



V-101, 102 Storage 1 & 2
 FR-101, 102 Fermenter 1 & 2
 DC-101 Centrifuge
 GBX-101, 102 Bipolar membrane electrodialysis 1 & 2
 TFE-101, 102 Thin Film Evaporator 1 & 2
 R-101, 102 Stirred Tank Bioreactor 1 & 2
 CR-101 Crystallizer
 NFD-101 Nutsche Filter
 SL-101 Solid storage
 HX-101, 103, 104, 105 Heaters/Coolers
 HX-106, 107, 108 Heat exchangers
 P-101 to P-109 Pumps

TT Temperature Transmitter
 TC Temperature Controller
 TA Temperature Alarm
 TI Temperature Indicator
 FT Flow Transmitter
 FC Flow Controller
 LT Level Transmitter
 LC Level Controller
 LI Level Indicator
 LA Level Alarm
 DT Density Transmitter
 DC Density Controller

PT Pressure Transmitter
 PC Pressure Controller
 PA Pressure Alarm
 pH Transmitter
 pH Calculation
 pH Controller
 AT Analytical Transmitter
 AC Analytical Controller