



Schlemmer Prozess Systeme GmbH
MEASURING AND CONTROL TECHNOLOGY

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Process technology plant

We offer a wide range of control systems for process technology plants. We are very well prepared on chemical-physical as well as biologic procedure. We use our own special algorithms, fuzzy controller, step-by-step controller and constant regulator to guarantee a high-precise regulation. Our control systems make a big contribute to the compliance of quality, costs and time aims in every kind of branch.

We could gather a lot of experience through our already realized projects in the field of mechanic, thermic and chemical process technology. In addition, we offer extensive possibilities to log and monitor your process data and if necessary to store it over a long time period.

These features can be integrated additionally:

- Overall equipment efficiency
- Creation of production plans
- Verification of manufacturing
- Master data and time registration
- Batch card
- Batch report
- Material management
- E mail or phone notification
- Cleaning and service management
- Free configuration of automatic journals and malfunction categorization
- Data exchange with business-management systems (SAP, Excel, etc.)

The overall equipment efficiency is a very mighty tool. It is possible to monitor the efficiency of every single part of your plant with the OEE. The specialty of this system is to identify and analyze the losses of the plant and these losses can be reduced with a verified action plan.

In addition, a lot of other handy functions can be integrated. For example, it is possible to log the material usage. Now, a minimum amount for every raw material can be set in the system. In case, this minimum amount isn't in stock anymore, the system sends automatically an order to the supplier.

We are always keen to have a close contact to our customers and like to oblige their wishes.

Following, you will find a small listing of plants we have already realized with our control concept:

- **Pfleiderer Spezialpapiere**
- Petrochemical reactors at MAN Diesel & Turbo SE
- **Tank furnace at Heinz Glas**
- Tank furnace at Zwiesel Kristallglas
- Tank furnace at Schott
- Poly oven at Rodenstock