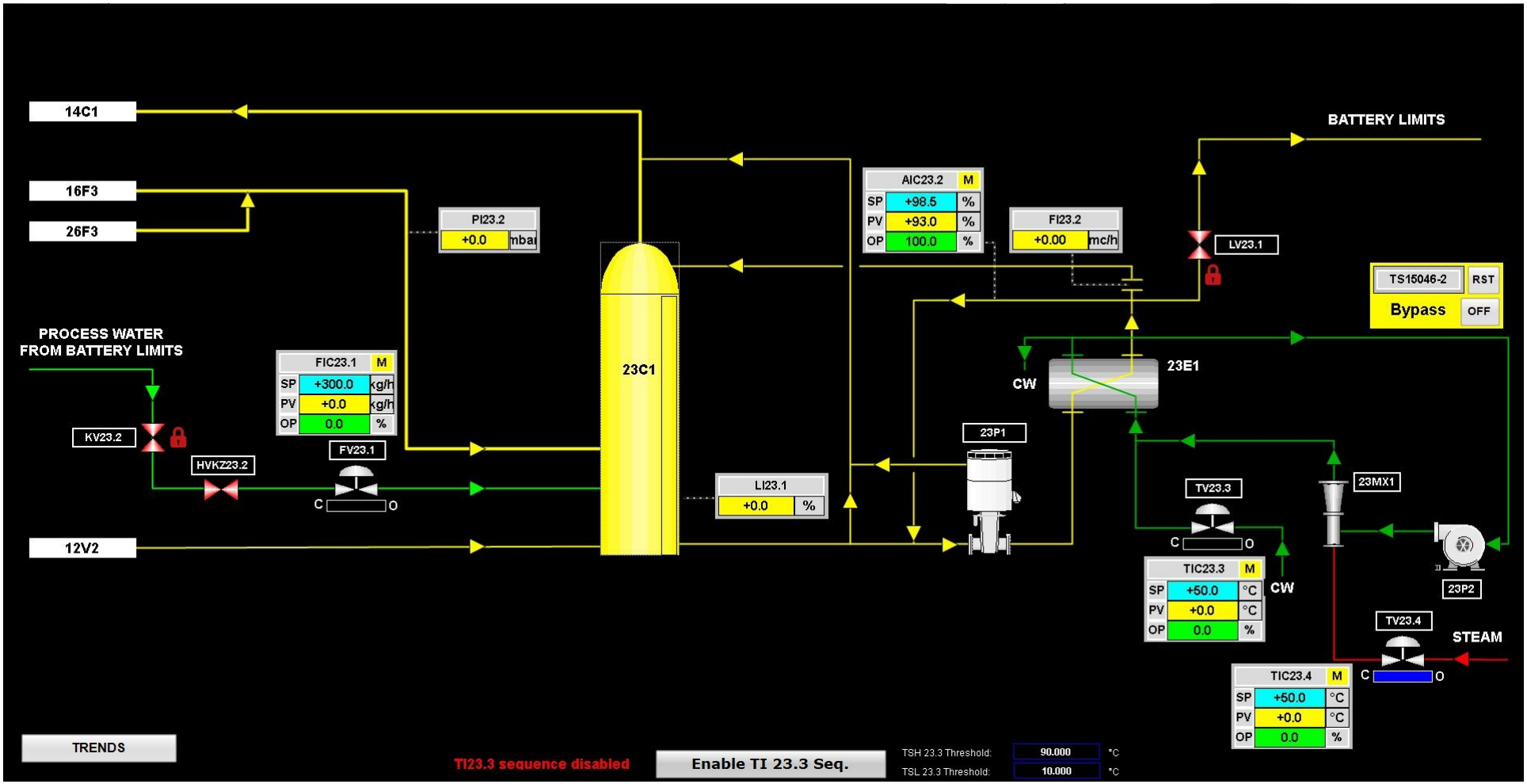
16B SCREEN


72P3
72P6
16P2
72P4
72P5
16P2
16V2
16V1
16V5
16MX1
16E1
FIC16.3
16P3A
M
16P3B
M
SIC16P3A
0.0
%
SIC16P3B
56.3
%

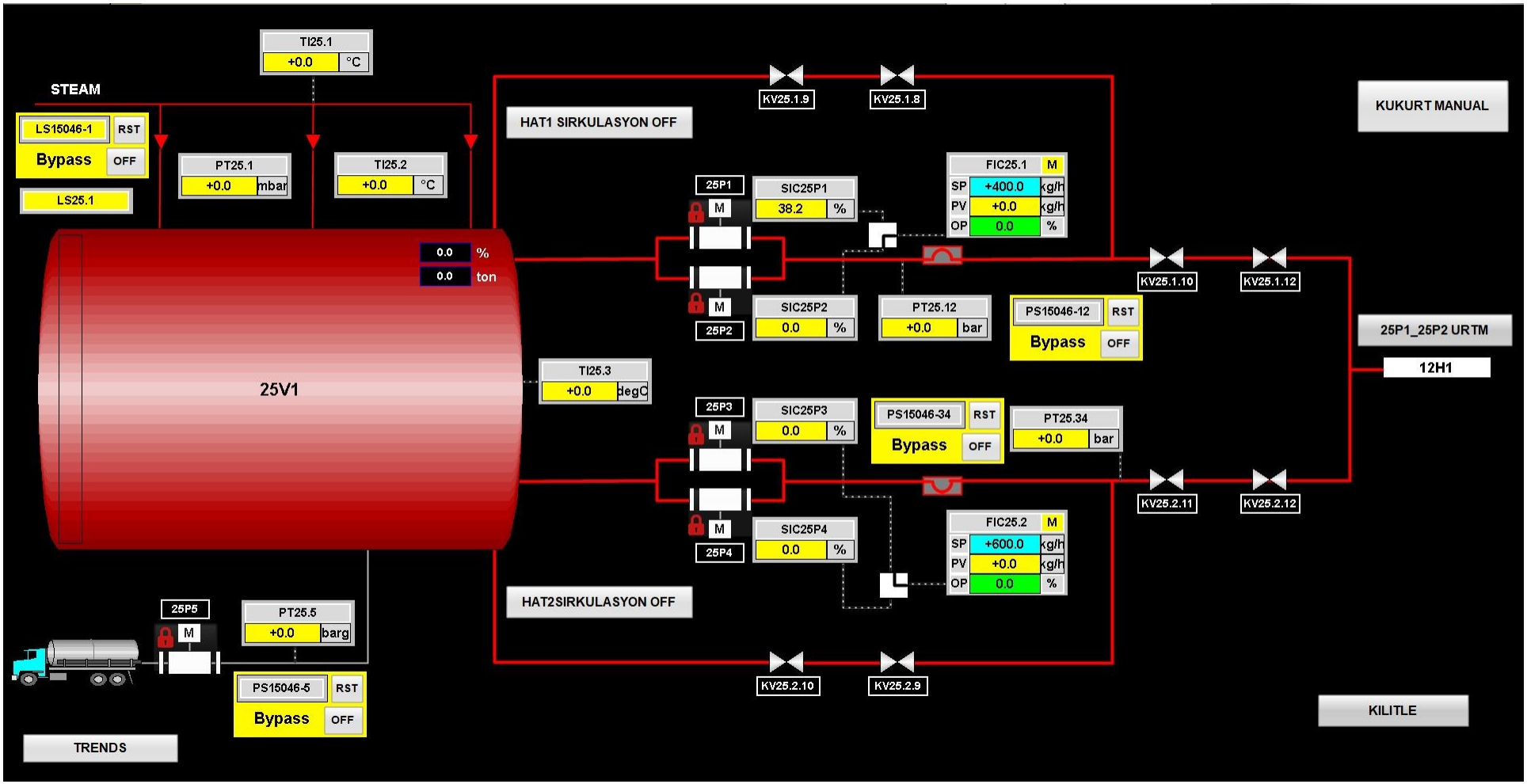
21 SCREEN


SO3 BACA
XIC21.6 M
SP +520.00 %
PV +0.00 %
OP 0.0 %
PIC21.3 M
SP +5.20 bar
PV +0.00 bar
OP 0.0 %
Kukurt Degeri 0.000
Buhar / Kükürt Oran 0.000
21V1
PV21.3
ISI_GK Buharı
FI21.1 +0 kg/h
Buhar Flow 1 0 kg/h
PIC21.9 M
SP +4.50 bar
PV +0.00 bar
OP 0.00 %
PV21.9
TI21.8 +0.0 °C
DI Isıtma Kg/h 0.000
KAZAN
BALLESTRA BUHAR KOLLEKTORU
KV21.6 0.0
TIC21.32
SP +0.00 °C
PV +0.00 °C
OP 50.00 %
FI21.31 +0 kg/h
TI21.30 +0.0 °C
LI21.1A +0.0 %
LIC21.1 M
SP +25.0 %
PV +0.0 %
OP 0.0 %
FI21.2 +0 kg/h
PV21.10
PIC21.10 M
SP +4.00 bar
PV +0.00 bar
OP 0.00 %
TI21.33 +0.0 °C
BINA BUHAR KOLLEKTORU
Buhar Flow 2 0 kg/h
KV21_1 0.0 %
TI21.6 +0.0 °C
21V3
21E2
TI21.7 +0.0 °C
TI21.29 +0.0 °C
TIC21.29_1 M
SP +90.00 °C
PV +0.00 °C
OP 0.00 %
12E2/3/5 BACA GAZI
21V2
21E1
FI21.32 +0 kg/h
TI21.31 +0.0 °C
FI21.3 +0 kg/h
Uretim
PI21.11 +0 bar
TV21.29
KV21.29_1
KV21.7
K.Tank
PV21.8
33 TANK SAHA
KV21.20
12E6
LV21.2
21P1
21P1A
21P2
LAH21.1
LAL21.1
TERMİK DEGAZOR
TIC21.1 M
SP +180.00 °C
PV -50.00 °C
OP 0.00 %
KV21.2 0.0
PIC21.8 M
SP +170.00 nbar
PV +0.00 nbar
OP 0.00 %
KV21.21
TI21.9 +0.0 °C
BACA
ATMOSFER
PIC21.2 M
SP +40.00 nbar
PV +0.00 nbar
OP 0.00 %
PIC21.1 M
SP +40.00 nbar
PV +0.00 nbar
OP 30.00 %
TI21.1 -50.0 °C
TI21.2 -50.0 °C
KV21.5 0.0
KV21_5 10.0 %
KV21_4 0.0 %
Kondens Tankları
KV21.3 0.0
FI21.4 +0 kg/h
REGENERASYON KURUTMA
TRENDS
11K004
SIC 11K004 30.0 %
TI21.3 +0.0 °C
TS15046-1 RST
Bypass OFF

