

HMI Assignment: Isak Skeie

Assumptions:

Based on the information given in the plant drawings, the Level 1 HMI could be divided into four parts. Clarifier, Wet Wells level, Filter, and auxiliaries. The Process values that needs to stay within a certain bandwith/limit, are either shown with bar graphs, or chart graphs. The information coming from the filter and other auxiliary elements, are used to support the main operation of the plant.

Explanations:

The use of a light blue color makes it easier for the eye to view the information on the screen, while at the same time giving a high enough contrast for the user to clearly see deviations in process values. The plant is divided into four areas as stated above. With the two to the left being the main proceses. And the two to the right with the tables, only gives the user a status on supporting equipment,

