

ServiceFacts

Start-up+ | System Maintenance

Services

- Performance of necessary maintenance works and inspections of HIMA systems
- Check of system condition and performance of minor maintenance duties
- Replacement of worn and consumed parts when possible and planned
- Optimization of system through product improvements
- Documentation of works in checklists and logs
- Final meeting and suggested courses of action

Advantages

- Maintenance from manufacturer with maximum knowledge of preventative actions
- Minimized plant downtime and increased availability
- Assurance through standardized maintenance of safety-related automation systems
- Individual maintenance intervals based on the required plant availability, at least every four years

Devices and systems

- HIMax®
- HIQuad
- HIMatrix®
- Planar4
- Planar F



Ensuring system availability and operating condition through preventative maintenance

Safety-related automation systems require regular maintenance to meet the plant safety requirements and prevent potential failures. The Start-up+ service module ensures you the expert inspection and maintenance of your HIMA systems, fully in compliance with the applicable standards. Our experience guarantees an optimum balance between availability and necessary maintenance. Checklists support us in the testing of supply voltage, power supply units, redundancy behaviour, safety shut-downs, software versions, documentation, diagnostic protocols, etc. Replacement of critical parts as well as minor maintenance duties are also included within the scope of the service. A final protocol plus a final meeting with recommended courses of action provide you with the best knowledge about your plant's condition.



SAFETY
NONSTOP

Start-up+ | System Maintenance

Pricing

- Signing of a service contract with individually agreed maintenance interval and an annual fixed price, including all travel and work costs and maintenance materials
- Alternatively: Single execution of start-up system maintenance upon request, specifying possible tasks at the time of the request

Preparation work

- On-site system inspection at the start of the contractual period
- Individual appointments for the execution of all start-up service work

Service limits

- Material for all repair actions as well as work times for extensive repair actions are not included
- All activities shall be carried out during normal working hours; with several systems, one immediately after the other
- Some maintenance work at some of the maintenance times can only be carried out when the plant is shut down. This needs to be taken into consideration or a reduced scope of maintenance needs to be accepted

Certificates for services

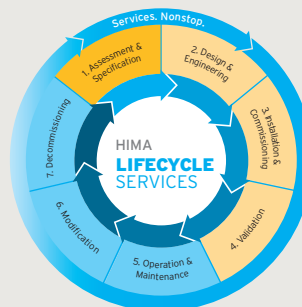
- FSM Engineering 968/FSM 101.07/09
- DNV SCC (Management)
- ISO 14001 (Environmental management)
- ISO 9001 (Quality management)

Safety is inseparable

We can assist you with our qualified, well-planned and mutually coordinated services to maintain continuous safety at your plant while also avoiding unnecessary shutdowns.

System Maintenance is only one of the five HIMA services.

The four others are: 24-h Hotline, 24-h Spare Parts Service, 24-h On-Call and On-Site Engineering



Performance location

- On-site at your plant

Performance period

- At regular intervals varying between annually and every four years, depending on the system availability and requirements

Performance time

- Based on individual appointments depending on the required operating state and availability of service personnel

ZVEI classification

Performance classes 1, 2, 3, 4

Training program

Find out more about the HIMA training program, e.g., courses for operating personnel for telephone supported fault clearance.

Contact

Your contact for HIMA services:

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