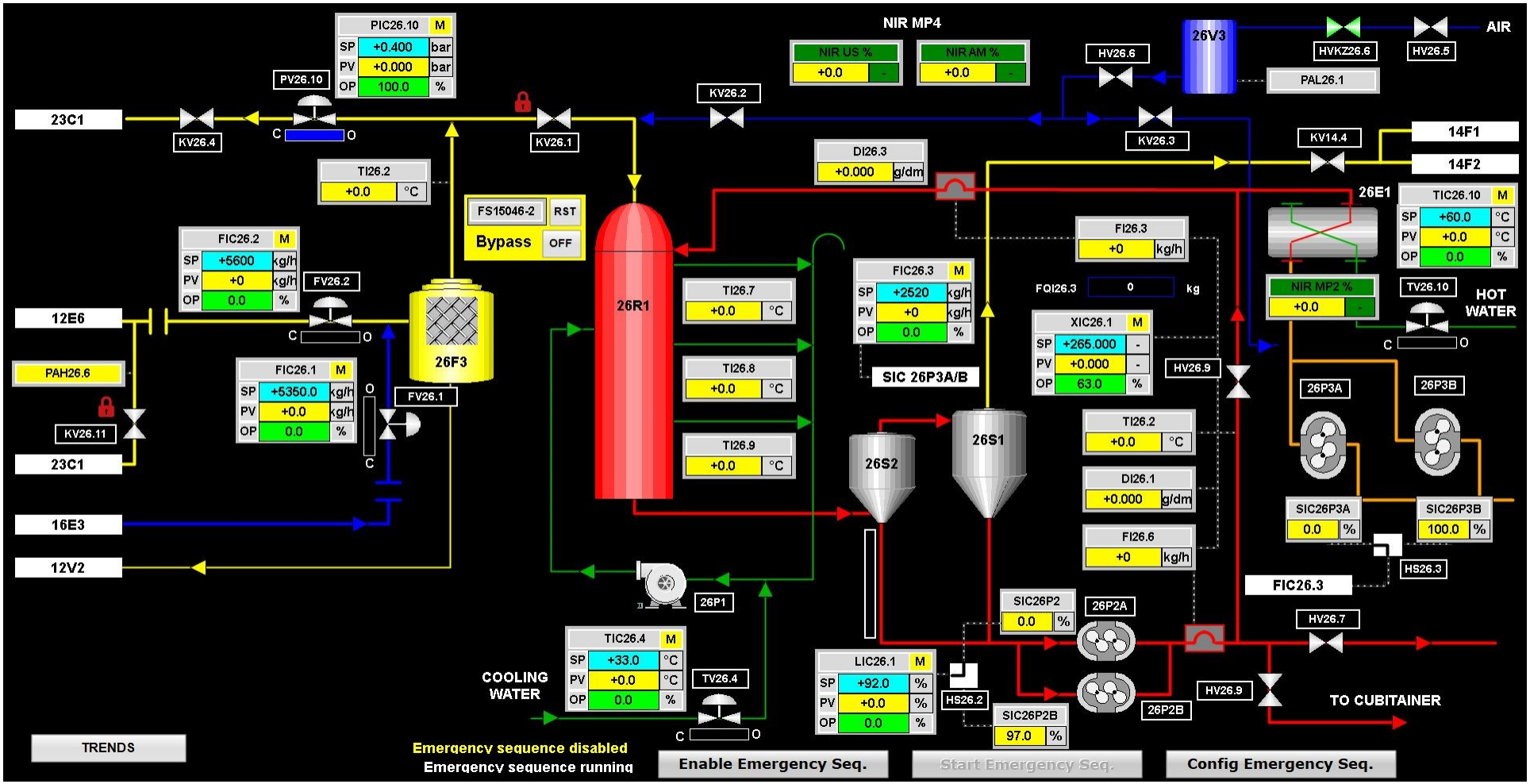
23 SCREEN


14C1
16F3
26F3
PI23.2
+0.0
mbar
AIC23.2
M
SP +98.5 %
PV +93.0 %
OP 100.0 %
FI23.2
+0.00
mc/h
LV23.1
BATTERY LIMITS
TS15046-2
RST
Bypass
OFF
PROCESS WATER
FROM BATTERY LIMITS
FIC23.1
M
SP +300.0 kg/h
PV +0.0 kg/h
OP 0.0 %
KV23.2
HVKZ23.2
FV23.1
C
O
23C1
CW
23E1
23P1
LI23.1
+0.0 %
TV23.3
C
O
TIC23.3
M
SP +50.0 °C
PV +0.0 °C
OP 0.0 %
CW
23MX1
23P2
TV23.4
STEAM
C
O
TIC23.4
M
SP +50.0 °C
PV +0.0 °C
OP 0.0 %
12V2
TRENDS
TI23.3 sequence disabled
Enable TI 23.3 Seq.
TSH 23.3 Threshold: 90.000 °C
TSL 23.3 Threshold: 10.000 °C

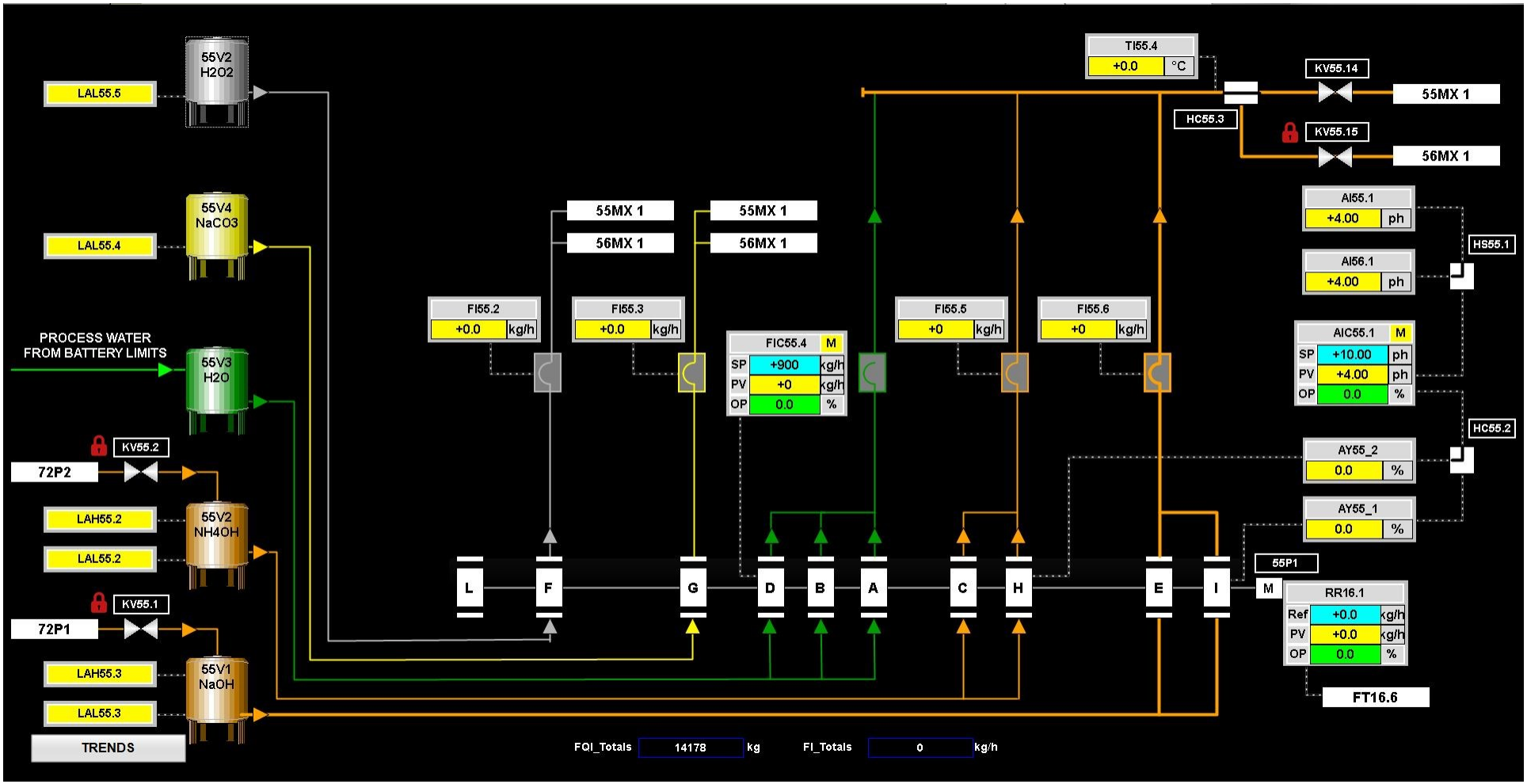
25 SCREEN


TI25.1
+0.0
°C
STEAM
LS15046-1
RST
Bypass
OFF
LS25.1
PT25.1
+0.0
mbar
TI25.2
+0.0
°C
HAT1 SIRKULASYON OFF
KV25.1.9
KV25.1.8
KUKURT MANUAL
25P1
M
SIC25P1
38.2
%
FIC25.1
M
SP
+400.0
kg/h
PV
+0.0
kg/h
OP
0.0
%
0.0
%
0.0
ton
25V1
M
25P2
SIC25P2
0.0
%
PT25.12
+0.0
bar
PS15046-12
RST
Bypass
OFF
KV25.1.10
KV25.1.12
25P1_25P2 URTM
12H1
TI25.3
+0.0
degC
25P3
M
SIC25P3
0.0
%
PS15046-34
RST
Bypass
OFF
PT25.34
+0.0
bar
KV25.2.11
KV25.2.12
M
25P4
SIC25P4
0.0
%
FIC25.2
M
SP
+600.0
kg/h
PV
+0.0
kg/h
OP
0.0
%
HAT2SIRKULASYON OFF
25P5
M
PT25.5
+0.0
barg
PS15046-5
RST
Bypass
OFF
KV25.2.10
KV25.2.9
KILITLE
TRENDS

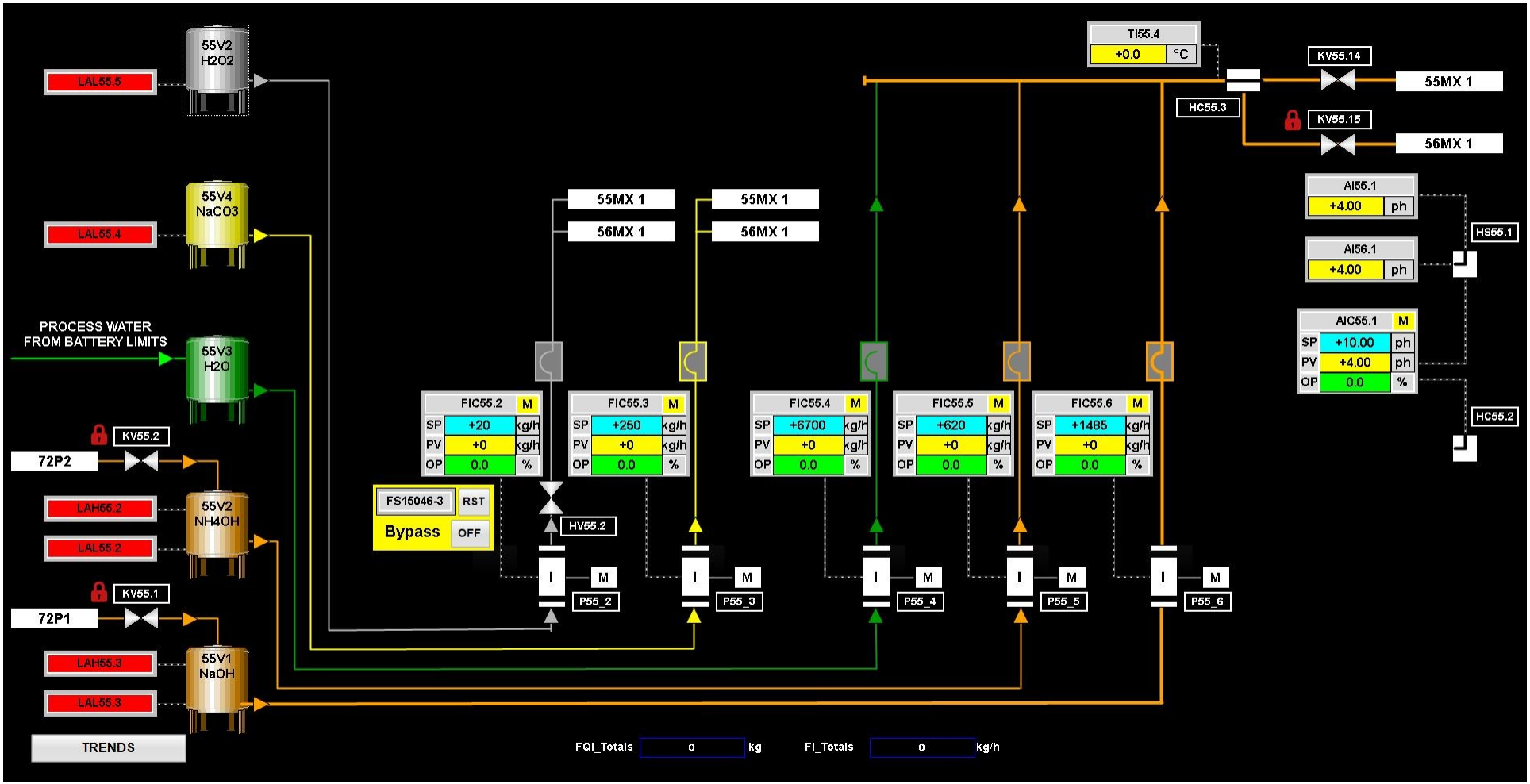
26 SCREEN


PIC26.10 M
SP +0.400 bar
PV +0.000 bar
OP 100.0 %
PV26.10
23C1
KV26.4
KV26.1
KV26.2
NIR MP4
NIR US %
+0.0
NIR AM %
+0.0
HV26.6
26V3
HVKZ26.6
HV26.5
AIR
PAL26.1
TI26.2
+0.0 °C
FS15046-2 RST
Bypass OFF
DI26.3
+0.000 g/dm
KV26.3
KV14.4
14F1
14F2
26E1
TIC26.10 M
SP +60.0 °C
PV +0.0 °C
OP 0.0 %
FIC26.2 M
SP +5600 kg/h
PV +0 kg/h
OP 0.0 %
FV26.2
12E6
26F3
26R1
TI26.7
+0.0 °C
TI26.8
+0.0 °C
TI26.9
+0.0 °C
FIC26.3 M
SP +2520 kg/h
PV +0 kg/h
OP 0.0 %
SIC 26P3A/B
FI26.3
+0 kg/h
FQI26.3 0 kg
XIC26.1 M
SP +265.000 -
PV +0.000 -
OP 63.0 %
NIR MP2 %
+0.0
TV26.10
HOT WATER
HV26.9
PAH26.6
KV26.11
23C1
FIC26.1 M
SP +5350.0 kg/h
PV +0.0 kg/h
OP 0.0 %
FV26.1
26S2
26S1
TI26.2
+0.0 °C
DI26.1
+0.000 g/dm
FI26.6
+0 kg/h
26P3A
26P3B
SIC26P3A
0.0 %
SIC26P3B
100.0 %
HS26.3
FIC26.3
16E3
12V2
26P1
SIC26P2
0.0 %
26P2A
HV26.7
TIC26.4 M
SP +33.0 °C
PV +0.0 °C
OP 0.0 %
COOLING WATER
TV26.4
LIC26.1 M
SP +92.0 %
PV +0.0 %
OP 0.0 %
HS26.2
SIC26P2B
97.0 %
26P2B
HV26.9
TO CUBITAINER
TRENDS
Emergency sequence disabled
Emergency sequence running
Enable Emergency Seq.
Start Emergency Seq.
Config Emergency Seq.

