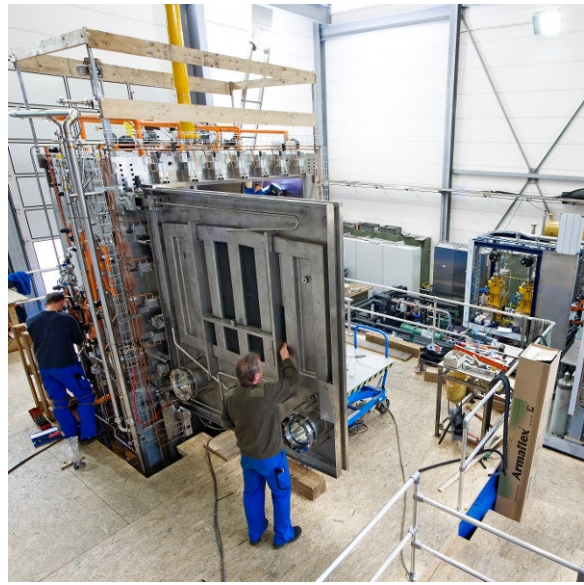


## FAT meets sustainable infrastructure at HOF



### Comprehensive infrastructure for FAT

HOF has a first-class infrastructure that covers almost 100% of FAT requirements. With flexible installation options, including single and multi-storey arrangements up to 15m, and 11 ABUS large crane systems (10t to 40t), we are able to meet a wide range of customer needs and simulate the final installation of your systems.

### Electrical energy

- Renewable energy sources: We use 198 kWp of roof-mounted photovoltaics to generate electricity at our sites.
- Emergency power generators: Three HOF emergency power generators are available for peak load reduction and emergency power tests:
  - 1x 500 kVA
  - 1x 250 kVA
  - 1x 160 kVA

## Fresh water

- **Fresh water:** Efficient use of tap water by minimizing consumption thanks to process engineering expertise.
- **Reverse osmosis water:** Our own production plant supplies reverse osmosis water for cleaning and CIP processes. We have our own storage capacity of 20 m<sup>3</sup>.
- **CIP water center:** Our central CIP system feeds its own in-house ring main and enables precise recipe fulfillment during your FAT.
- **Pure steam plant:** Two pure steam generation plants are available for SIP processes and sterilization.
- **Cooling water:** Three cooling towers with a total output of >1000 kW, supplemented by two propane chiller systems, cover your cooling requirements.

## Temperature and nitrogen management

- **Temperature ranges:** Selectable temperature ranges from 6°C to 25°C.
- **Nitrogen:** Two separate nitrogen tanks for liquid and gaseous nitrogen for process cooling and inert conditions.

## Compressed air and waste water

- **Compressed air center:** Redundant compressed air systems for various process technology applications.
- **Waste water:** pH-neutral discharge of process waste water into the municipal waste water system, supported by two separate waste water lifting units

## Advantages at a glance

HOF offers numerous advantages thanks to its sustainable infrastructure:

- **Maximum flexibility and reliability:** Thanks to comprehensive equipment and state-of-the-art technologies.
- **Efficient process integration:** Automated systems and central supply units enable seamless test sequences.
- **Environmental awareness and sustainability:** Use of renewable energy sources and resource-saving technologies.
- **Complete coverage of your FAT needs:** From energy and water supply to nitrogen and compressed air provision.

## Oliver Fleischer

Head of Service

“Our combination of advanced infrastructure and sustainable technologies enables us to carry out FAT tests not only efficiently but also in an environmentally friendly way. This is our contribution to the sustainable industry of the future.”