

# After Sales & Service



For over 170 years, Ziemann Holvrieka is delivering tanks and process equipment for various industries, such as the beer & beverage industry, liquid food industry, chemical and pharmaceutical industry:

We develop, engineer, manufacture, install, commission and service the complete installations. Our experience will be utilised to provide you with the best service support.

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Via our After Sales Services organisation we are able to offer worldwide support in the operation, maintenance and continuous improvement of your valuable assets.

We deliver tailor-made services to help you realise below key objectives, taking into account cost effective ways to achieve these.

**Our service covers:**

- Achieve the highest availability and avoid any unplanned production downtime.
- Optimise production efficiency: maximise output with the lowest use of raw materials, water and energy.
- Optimise maintenance costs, spare parts inventory and overall lifetime of the equipment.
- Safety: keep the plant a safe working environment, according the latest insights and regulations.
- Ensure product quality and functionality of the process by systematic monitoring and control.

# Condition audits and spare part management

The condition audit is the first step to get an idea of current and future maintenance requirements.

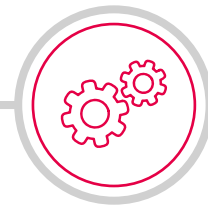


## 1 Inventarisation

- Inventarisation of general state of the equipment.
- Feedback on occurring problems and focus areas.
- Determine the parameters with regards to desired or required uptime and reliability, e.g. regarding production utilisation and logistics.



## 2 Tailor-made proposal for the condition audit



## 3 Execution by one of our service technicians



## 4 Results

- Report containing the findings of the audit and recommendations
- Spare part recommendation
- Proposal for next steps, planning and potential optimisations



In a second step we integrate the results of the condition audit into spare parts management. Customer specific information, e.g. location, production load and goals are taken into account as well as expected downtime for spare parts and their delivery lead times.



## Preventive approach for optimised maintenance costs

Together with our customers and key suppliers we develop a tailor-made preventive maintenance plan.

### Our focus:

Cost effective solutions and avoiding unnessecary stocking of spare parts.

### Our objective:

Reducing spare part costs and optimising maintenance costs.

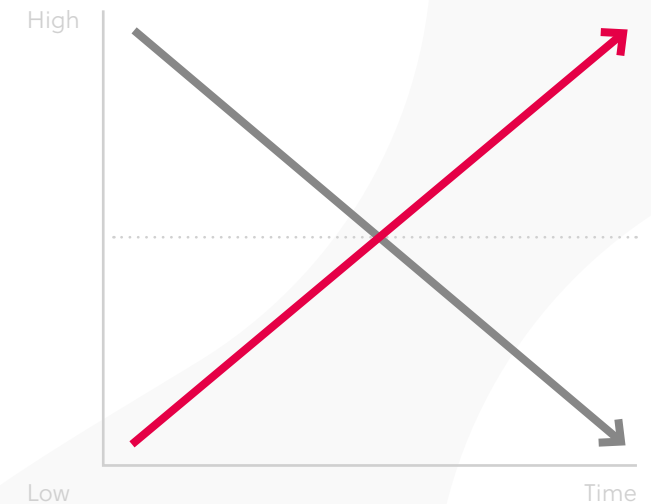
### Implementation:

- Regular (daily or weekly) maintenance typically done by the customer.
- Specialised, planned, maintenance done by Ziemann Holvrieka.
- Categorized and optimized spare part inventory.

This program can be further developed and optimised by making use of condition based monitoring tools, such as vibration or temperature sensors and specialised predictive maintenance software. In addition to this regular condition audits by Ziemann Holvrieka can be implemented to continuously optimise total maintenance costs. Furthermore remote guidance provides an easy and quick way to get direct support.

## We offer a broad range of services:

- Consultancy: feasibility studies, service audits and process optimisations.
- Maintenance: from delivery of high-quality – original – spare parts to repairs, technical troubleshooting, supervision during major overhauls and preventive maintenance.
- Tank services for periodical inspection of your storage and process tanks, calibration and testing of instruments and safety equipment or preventive maintenance to keep the tanks in excellent condition.
- Automation support to keep your control system up to date and assist your staff by remote or on-site support.
- Training of your staff in your own brewery or in our training centre (with fully equipped pilot brewery), ranging from basic courses to get acquainted with brewery processes to in depth courses to operate and maintain for example a brewhouse or its control system.
- Upgrades and retrofits of installations: from small product improvements, efficiency increase, safety upgrade to major overhauls to adapt existing assets to changing requirements.



- Total Cost of Ownership
- Critical asset reliability

## Our services at a glance

- Consultancy: feasibility studies, service audits and process optimisations
- Maintenance: repairs, upkeeping and preventive maintenance
- Automation optimisation with remote and on-site service
- Training of employees: in-house or in our training center, in terms of basic and specialised courses
- Set ups and retrofitting for efficiency and security enhancement
- Tank services and inspections

## Your personal contact

Get in touch with us and talk to our service team about your ideas:

T: +49 7141 408 444

F: +49 7141 408 335

General inquiries about After Sales & Service:  
[service@ziemann-holvrieka.com](mailto:service@ziemann-holvrieka.com)

Inquiries about spare parts: [spareparts@ziemann-holvrieka.com](mailto:spareparts@ziemann-holvrieka.com)



Thank you for your time.

For all enquiries, please contact one of our sales team at a Ziemann Holvrieka office near you.

Scan the QR code or visit [www.ziemann-holvrieka.com](http://www.ziemann-holvrieka.com)