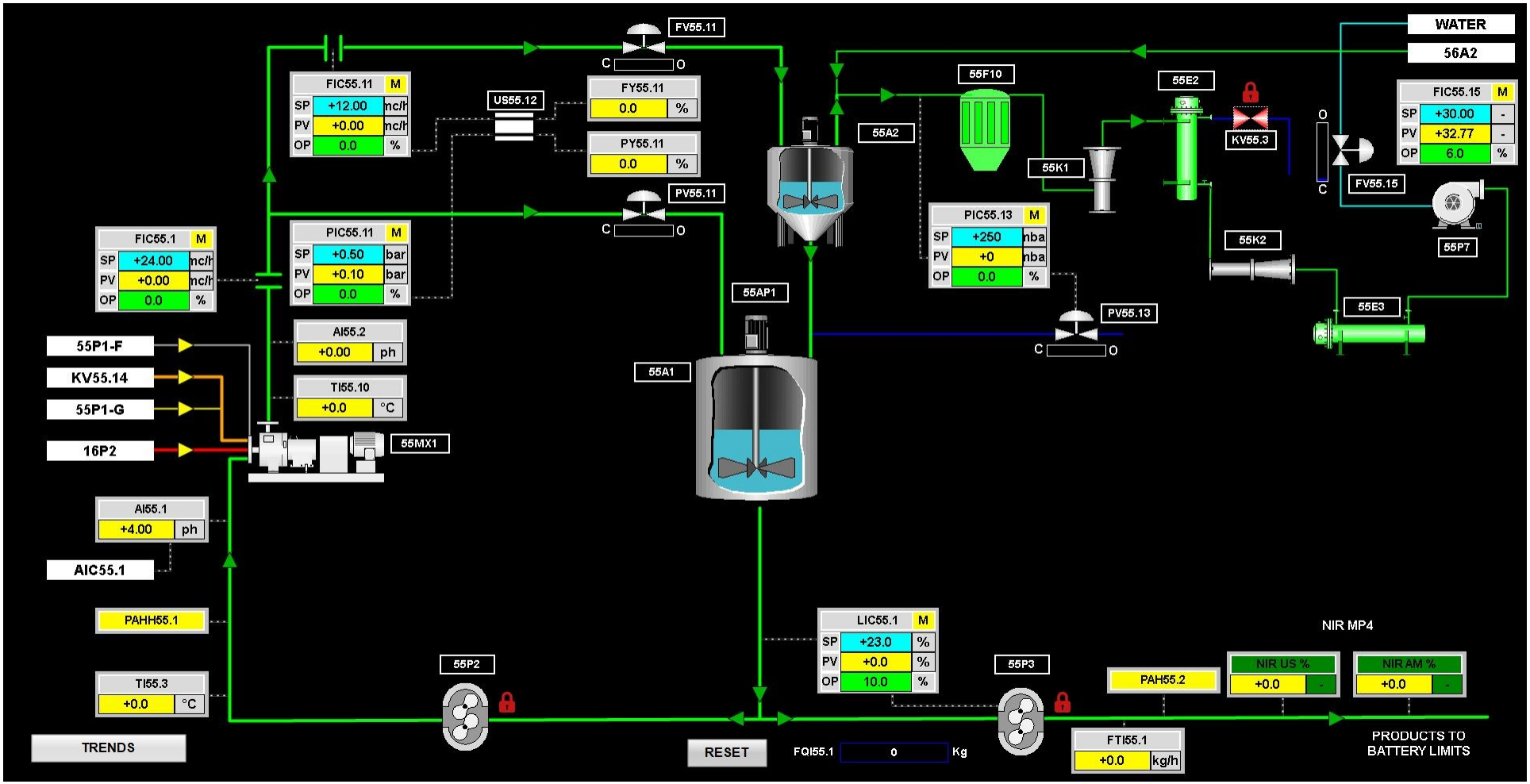
55A SCREEN


55V2
H2O2
LAL55.5
55V4
NaCO3
LAL55.4
PROCESS WATER
FROM BATTERY LIMITS
55V3
H2O
KV55.2
72P2
LAH55.2
55V2
NH4OH
LAL55.2
KV55.1
72P1
LAH55.3
55V1
NaOH
LAL55.3
TRENDS
55MX 1
56MX 1
55MX 1
56MX 1
FI55.2
+0.0 kg/h
FI55.3
+0.0 kg/h
FIC55.4 M
SP +900 kg/h
PV +0 kg/h
OP 0.0 %
FI55.5
+0 kg/h
FI55.6
+0 kg/h
TI55.4
+0.0 °C
HC55.3
KV55.14
55MX 1
KV55.15
56MX 1
AI55.1
+4.00 ph
AI56.1
+4.00 ph
HS55.1
AIC55.1 M
SP +10.00 ph
PV +4.00 ph
OP 0.0 %
HC55.2
AY55_2
0.0 %
AY55_1
0.0 %
55P1
M
RR16.1
Ref +0.0 kg/h
PV +0.0 kg/h
OP 0.0 %
FT16.6
L
F
G
D
B
A
C
H
E
I
FQI_Totals 14178 kg
FI_Totals 0 kg/h

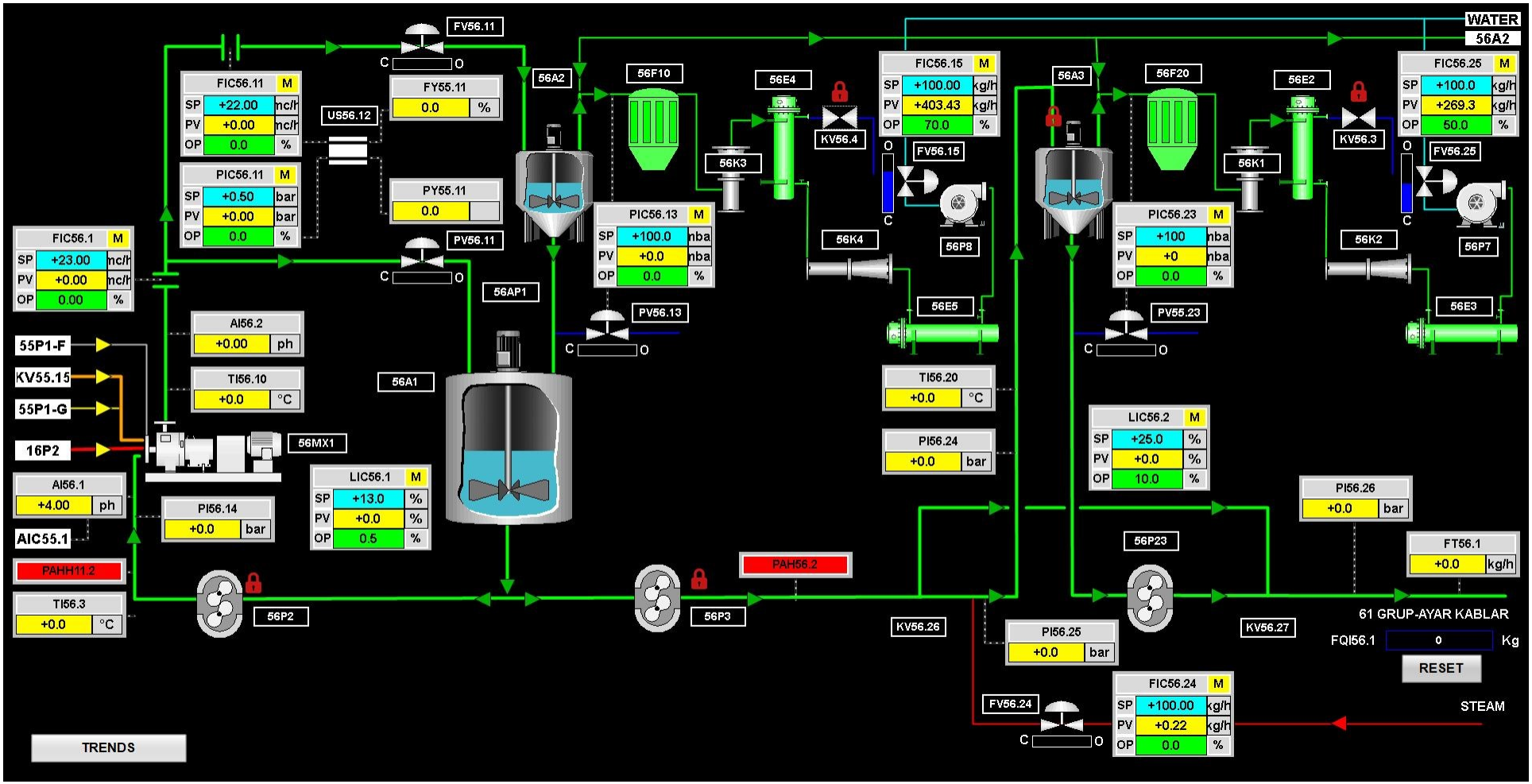
55A2 SCREEN


55V2
H2O2
LAL55.5
55V4
NaCO3
LAL55.4
PROCESS WATER
FROM BATTERY LIMITS
55V3
H2O
KV55.2
72P2
LAH55.2
LAL55.2
55V2
NH4OH
KV55.1
72P1
LAH55.3
LAL55.3
55V1
NaOH
TRENDS
55MX 1
56MX 1
55MX 1
56MX 1
FIC55.2 M
SP +20 kg/h
PV +0 kg/h
OP 0.0 %
FIC55.3 M
SP +250 kg/h
PV +0 kg/h
OP 0.0 %
FIC55.4 M
SP +6700 kg/h
PV +0 kg/h
OP 0.0 %
FIC55.5 M
SP +620 kg/h
PV +0 kg/h
OP 0.0 %
FIC55.6 M
SP +1485 kg/h
PV +0 kg/h
OP 0.0 %
FS15046-3
RST
Bypass
OFF
HV55.2
P55_2
P55_3
P55_4
P55_5
P55_6
TI55.4
+0.0 °C
HC55.3
KV55.14
KV55.15
55MX 1
56MX 1
AI55.1
+4.00 ph
AI56.1
+4.00 ph
HS55.1
AIC55.1 M
SP +10.00 ph
PV +4.00 ph
OP 0.0 %
HC55.2
FQI_Totals 0 kg
FI_Totals 0 kg/h

