



IFA PROCESS WATER TREATMENT PLANT for the production of mineral wool

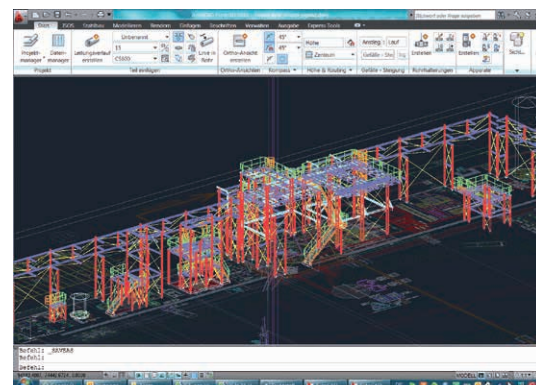
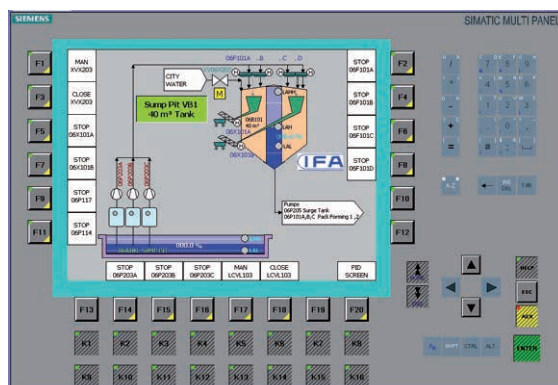


When you are producing mineral wool, dirty water occurs in the different production areas.

To be able to reuse this wastewater you have to clean it. The company IFA designs, manufactures and installs (turn-key) the appropriate plant you need for your production process – manual or automatic operation.

Several filtration units, pumps, tanks and pipelines prepare the dirty water and the recycled water can be supplied back to the production process.

The wash water system can be controlled with all current PLC systems (e.g. Siemens, Allen Bradley and others). For the visualization (HMI) it can be used WinCC, WinCC flexible, Intouch, Foxboro and others.



INSULATION MATERIALS

Resins
Acid
Phenol formaldehyde
Lignin
Silanes
Silicone
Coloring means
Urea solutions
etc.

Building chemistry
Building material
production
etc.

The division of insulation materials of the IFA Technology GmbH offers customised solutions for the production processes of mineral wool.

Processing and circulation of the process water treatment

Systems for collecting and cleaning wash water from the production process. Multi-level filtering and cleaning of the water using:

- Buffer tanks and sludge tanks with agitators
- Shakers screens, vibrating screens
- Drum filters, paper filters, belt filters
- Hydrocyclones
- Centrifuges, decanter

This gradation of the cleaning stages guarantees that the industrial water exactly fulfills the cleanliness requirements expected.

Controls

For the entire scope of supply the company IFA Technology GmbH uses modern PLC-Systems of reputable manufacturers.

The process data are collected and clearly presented in a central display. From here the service personnel has an overview of the entire operation and can intervene fast and directly.

IFA

Engineering
Development
Construction
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Service

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world-wide excellent



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