

Energy technology

www.suatec.com



Engineering is our speciality, control technology is our strong point



From inspiration to implementation – we can optimise your system performance, increase efficiency and production, and lower construction and development costs through co-operation from the very beginning.

SUATEC GmbH is more than technology and know-how. We are a team. We combine our expertise, our experience and extensive industry knowledge. For the benefit of our customers. Because we provide complete services from a single source.

WE PROVIDE:

- Engineering from concept to commissioning
- Software creation and development for automation solutions, visualisation and control systems
- Control cabinet design
- Comprehensive services such as maintenance, optimisation, analysis

OUR CUSTOM SYSTEMS ARE PRIMARILY USED IN:

- Food technology
- Energy technology
- Industrial automation

CROSS-INDUSTRY BENEFIT:

- Our well-founded, mature and extensive application knowledge
- Solutions from a single source
- Quality via defined processes
- Our own test facilities
 - For intensive testing over and above the standard specifications (e.g. via programmable test processes)
 - For quality assurance
 - For saving costs and time
- Reliable commissioning

ENERGY TECHNOLOGY

We lead the way when it comes to the burning of fossil and solid fuels. As one of the few companies in Germany, we have a TÜV certificate for fail-safe compound control based on Siemens Step7. We optimise the energy production – from standard boilers to complex combustion processes with fail-safe controls and electronic compound control. Optimal energy production means energy savings! That's the big advantage of SUATEC systems!

Our reliable control cabinets and controls for energy-related supply systems are used in

- Industrial plants of all sectors
- Power Plants
- Compound control systems (fossil and renewable fuels)
- Process energy supply systems

Regardless of energy, we implement systems of up to 180 MW. And boiler sequence controls. Whether for power plants, steam boilers, hot or warm water boilers, gas and steam cogeneration plants to combustion chambers and furnaces. These are standard services. However, our capacity lies much higher. Put us to the challenge! Early cooperation with us will pay off for you. Until commissioning, but also far beyond it. Because you reduce staff costs from our additional services:

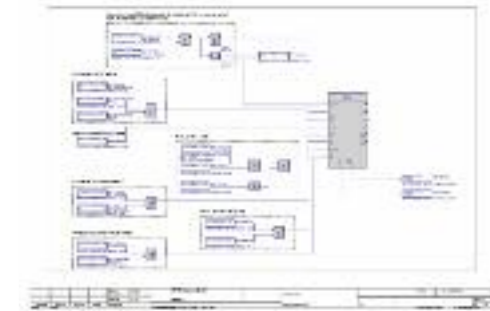
- Engineering and programming following the power plant identification system
- VGB-R 170c documentation
- Remote maintenance via telephone/internet
- Software-based operation without permanent supervision systems (72 hr)
 - Operation without permanent supervision – for operations round the clock, 365 days per year

ADDITIONAL BENEFITS OF OUR SYSTEMS:

- TÜV approved, software-based PLC solutions as electronic controls for burner and compound control systems
- Extensive simulation and testing of the system software prior to commissioning at our in-house test facilities
- Final acceptance test with the operator

We trust the Siemens WinCC, PCS7 and T3000 control systems. The systems set new standards in process control via

- Easy handling
- High performance data distribution
- Low costs during system operating time



We at SUATEC stand for the use of state-of-the-art technology. This is how we are able to guarantee the optimal performance of your systems.