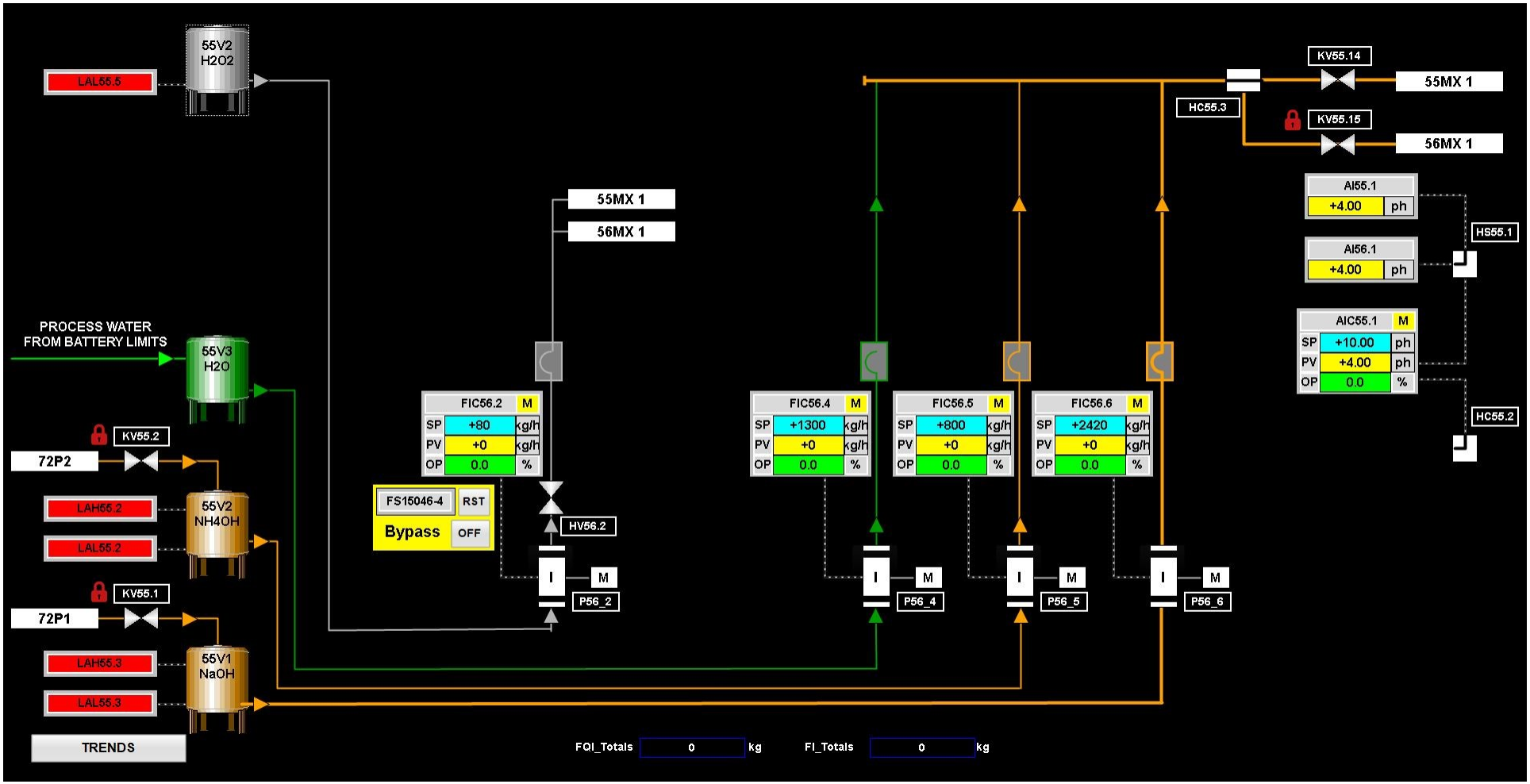
55B SCREEN


WATER
56A2
FV55.11
C
O
FIC55.11
M
SP +12.00 mc/h
PV +0.00 mc/h
OP 0.0 %
US55.12
FY55.11
0.0 %
PY55.11
0.0 %
55F10
55E2
KV55.3
55A2
55K1
FIC55.15
M
SP +30.00 -
PV +32.77 -
OP 6.0 %
FV55.15
55P7
PV55.11
PIC55.13
M
SP +250 mba
PV +0 mba
OP 0.0 %
55K2
FIC55.1
M
SP +24.00 mc/h
PV +0.00 mc/h
OP 0.0 %
PIC55.11
M
SP +0.50 bar
PV +0.10 bar
OP 0.0 %
55AP1
PV55.13
55E3
AI55.2
+0.00 ph
55P1-F
KV55.14
55P1-G
16P2
TI55.10
+0.0 °C
55MX1
55A1
AI55.1
+4.00 ph
AIC55.1
PAHH55.1
LIC55.1
M
SP +23.0 %
PV +0.0 %
OP 10.0 %
55P2
55P3
NIR MP4
PAH55.2
NIR US %
+0.0 -
NIR AM %
+0.0 -
TI55.3
+0.0 °C
TRENDS
RESET
FQI55.1 0 Kg
FTI55.1
+0.0 kg/h
PRODUCTS TO
BATTERY LIMITS

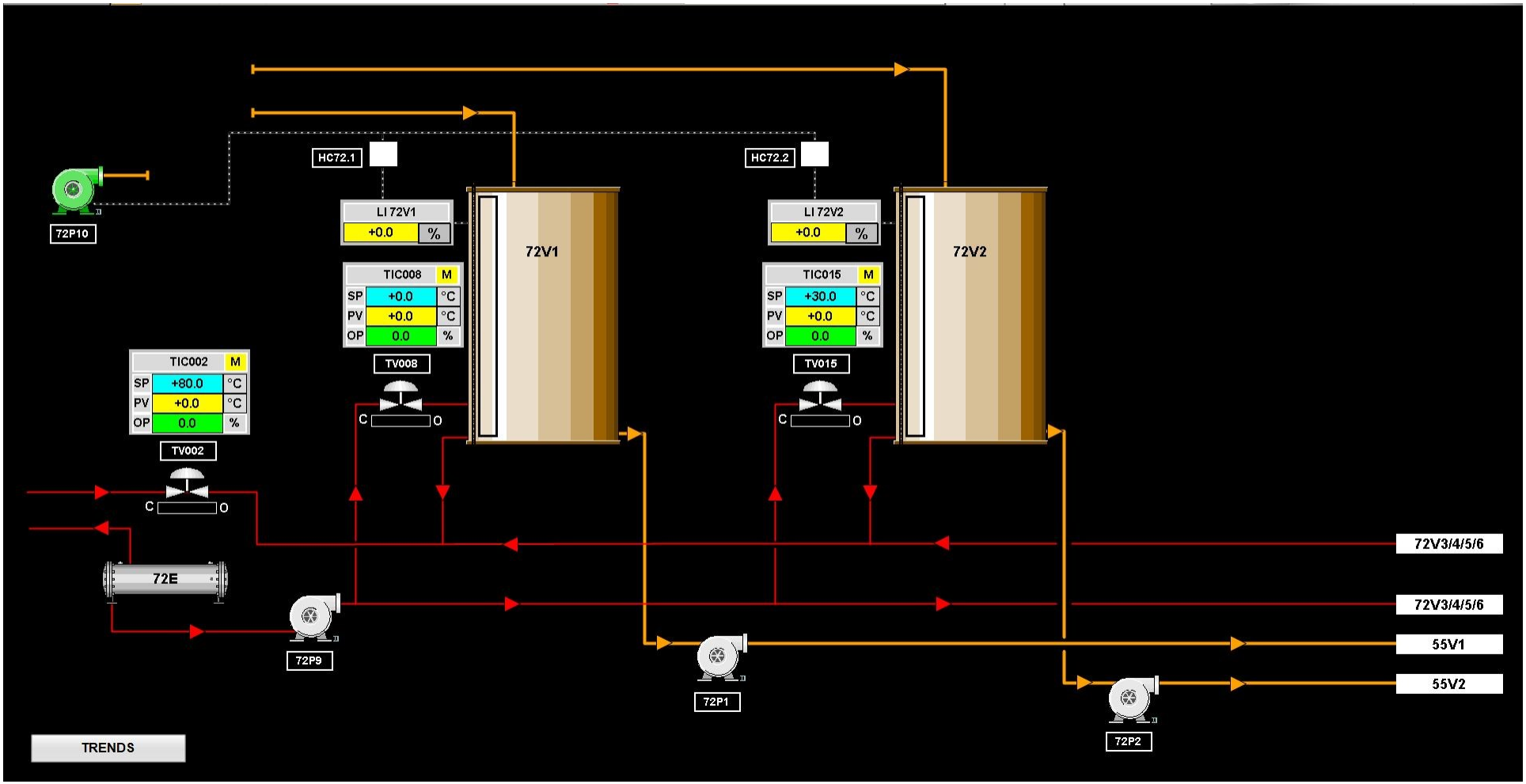
56 SCREEN


WATER
56A2
FV56.11
FIC56.11 M
SP +22.00 mc/h
PV +0.00 mc/h
OP 0.0 %
FY55.11
0.0 %
US56.12
PIC56.11 M
SP +0.50 bar
PV +0.00 bar
OP 0.0 %
PY55.11
0.0
FIC56.1 M
SP +23.00 mc/h
PV +0.00 mc/h
OP 0.00 %
PV56.11
56AP1
AI56.2
+0.00 ph
TI56.10
+0.0 °C
55P1-F
KV55.15
55P1-G
16P2
56MX1
AI56.1
+4.00 ph
AIC55.1
PAHH11.2
TI56.3
+0.0 °C
PI56.14
+0.0 bar
LIC56.1 M
SP +13.0 %
PV +0.0 %
OP 0.5 %
56A1
56P2
56F10
56K3
56E4
KV56.4
PIC56.13 M
SP +100.0 mba
PV +0.0 mba
OP 0.0 %
PV56.13
56K4
56E5
56P8
FIC56.15 M
SP +100.00 kg/h
PV +403.43 kg/h
OP 70.0 %
FV56.15
56A3
56F20
56K1
56E2
KV56.3
FIC56.25 M
SP +100.0 kg/h
PV +269.3 kg/h
OP 50.0 %
FV56.25
56P7
56K2
56E3
PIC56.23 M
SP +100 mba
PV +0 mba
OP 0.0 %
PV55.23
TI56.20
+0.0 °C
PI56.24
+0.0 bar
LIC56.2 M
SP +25.0 %
PV +0.0 %
OP 10.0 %
PI56.26
+0.0 bar
56P23
FT56.1
+0.0 kg/h
61 GRUP-AYAR KABLAR
FQI56.1 0 Kg
RESET
STEAM
PAH56.2
56P3
KV56.26
KV56.27
PI56.25
+0.0 bar
FV56.24
FIC56.24 M
SP +100.00 kg/h
PV +0.22 kg/h
OP 0.0 %
TRENDS

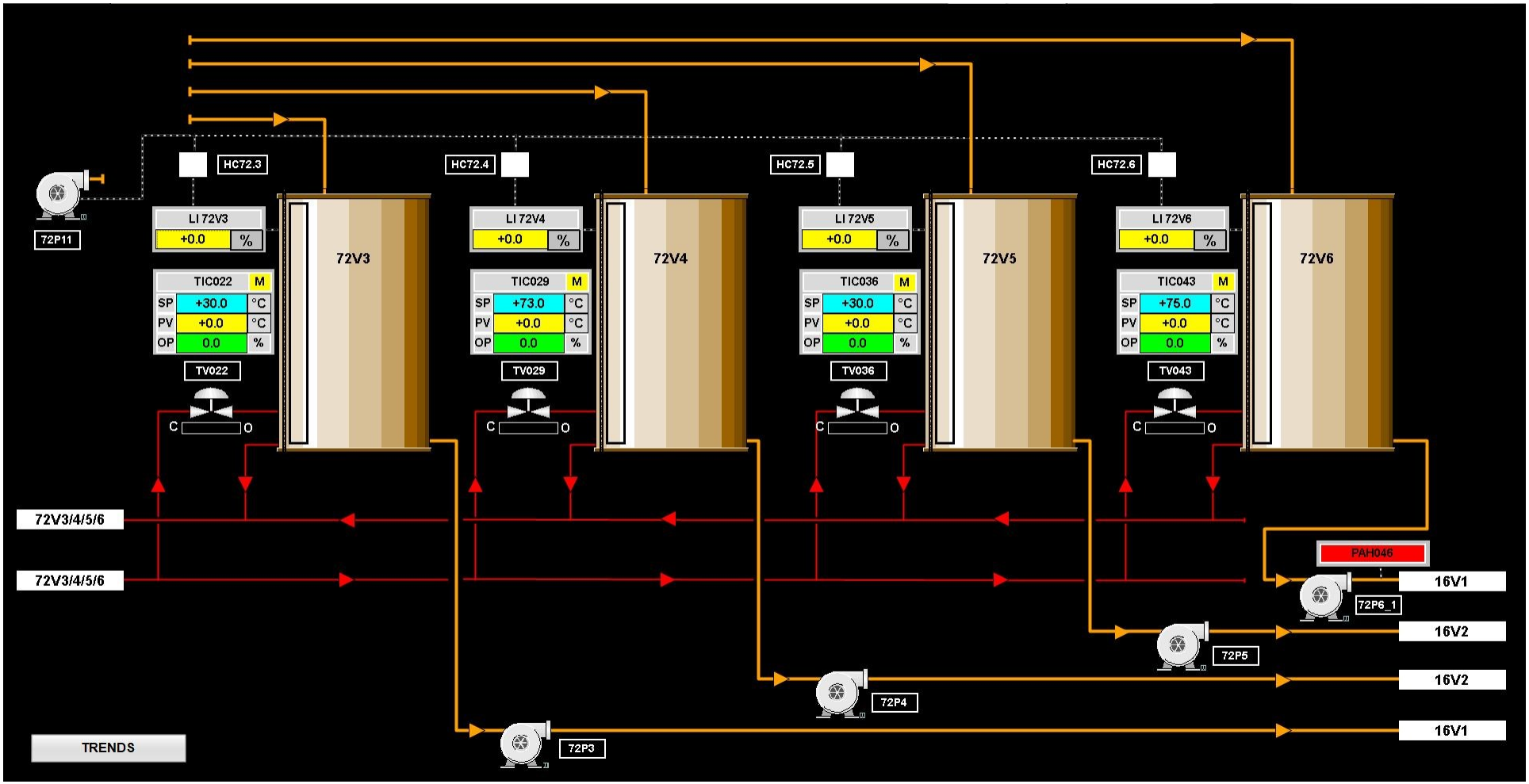
56A2 SCREEN


55V2
H2O2
LAL55.5
55MX 1
56MX 1
KV55.14
KV55.15
HC55.3
55MX 1
56MX 1
AI55.1
+4.00
ph
AI56.1
+4.00
ph
HS55.1
AIC55.1
M
SP +10.00 ph
PV +4.00 ph
OP 0.0 %
HC55.2
PROCESS WATER
FROM BATTERY LIMITS
55V3
H2O
KV55.2
72P2
LAH55.2
LAL55.2
55V2
NH4OH
KV55.1
72P1
LAH55.3
LAL55.3
55V1
NaOH
TRENDS
FIC56.2 M
SP +80 kg/h
PV +0 kg/h
OP 0.0 %
FS15046-4 RST
Bypass OFF
HV56.2
P56_2
FIC56.4 M
SP +1300 kg/h
PV +0 kg/h
OP 0.0 %
P56_4
FIC56.5 M
SP +800 kg/h
PV +0 kg/h
OP 0.0 %
P56_5
FIC56.6 M
SP +2420 kg/h
PV +0 kg/h
OP 0.0 %
P56_6
FQI_Totals 0 kg
FI_Totals 0 kg

