Plant PCT23
the plant

Its P&ID
Medium goes from right Tank
throught pump 1
Through HeatExchanger(HX)
Boiler produces hot water
pump2 supply the HX by the hot water
Cool water from pipeline cools the HX
Right HX heating part
Left HX cooling part
Preheated medium from HX goes to reflux valve
Medium temperature not good, return to the right tank
if good, Cool down and return to the product tank.
Control and Visualization in B&R automation studio
Control in Matlab Simulink
Aplikácia