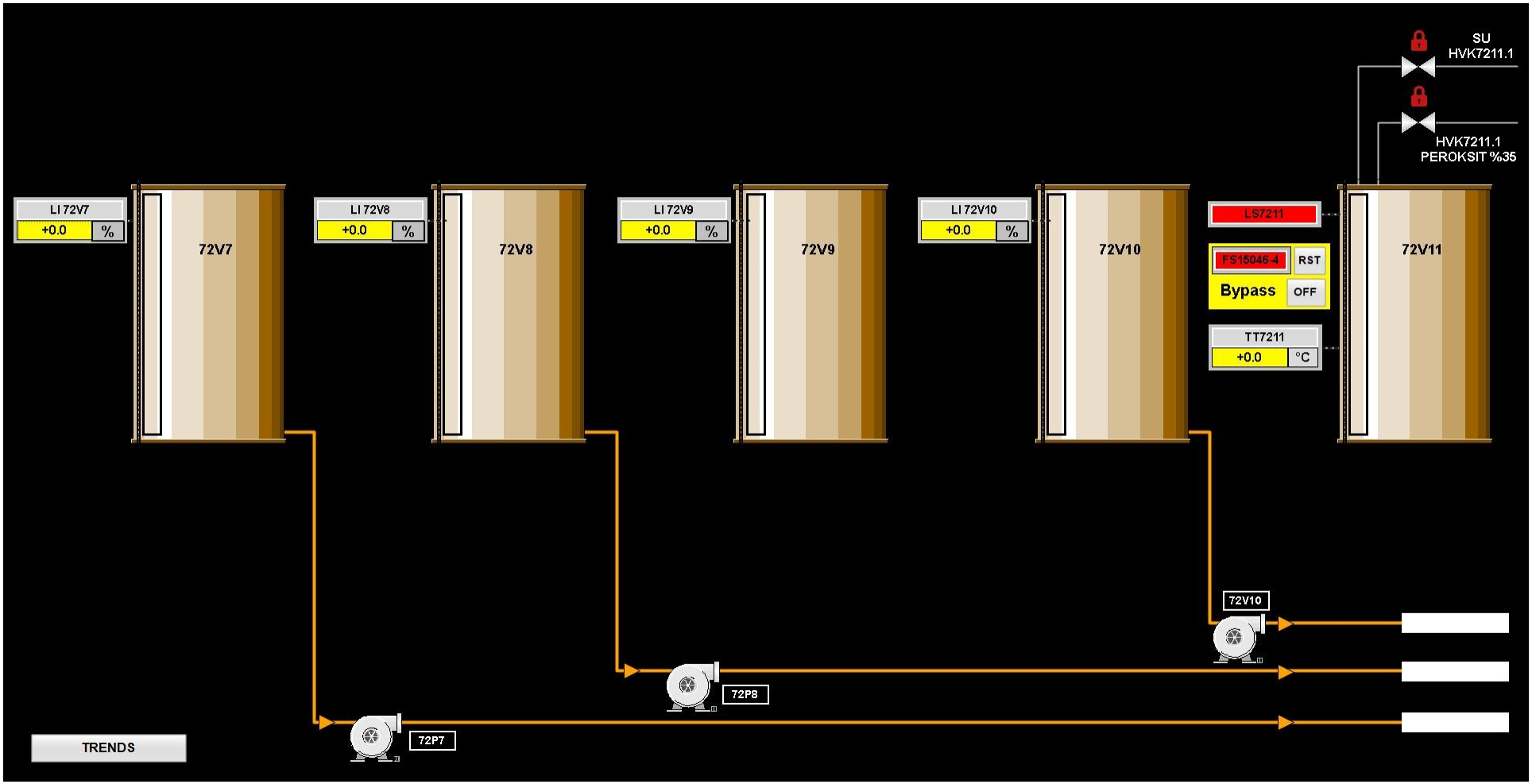
72A SCREEN


HC72.1
HC72.2
LI 72V1
+0.0
%
LI 72V2
+0.0
%
72V1
72V2
72P10
TIC008
M
SP
+0.0
°C
PV
+0.0
°C
OP
0.0
%
TV008
TIC015
M
SP
+30.0
°C
PV
+0.0
°C
OP
0.0
%
TV015
TIC002
M
SP
+80.0
°C
PV
+0.0
°C
OP
0.0
%
TV002
C
O
72E
72P9
72P1
72P2
72V3/4/5/6
72V3/4/5/6
55V1
55V2
TRENDS

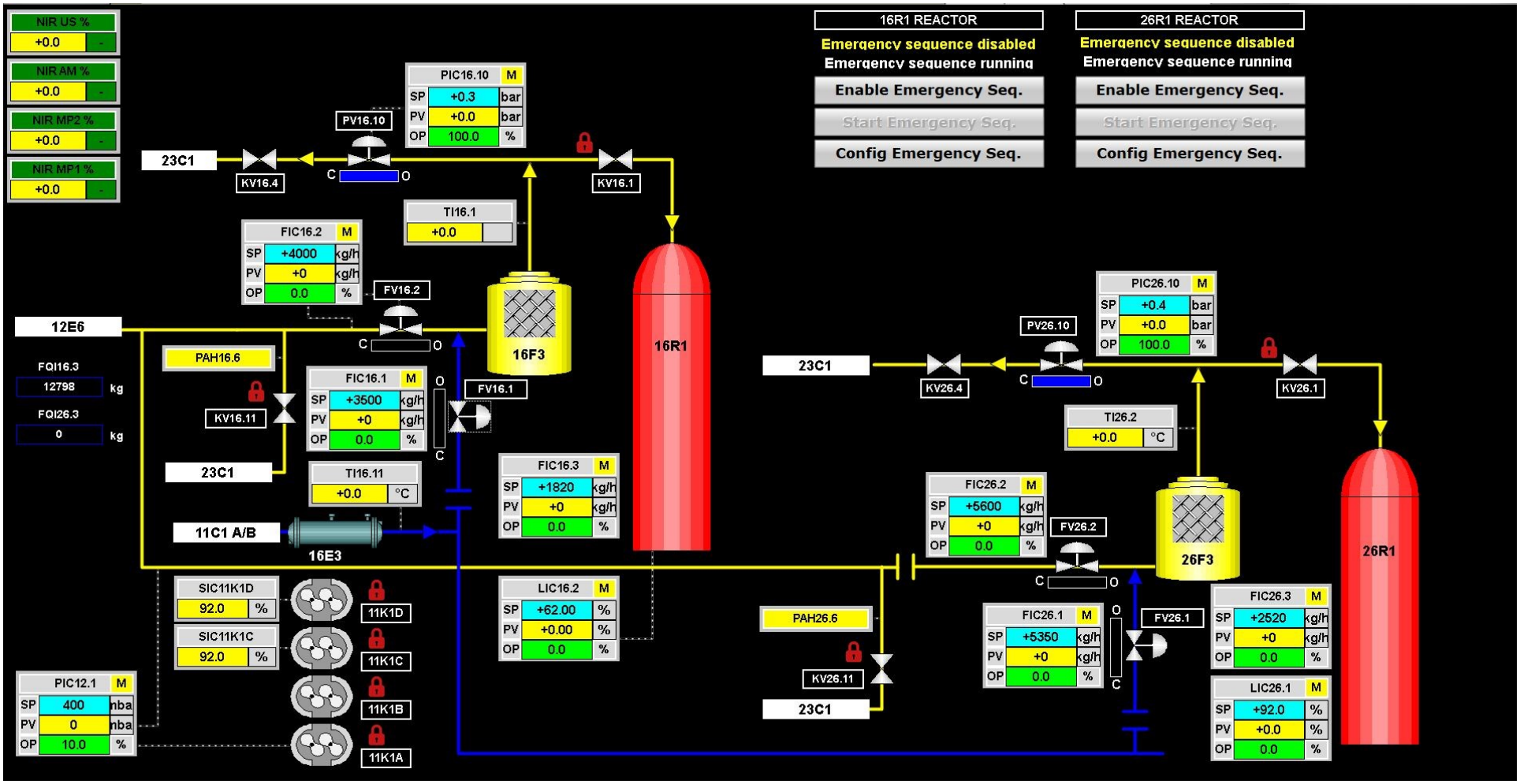
72B SCREEN


HC72.3
HC72.4
HC72.5
HC72.6
72P11
LI 72V3
+0.0
%
LI 72V4
+0.0
%
LI 72V5
+0.0
%
LI 72V6
+0.0
%
72V3
72V4
72V5
72V6
TIC022
M
SP
+30.0
°C
PV
+0.0
°C
OP
0.0
%
TIC029
M
SP
+73.0
°C
PV
+0.0
°C
OP
0.0
%
TIC036
M
SP
+30.0
°C
PV
+0.0
°C
OP
0.0
%
TIC043
M
SP
+75.0
°C
PV
+0.0
°C
OP
0.0
%
TV022
TV029
TV036
TV043
C
O
72V3/4/5/6
72V3/4/5/6
PAH046
16V1
72P6_1
16V2
72P5
16V2
72P4
16V1
72P3
TRENDS

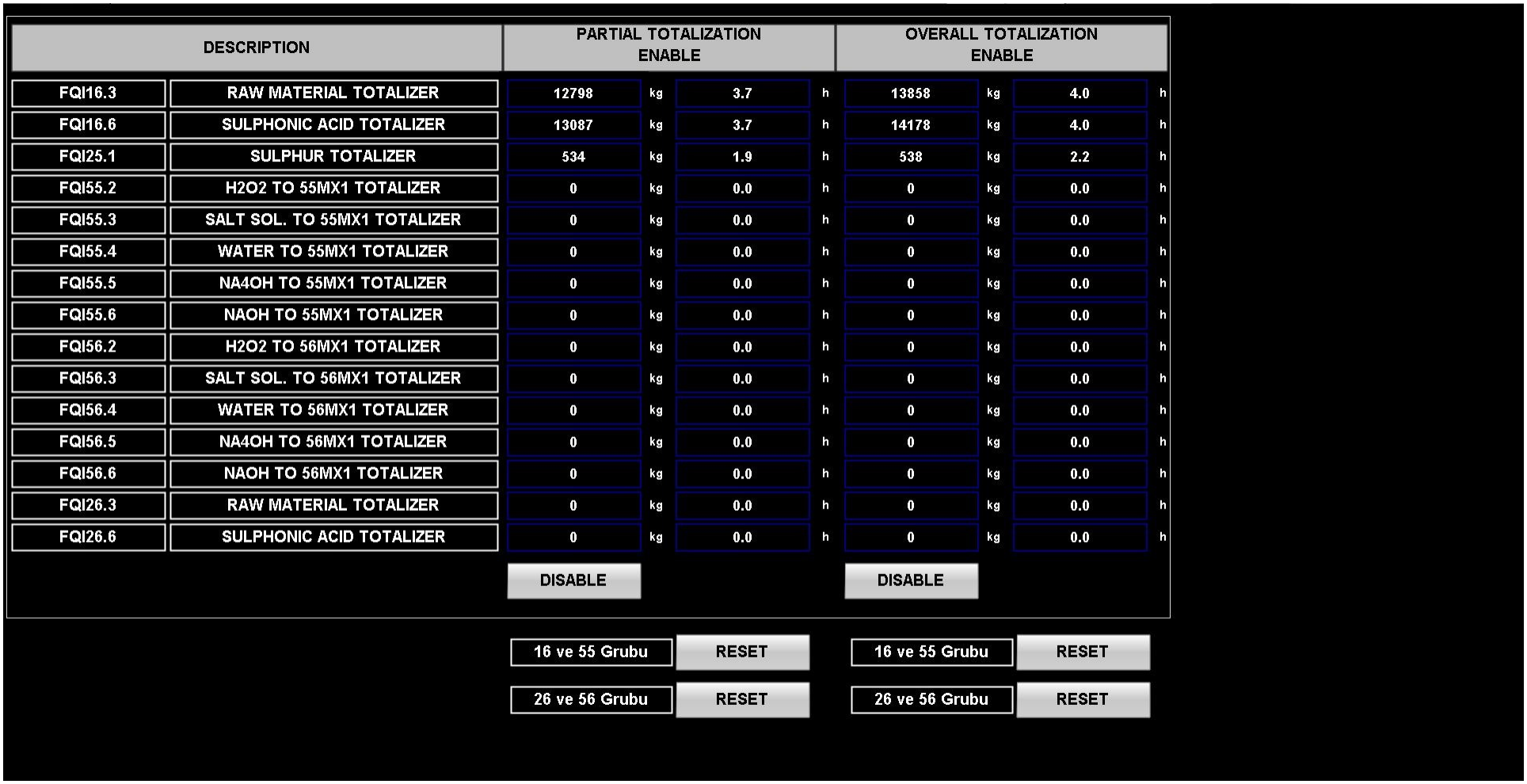
72C SCREEN


SU
HVK7211.1
HVK7211.1
PEROKSIT %35
LI 72V7
+0.0
%
72V7
LI 72V8
+0.0
%
72V8
LI 72V9
+0.0
%
72V9
LI 72V10
+0.0
%
72V10
LS7211
FS15046-4
RST
Bypass
OFF
TT7211
+0.0
°C
72V11
72V10
72P8
72P7
TRENDS

GAS SPLINTTING SCREEN



TOTALIZER SCREEN



DESCRIPTION		PARTIAL TOTALIZATION ENABLE				OVERALL TOTALIZATION ENABLE			
FQI16.3	RAW MATERIAL TOTALIZER	12798	kg	3.7	h	13858	kg	4.0	h
FQI16.6	SULPHONIC ACID TOTALIZER	13087	kg	3.7	h	14178	kg	4.0	h
FQI25.1	SULPHUR TOTALIZER	534	kg	1.9	h	538	kg	2.2	h
FQI55.2	H2O2 TO 55MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI55.3	SALT SOL. TO 55MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI55.4	WATER TO 55MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI55.5	NA4OH TO 55MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI55.6	NAOH TO 55MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI56.2	H2O2 TO 56MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI56.3	SALT SOL. TO 56MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI56.4	WATER TO 56MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI56.5	NA4OH TO 56MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI56.6	NAOH TO 56MX1 TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI26.3	RAW MATERIAL TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
FQI26.6	SULPHONIC ACID TOTALIZER	0	kg	0.0	h	0	kg	0.0	h
		DISABLE				DISABLE			

HIMA 1 SCREEN

	TAG	DESCRIPTION	VALUE	
11K(Z)-1A	11K(Z)-1A-CMD	AIR BLOWER-1A STOP COMMAND	1=STOP / 0=START	START
	G-11K(Z)-1A	AIR BLOWER-1A STOPPED	1=STOPED / 0=STARTED	STARTED
	G-11K(Z)-1A-CTRL	AIR BLOWER-1A ACT CONTROL	1=STOP / 0=START	START
	G-11K(Z)-1A-ERR	AIR BLOWER-1A ACT ERROR	1=OK /0 = ACT ERROR	ACT ERROR
	G-11K(Z)-1A-PTI-ERR	AIR BLOWER-1A PROOF TEST ELAPSED	1=OK / 0=ELAPSED	ELAPSED
	G_11K(Z)-1A-RT	AIR BLOWER-1A PTI REMAINING TIME	0-8760 hours	0
	G_11K(Z)-1A-PTI	AIR BLOWER-1A PROOF TEST INTERVAL	0-8760 hours	0
11K(Z)-1B	11K(Z)-1B-CMD	AIR BLOWER-1B STOP COMMAND	1=STOP / 0=START	START
	G-11K(Z)-1B	AIR BLOWER-1B STOPPED	1=STOPED / 0=STARTED	STARTED
	G-11K(Z)-1B-CTRL	AIR BLOWER-1B ACT CONTROL	1=STOP / 0=START	START
	G-11K(Z)-1B-ERR	AIR BLOWER-1B ACT ERROR	1=OK /0 = ACT ERROR	ACT ERROR
	G-11K(Z)-1B-PTI-ERR	AIR BLOWER-1B PROOF TEST ELAPSED	1=OK / 0=ELAPSED	ELAPSED
	G_11K(Z)-1B-RT	AIR BLOWER-1B PTI REMAINING TIME	0-8760 hours	0
	G_11K(Z)-1B-PTI	AIR BLOWER-1B PROOF TEST INTERVAL	0-8760 hours	0
11K(Z)-1C	11K(Z)-1C-CMD	AIR BLOWER-1C STOP COMMAND	1=STOP / 0=START	START
	G-11K(Z)-1C	AIR BLOWER-1C STOPPED	1=STOPED / 0=STARTED	STARTED
	G-11K(Z)-1C-CTRL	AIR BLOWER-1C ACT CONTROL	1=STOP / 0=START	START
	G-11K(Z)-1C-ERR	AIR BLOWER-1C ACT ERROR	1=OK /0 = ACT ERROR	ACT ERROR
	G-11K(Z)-1C-PTI-ERR	AIR BLOWER-1C PROOF TEST ELAPSED	1=OK / 0=ELAPSED	ELAPSED
	11K(Z)-1C-RT	AIR BLOWER-1C PTI REMAINING TIME	0-8760 hours	0
	11K(Z)-1C-PTI	AIR BLOWER-1C PROOF TEST INTERVAL	0-8760 hours	0
11K(Z)-1D	11K(Z)-1D-CMD	AIR BLOWER-1D STOP COMMAND	1=STOP / 0=START	START
	G-11K(Z)-1D	AIR BLOWER-1D STOPPED	1=STOPED / 0=STARTED	STARTED
	G-11K(Z)-1D-CTRL	AIR BLOWER-1D ACT CONTROL	1=STOP / 0=START	START
	G-11K(Z)-1D-ERR	AIR BLOWER-1D ACT ERROR	1=OK /0 = ACT ERROR	ACT ERROR
	G-11K(Z)-1D-PTI-ERR	AIR BLOWER-1D PROOF TEST ELAPSED	1=OK / 0=ELAPSED	ELAPSED
	11K(Z)-1D-RT	AIR BLOWER-1D PTI REMAINING TIME	0-8760 hours	0
	11K(Z)-1D-PTI	AIR BLOWER-1D PROOF TEST INTERVAL	0-8760 hours	0
HV(Z)16-6	HVKZ16-6-CMD	16V3 FLUSHING VESSEL OUTLET VALVE CLOSE COMMAND	1=CLOSE/0=OPEN	OPEN
	G-HVKZ16-6	16V3 FLUSHING VESSEL OUTLET VALVE CLOSED	1=CLOSED/0=OPENED	OPENED
	G-HVKZ16-6-CTRL	16V3 FLUSHING VESSEL OUTLET VALVE ACT CONTROL	1=CLOSE/0=OPEN	OPEN
	G-HVKZ16-6-ERR	16V3 FLUSHING VESSEL OUTLET VALVE ACT ERROR	1=OK /0 = ACT ERROR	ACT ERROR
	G-HVKZ16-6-PTI-ERR	16V3 FLUSHING VESSEL OUTLET VALVE PROOF TEST ELAPSED	1=OK / 0=ELAPSED	ELAPSED
	G_HVKZ16-6-RT	16V3 FLUSHING VESSEL OUTLET VALVE PTI REMAINING TIME	0-8760 hours	0
	G_HVKZ16-6-PTI	16V3 FLUSHING VESSEL OUTLET VALVE PROOF TEST INTERVAL	0-8760 hours	0
HV(Z)23-2	HVZ23-2-CMD	23C1 WATER ADDITION VALVE CLOSE COMMAND	1=CLOSE/0=OPEN	OPEN
	G-HVZ23-2	23C1 WATER ADDITION VALVE CLOSED	1=CLOSED/0=OPENED	OPENED
	G-HVZ23-2-CTRL	23C1 WATER ADDITION VALVE ACT CONTROL	1=CLOSE/0=OPEN	OPEN
	G-HVZ23-2-ERR	23C1 WATER ADDITION VALVE ACT ERROR	1=OK /0 = ACT ERROR	ACT ERROR
	G-HVZ23-2-PTI-ERR	23C1 WATER ADDITION VALVE PROOF TEST ELAPSED	1=OK / 0=ELAPSED	ELAPSED
	G_HVZ23-2-RT	23C1 WATER ADDITION VALVE PTI REMAINING TIME	0-8760 hours	0
	G_HVZ23-2-PTI	23C1 WATER ADDITION VALVE PROOF TEST INTERVAL	0-8760 hours	0

	TAG	DESCRIPTION	VALUE	PLC Adress	
25PM(Z)-1	25PM(Z)-1-CMD	SULFUR FEED PUMP-1 STOP COMMAND	1=STOP / 0=START		START
	G-25PM(Z)-1	SULFUR FEED PUMP-1 STOPPED	1=STOPED / 0=STARTED		STARTED
	G-25PM(Z)-1-CTRL	SULFUR FEED PUMP-1 ACT CONTROL	1=STOP / 0=START		START
	G-25PM(Z)-1-ERR	SULFUR FEED PUMP-1 ACT ERROR	1=OK /0 = ACT ERROR		ACT ERROR
	G-25PM(Z)-1-PT-ERR	SULFUR FEED PUMP-1 PROOF TEST ELAPSED	1=OK / 0=ELAPSED		ELAPSED
	G_25PM(Z)-1-RT	SULFUR FEED PUMP-1 PTI REMAINING TIME	0-8760 hours		0
	G_25PM(Z)-1-PTI	SULFUR FEED PUMP-1 PROOF TEST INTERVAL	0-8760 hours		0
25PM(Z)-2	25PM(Z)-2-CMD	SULFUR FEED PUMP-2 STOP COMMAND	1=STOP / 0=START		START
	G-25PM(Z)-2	SULFUR FEED PUMP-2 STOPPED	1=STOPED / 0=STARTED		STARTED
	G-25PM(Z)-2-CTRL	SULFUR FEED PUMP-2 ACT CONTROL	1=STOP / 0=START		START
	G-25PM(Z)-2-ERR	SULFUR FEED PUMP-2 ACT ERROR	1=OK /0 = ACT ERROR		ACT ERROR
	G-25PM(Z)-2-PT-ERR	SULFUR FEED PUMP-2 PROOF TEST ELAPSED	1=OK / 0=ELAPSED		ELAPSED
	G_25PM(Z)-2-RT	SULFUR FEED PUMP-2 PTI REMAINING TIME	0-8760 hours		0
	G_25PM(Z)-2-PTI	SULFUR FEED PUMP-2 PROOF TEST INTERVAL	0-8760 hours		0
25PM(Z)-3	25PM(Z)-3-CMD	SULFUR FEED PUMP-3 STOP COMMAND	1=STOP / 0=START		START
	G-25PM(Z)-3	SULFUR FEED PUMP-3 STOPPED	1=STOPED / 0=STARTED		STARTED
	G-25PM(Z)-3-CTRL	SULFUR FEED PUMP-3 ACT CONTROL	1=STOP / 0=START		START
	G-25PM(Z)-3-ERR	SULFUR FEED PUMP-3 ACT ERROR	1=OK /0 = ACT ERROR		ACT ERROR
	G-25PM(Z)-3-PT-ERR	SULFUR FEED PUMP-3 PROOF TEST ELAPSED	1=OK / 0=ELAPSED		ELAPSED
	25PM(Z)-3-RT	SULFUR FEED PUMP-3 PTI REMAINING TIME	0-8760 hours		0
	25PM(Z)-3-PTI	SULFUR FEED PUMP-3 PROOF TEST INTERVAL	0-8760 hours		0
25PM(Z)-4	25PM(Z)-4-CMD	SULFUR FEED PUMP-4 STOP COMMAND	1=STOP / 0=START		START
	G-25PM(Z)-4	SULFUR FEED PUMP-4 STOPPED	1=STOPED / 0=STARTED		STARTED
	G-25PM(Z)-4-CTRL	SULFUR FEED PUMP-4 ACT CONTROL	1=STOP / 0=START		START
	G-25PM(Z)-4-ERR	SULFUR FEED PUMP-4 ACT ERROR	1=OK /0 = ACT ERROR		ACT ERROR
	G-25PM(Z)-4-PT-ERR	SULFUR FEED PUMP-4 PROOF TEST ELAPSED	1=OK / 0=ELAPSED		ELAPSED
	25PM(Z)-4-RT	SULFUR FEED PUMP-4 PTI REMAINING TIME	0-8760 hours		0
	25PM(Z)-4-PTI	SULFUR FEED PUMP-4 PROOF TEST INTERVAL	0-8760 hours		0
HV(Z)26-6	HVKZ26-6-CMD	26V3 FLUSHING VESSEL OUTLET VALVE CLOSE COMMAND	1=CLOSE/0=OPEN		OPEN
	G-HVKZ26-6	26V3 FLUSHING VESSEL OUTLET VALVE CLOSED	1=CLOSED/0=OPENED		OPENED
	G-HVKZ26-6-CTRL	26V3 FLUSHING VESSEL OUTLET VALVE ACT CONTROL	1=CLOSE/0=OPEN		OPEN
	G-HVKZ26-6-ERR	26V3 FLUSHING VESSEL OUTLET VALVE ACT ERROR	1=OK /0 = ACT ERROR		ACT ERROR
	G-HVKZ26-6-PTI-ERR	26V3 FLUSHING VESSEL OUTLET VALVE PROOF TEST ELAPSED	1=OK / 0=ELAPSED		ELAPSED
	HVKZ26-6-RT	26V3 FLUSHING VESSEL OUTLET VALVE PTI REMAINING TIME	0-8760 hours		0
	HVKZ26-6-PTI	26V3 FLUSHING VESSEL OUTLET VALVE PROOF TEST INTERVAL	0-8760 hours		0

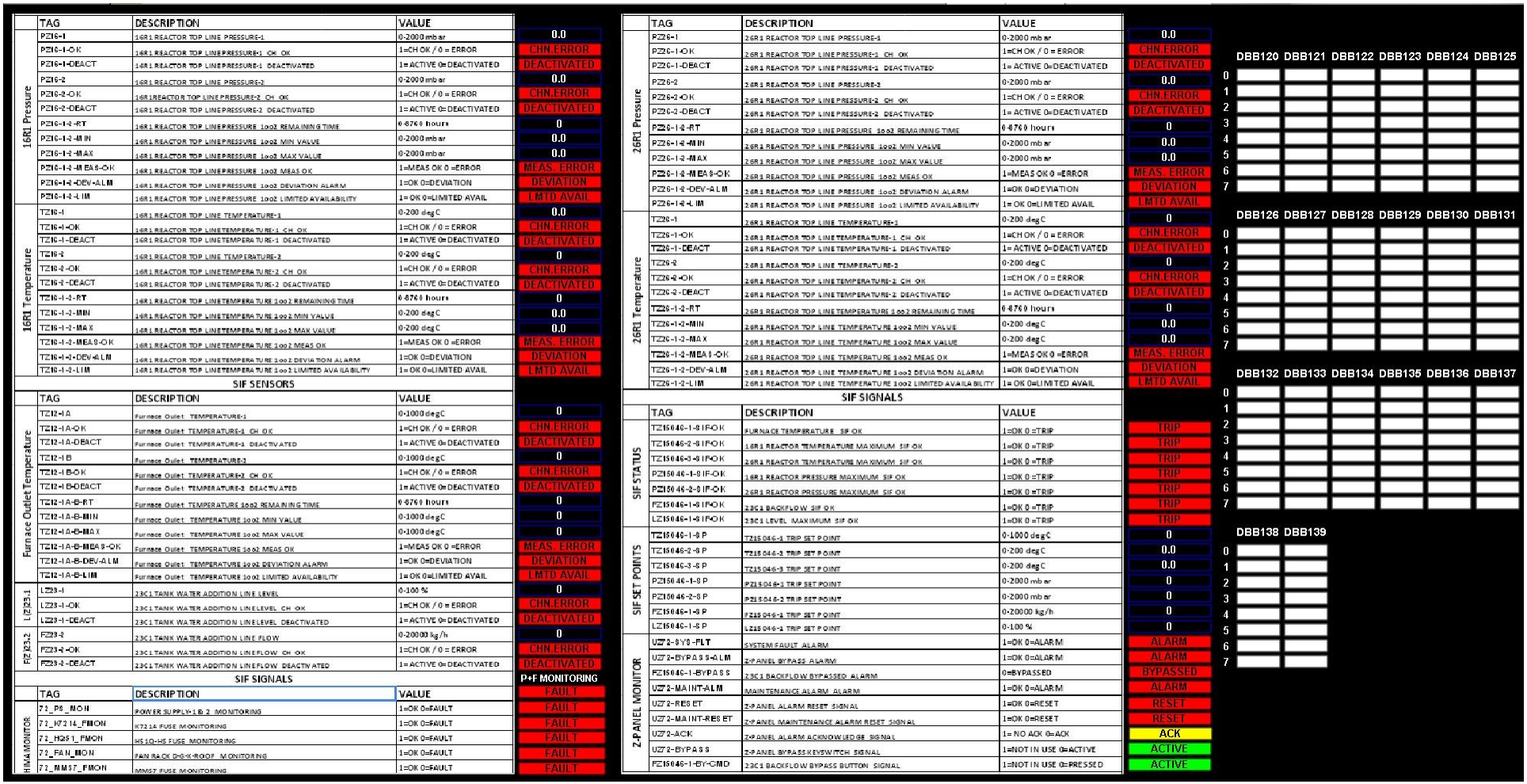
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	DBB138	DBB139
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HIMA 2 SCREEN



	TAG	DESCRIPTION	VALUE	
16R1 Pressure	PZ16-1	16R1 REACTOR TOP LINE PRESSURE-1	0-2000 mbar	0.0
	PZ16-1-OK	16R1 REACTOR TOP LINE PRESSURE-1 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	PZ16-1-DEACT	16R1 REACTOR TOP LINE PRESSURE-1 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	PZ16-2	16R1 REACTOR TOP LINE PRESSURE-2	0-2000 mbar	0.0
	PZ16-2-OK	16R1REACTOR TOP LINE PRESSURE-2 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	PZ16-2-DEACT	16R1 REACTOR TOP LINE PRESSURE-2 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	PZ16-1-2-RT	16R1 REACTOR TOP LINE PRESSURE 1oo2 REMAINING TIME	0-8760 hours	0
	PZ16-1-2-MIN	16R1 REACTOR TOP LINE PRESSURE 1oo2 MIN VALVE	0-2000 mbar	0.0
	PZ16-1-2-MAX	16R1 REACTOR TOP LINE PRESSURE 1oo2 MAX VALUE	0-2000 mbar	0.0
	PZ16-1-2-MEAS-OK	16R1 REACTOR TOP LINE PRESSURE 1oo2 MEAS OK	1=MEAS OK 0 =ERROR	MEAS. ERROR
	PZ16-1-2-DEV-ALM	16R1 REACTOR TOP LINE PRESSURE 1oo2 DEVIATION ALARM	1=OK 0=DEVIATION	DEVIATION
	PZ16-1-2-LIM	16R1 REACTOR TOP LINE PRESSURE 1oo2 LIMITED AVAILABILITY	1= OK 0=LIMITED AVAIL	LMTD AVAIL
16R1 Temperature	TZ16-1	16R1 REACTOR TOP LINE TEMPERATURE-1	0-200 deg C	0.0
	TZ16-1-OK	16R1 REACTOR TOP LINE TEMPERATURE-1 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	TZ16-1-DEACT	16R1 REACTOR TOP LINE TEMPERATURE-1 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	TZ16-2	16R1 REACTOR TOP LINE TEMPERATURE-2	0-200 deg C	0
	TZ16-2-OK	16R1 REACTOR TOP LINE TEMPERATURE-2 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	TZ16-2-DEACT	16R1 REACTOR TOP LINE TEMPERATURE-2 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	TZ16-1-2-RT	16R1 REACTOR TOP LINE TEMPERATURE 1oo2 REMAINING TIME	0-8760 hours	0
	TZ16-1-2-MIN	16R1 REACTOR TOP LINE TEMPERATURE 1oo2 MIN VALUE	0-200 deg C	0.0
	TZ16-1-2-MAX	16R1 REACTOR TOP LINE TEMPERATURE 1oo2 MAX VALUE	0-200 deg C	0.0
	TZ16-1-2-MEAS-OK	16R1 REACTOR TOP LINE TEMPERATURE 1oo2 MEAS OK	1=MEAS OK 0 =ERROR	MEAS. ERROR
	TZ16-1-2-DEV-ALM	16R1 REACTOR TOP LINE TEMPERATURE 1oo2 DEVIATION ALARM	1=OK 0=DEVIATION	DEVIATION
	TZ16-1-2-LIM	16R1 REACTOR TOP LINE TEMPERATURE 1oo2 LIMITED AVAILABILITY	1= OK 0=LIMITED AVAIL	LMTD AVAIL

SIF SENSORS

	TAG	DESCRIPTION	VALUE	
Furnace Outlet Temperature	TZ12-1-A	Furnace Outlet TEMPERATURE-1	0-1000 deg C	0
	TZ12-1-A-OK	Furnace Outlet TEMPERATURE-1 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	TZ12-1-A-DEACT	Furnace Outlet TEMPERATURE-1 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	TZ12-1-B	Furnace Outlet TEMPERATURE-2	0-1000 deg C	0
	TZ12-1-B-OK	Furnace Outlet TEMPERATURE-2 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	TZ12-1-B-DEACT	Furnace Outlet TEMPERATURE-2 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	TZ12-1-A-B-RT	Furnace Outlet TEMPERATURE 1oo2 REMAINING TIME	0-8760 hours	0
	TZ12-1-A-B-MIN	Furnace Outlet TEMPERATURE 1oo2 MIN VALUE	0-1000 deg C	0
	TZ12-1-A-B-MAX	Furnace Outlet TEMPERATURE 1oo2 MAX VALUE	0-1000 deg C	0
	TZ12-1-A-B-MEAS-OK	Furnace Outlet TEMPERATURE 1oo2 MEAS OK	1=MEAS OK 0 =ERROR	MEAS. ERROR
	TZ12-1-A-B-DEV-ALM	Furnace Outlet TEMPERATURE 1oo2 DEVIATION ALARM	1=OK 0=DEVIATION	DEVIATION
	TZ12-1-A-B-LIM	Furnace Outlet TEMPERATURE 1oo2 LIMITED AVAILABILITY	1= OK 0=LIMITED AVAIL	LMTD AVAIL
LZ23-1	LZ23-1	23C1 TANK WATER ADDITION LINE LEVEL	0-100 %	0
	LZ23-1-OK	23C1 TANK WATER ADDITION LINE LEVEL CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	LZ23-1-DEACT	23C1 TANK WATER ADDITION LINE LEVEL DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
FZ23-2	FZ23-2	23C1 TANK WATER ADDITION LINE FLOW	0-20000 kg/h	0
	FZ23-2-OK	23C1 TANK WATER ADDITION LINE FLOW CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	FZ23-2-DEACT	23C1 TANK WATER ADDITION LINE FLOW DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED

SIF SIGNALS

	TAG	DESCRIPTION	VALUE	P+F MONITORING
HIMA MONITOR	72_PS_MON	POWER SUPPLY 1 & 2 MONITORING	1=OK 0=FAULT	FAULT
	72_K7214_FMON	K7214 FUSE MONITORING	1=OK 0=FAULT	FAULT
	72_HS91_FMON	HS1O-HS FUSE MONITORING	1=OK 0=FAULT	FAULT
	72_FAN_MON	FAN RACK D-G-K-ROOF MONITORING	1=OK 0=FAULT	FAULT
	72_MM37_FMON	MM37 FUSE MONITORING	1=OK 0=FAULT	FAULT

	TAG	DESCRIPTION	VALUE	
26R1 Pressure	PZ26-1	26R1 REACTOR TOP LINE PRESSURE-1	0-2000 mbar	0.0
	PZ26-1-OK	26R1 REACTOR TOP LINE PRESSURE-1 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	PZ26-1-DEACT	26R1 REACTOR TOP LINE PRESSURE-1 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	PZ26-2	26R1 REACTOR TOP LINE PRESSURE-2	0-2000 mbar	0.0
	PZ26-2-OK	26R1 REACTOR TOP LINE PRESSURE-2 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	PZ26-2-DEACT	26R1 REACTOR TOP LINE PRESSURE-2 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	PZ26-1-2-RT	26R1 REACTOR TOP LINE PRESSURE 1oo2 REMAINING TIME	0-8760 hours	0
	PZ26-1-2-MIN	26R1 REACTOR TOP LINE PRESSURE 1oo2 MIN VALVE	0-2000 mbar	0.0
	PZ26-1-2-MAX	26R1 REACTOR TOP LINE PRESSURE 1oo2 MAX VALUE	0-2000 mbar	0.0
	PZ26-1-2-MEAS-OK	26R1 REACTOR TOP LINE PRESSURE 1oo2 MEAS OK	1=MEAS OK 0 =ERROR	MEAS. ERROR
	PZ26-1-2-DEV-ALM	26R1 REACTOR TOP LINE PRESSURE 1oo2 DEVIATION ALARM	1=OK 0=DEVIATION	DEVIATION
	PZ26-1-2-LIM	26R1 REACTOR TOP LINE PRESSURE 1oo2 LIMITED AVAILABILITY	1= OK 0=LIMITED AVAIL	LMTD AVAIL
26R1 Temperature	TZ26-1	26R1 REACTOR TOP LINE TEMPERATURE-1	0-200 deg C	0
	TZ26-1-OK	26R1 REACTOR TOP LINE TEMPERATURE-1 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	TZ26-1-DEACT	26R1 REACTOR TOP LINE TEMPERATURE-1 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	TZ26-2	26R1 REACTOR TOP LINE TEMPERATURE-2	0-200 deg C	0
	TZ26-2-OK	26R1 REACTOR TOP LINE TEMPERATURE-2 CH OK	1=CH OK / 0 = ERROR	CHN.ERROR
	TZ26-2-DEACT	26R1 REACTOR TOP LINE TEMPERATURE-2 DEACTIVATED	1= ACTIVE 0=DEACTIVATED	DEACTIVATED
	TZ26-1-2-RT	26R1 REACTOR TOP LINE TEMPERATURE 1oo2 REMAINING TIME	0-8760 hours	0
	TZ26-1-2-MIN	26R1 REACTOR TOP LINE TEMPERATURE 1oo2 MIN VALUE	0-200 deg C	0.0
	TZ26-1-2-MAX	26R1 REACTOR TOP LINE TEMPERATURE 1oo2 MAX VALUE	0-200 deg C	0.0
	TZ26-1-2-MEAS-OK	26R1 REACTOR TOP LINE TEMPERATURE 1oo2 MEAS OK	1=MEAS OK 0 =ERROR	MEAS. ERROR
	TZ26-1-2-DEV-ALM	26R1 REACTOR TOP LINE TEMPERATURE 1oo2 DEVIATION ALARM	1=OK 0=DEVIATION	DEVIATION
	TZ26-1-2-LIM	26R1 REACTOR TOP LINE TEMPERATURE 1oo2 LIMITED AVAILABILITY	1= OK 0=LIMITED AVAIL	LMTD AVAIL

SIF SIGNALS

	TAG	DESCRIPTION	VALUE	
SIF STATUS	TZ15046-1-SIF-OK	FURNACE TEMPERATURE SIF OK	1=OK 0 =TRIP	TRIP
	TZ15046-2-SIF-OK	16R1 REACTOR TEMPERATURE MAXIMUM SIF OK	1=OK 0 =TRIP	TRIP
	TZ15046-3-SIF-OK	26R1 REACTOR TEMPERATURE MAXIMUM SIF OK	1=OK 0 =TRIP	TRIP
	PZ15046-1-SIF-OK	16R1 REACTOR PRESSURE MAXIMUM SIF OK	1=OK 0 =TRIP	TRIP
	PZ15046-2-SIF-OK	26R1 REACTOR PRESSURE MAXIMUM SIF OK	1=OK 0 =TRIP	TRIP
	FZ15046-1-SIF-OK	23C1 BACKFLOW SIF OK	1=OK 0 =TRIP	TRIP
	LZ15046-1-SIF-OK	23C1 LEVEL MAXIMUM SIF OK	1=OK 0 =TRIP	TRIP
SIF SET POINTS	TZ15046-1-S P	TZ15 046-1 TRIP SET POINT	0-1000 deg C	0
	TZ15046-2-S P	TZ15 046-2 TRIP SET POINT	0-200 deg C	0.0
	TZ15046-3-S P	TZ15 046-3 TRIP SET POINT	0-200 deg C	0.0
	PZ15046-1-S P	PZ15 046-1 TRIP SET POINT	0-2000 mbar	0
	PZ15046-2-S P	PZ15 046-2 TRIP SET POINT	0-2000 mbar	0
	FZ15046-1-S P	FZ15 046-1 TRIP SET POINT	0-20000 kg/h	0
	LZ15046-1-S P	LZ15 046-1 TRIP SET POINT	0-100 %	0
Z-P ANEL MONITOR	UZ72-SYS-FLT	SYSTEM FAULT ALARM	1=OK 0=ALARM	ALARM
	UZ72-BYPASS-ALM	Z-P ANEL BYPASS ALARM	1=OK 0=ALARM	ALARM
	FZ15046-1-BYPASS	23C1 BACKFLOW BYPASSED ALARM	0=BYPASSED	BYPASSED
	UZ72-MAINT-ALM	MAINTENANCE ALARM ALARM	1=OK 0=ALARM	ALARM
	UZ72-RESET	Z-P ANEL ALARM RESET SIGNAL	1=OK 0=RESET	RESET
	UZ72-MAINT-RESET	Z-P ANEL MAINTENANCE ALARM RESET SIGNAL	1=OK 0=RESET	RESET
	UZ72-ACK	Z-P ANEL ALARM ACKNOWLEDGE SIGNAL	1= NO ACK 0=ACK	ACK
	UZ72-BYPASS	Z-P ANEL BYPASS KEYSWITCH SIGNAL	1=NOT IN USE 0=ACTIVE	ACTIVE
	FZ15046-1-BY-CMD	23C1 BACKFLOW BYPASS BUTTON SIGNAL	1=NOT IN USE 0=PRESSED	ACTIVE

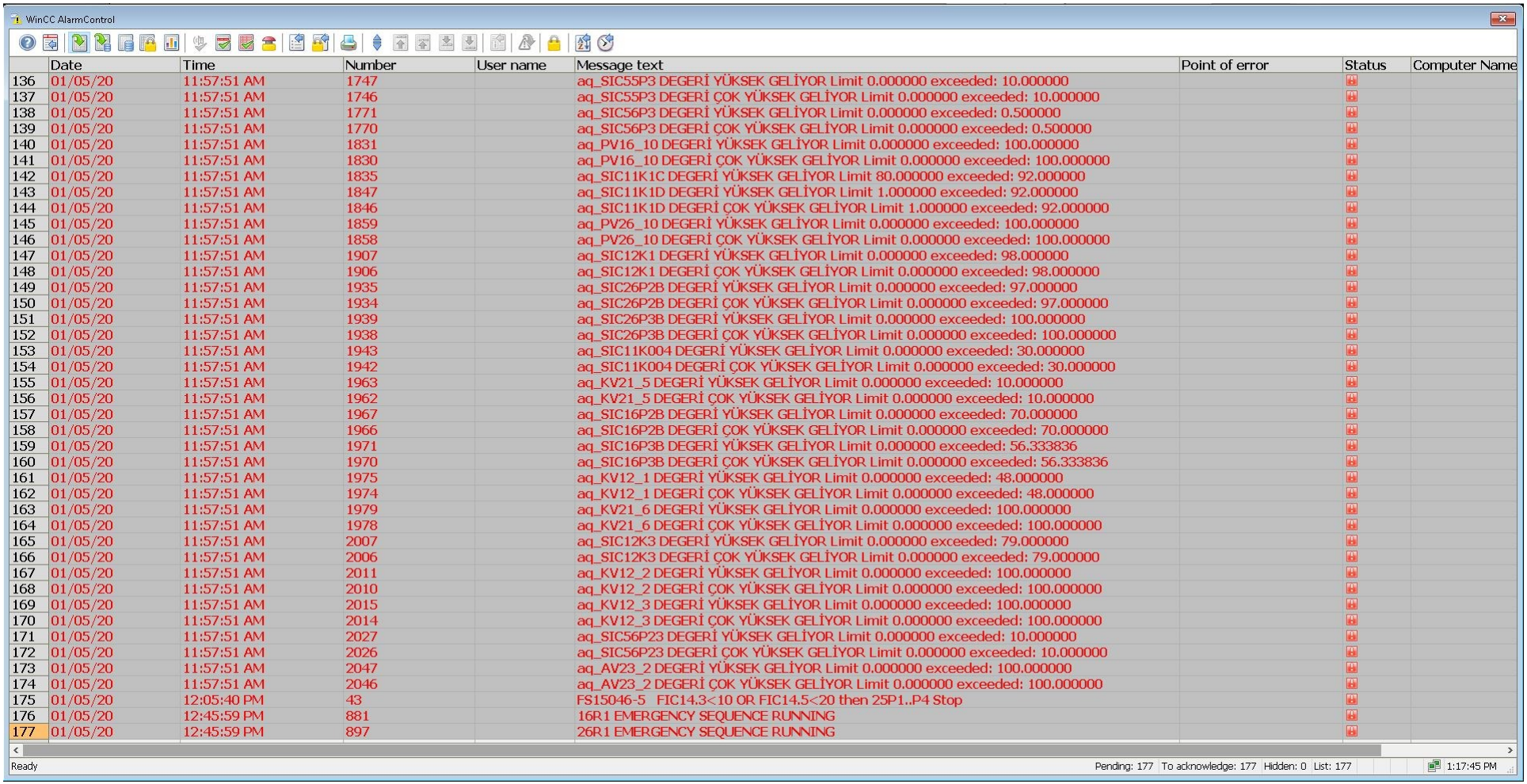
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ALARM SCREEN



	Date	Time	Number	User name	Message text	Point of error	Status	Computer Name
136	01/05/20	11:57:51 AM	1747		aq_SIC55P3 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 10.000000			
137	01/05/20	11:57:51 AM	1746		aq_SIC55P3 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 10.000000			
138	01/05/20	11:57:51 AM	1771		aq_SIC56P3 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 0.500000			
139	01/05/20	11:57:51 AM	1770		aq_SIC56P3 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 0.500000			
140	01/05/20	11:57:51 AM	1831		aq_PV16_10 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
141	01/05/20	11:57:51 AM	1830		aq_PV16_10 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
142	01/05/20	11:57:51 AM	1835		aq_SIC11K1C DEGERİ YÜKSEK GELİYOR Limit 80.000000 exceeded: 92.000000			
143	01/05/20	11:57:51 AM	1847		aq_SIC11K1D DEGERİ YÜKSEK GELİYOR Limit 1.000000 exceeded: 92.000000			
144	01/05/20	11:57:51 AM	1846		aq_SIC11K1D DEGERİ ÇOK YÜKSEK GELİYOR Limit 1.000000 exceeded: 92.000000			
145	01/05/20	11:57:51 AM	1859		aq_PV26_10 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
146	01/05/20	11:57:51 AM	1858		aq_PV26_10 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
147	01/05/20	11:57:51 AM	1907		aq_SIC12K1 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 98.000000			
148	01/05/20	11:57:51 AM	1906		aq_SIC12K1 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 98.000000			
149	01/05/20	11:57:51 AM	1935		aq_SIC26P2B DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 97.000000			
150	01/05/20	11:57:51 AM	1934		aq_SIC26P2B DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 97.000000			
151	01/05/20	11:57:51 AM	1939		aq_SIC26P3B DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
152	01/05/20	11:57:51 AM	1938		aq_SIC26P3B DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
153	01/05/20	11:57:51 AM	1943		aq_SIC11K004 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 30.000000			
154	01/05/20	11:57:51 AM	1942		aq_SIC11K004 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 30.000000			
155	01/05/20	11:57:51 AM	1963		aq_KV21_5 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 10.000000			
156	01/05/20	11:57:51 AM	1962		aq_KV21_5 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 10.000000			
157	01/05/20	11:57:51 AM	1967		aq_SIC16P2B DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 70.000000			
158	01/05/20	11:57:51 AM	1966		aq_SIC16P2B DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 70.000000			
159	01/05/20	11:57:51 AM	1971		aq_SIC16P3B DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 56.333836			
160	01/05/20	11:57:51 AM	1970		aq_SIC16P3B DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 56.333836			
161	01/05/20	11:57:51 AM	1975		aq_KV12_1 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 48.000000			
162	01/05/20	11:57:51 AM	1974		aq_KV12_1 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 48.000000			
163	01/05/20	11:57:51 AM	1979		aq_KV21_6 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
164	01/05/20	11:57:51 AM	1978		aq_KV21_6 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
165	01/05/20	11:57:51 AM	2007		aq_SIC12K3 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 79.000000			
166	01/05/20	11:57:51 AM	2006		aq_SIC12K3 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 79.000000			
167	01/05/20	11:57:51 AM	2011		aq_KV12_2 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
168	01/05/20	11:57:51 AM	2010		aq_KV12_2 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
169	01/05/20	11:57:51 AM	2015		aq_KV12_3 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
170	01/05/20	11:57:51 AM	2014		aq_KV12_3 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
171	01/05/20	11:57:51 AM	2027		aq_SIC56P23 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 10.000000			
172	01/05/20	11:57:51 AM	2026		aq_SIC56P23 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 10.000000			
173	01/05/20	11:57:51 AM	2047		aq_AV23_2 DEGERİ YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
174	01/05/20	11:57:51 AM	2046		aq_AV23_2 DEGERİ ÇOK YÜKSEK GELİYOR Limit 0.000000 exceeded: 100.000000			
175	01/05/20	12:05:40 PM	43		FS15046-5 FIC14.3<10 OR FIC14.5<20 then 25P1..P4 Stop			
176	01/05/20	12:45:59 PM	881		16R1 EMERGENCY SEQUENCE RUNNING			
177	01/05/20	12:45:59 PM	897		26R1 EMERGENCY SEQUENCE RUNNING			

TREND SCREEN

