

# Assembly & maintenance exercises pumps

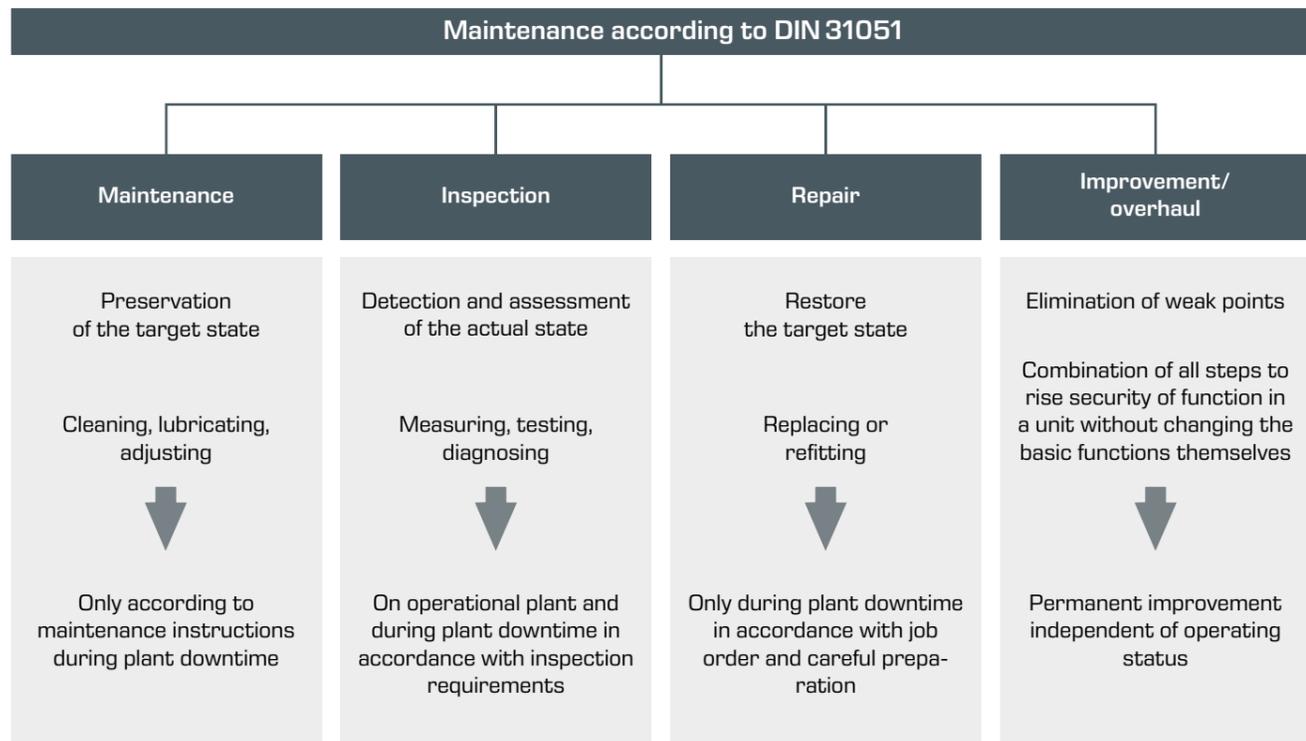
## What is maintenance?

Maintenance is a complex field, and in Germany is defined by the DIN 31051 standard. Maintenance is one of the main tasks for technicians and skilled workers in mechanical engineering or mechatronics. The attention that curricula give to the topic is correspondingly large.

With GUNT's assembly and maintenance exercises for pumps, students are given the opportunity to gain insight into the function and structure of various pumps.

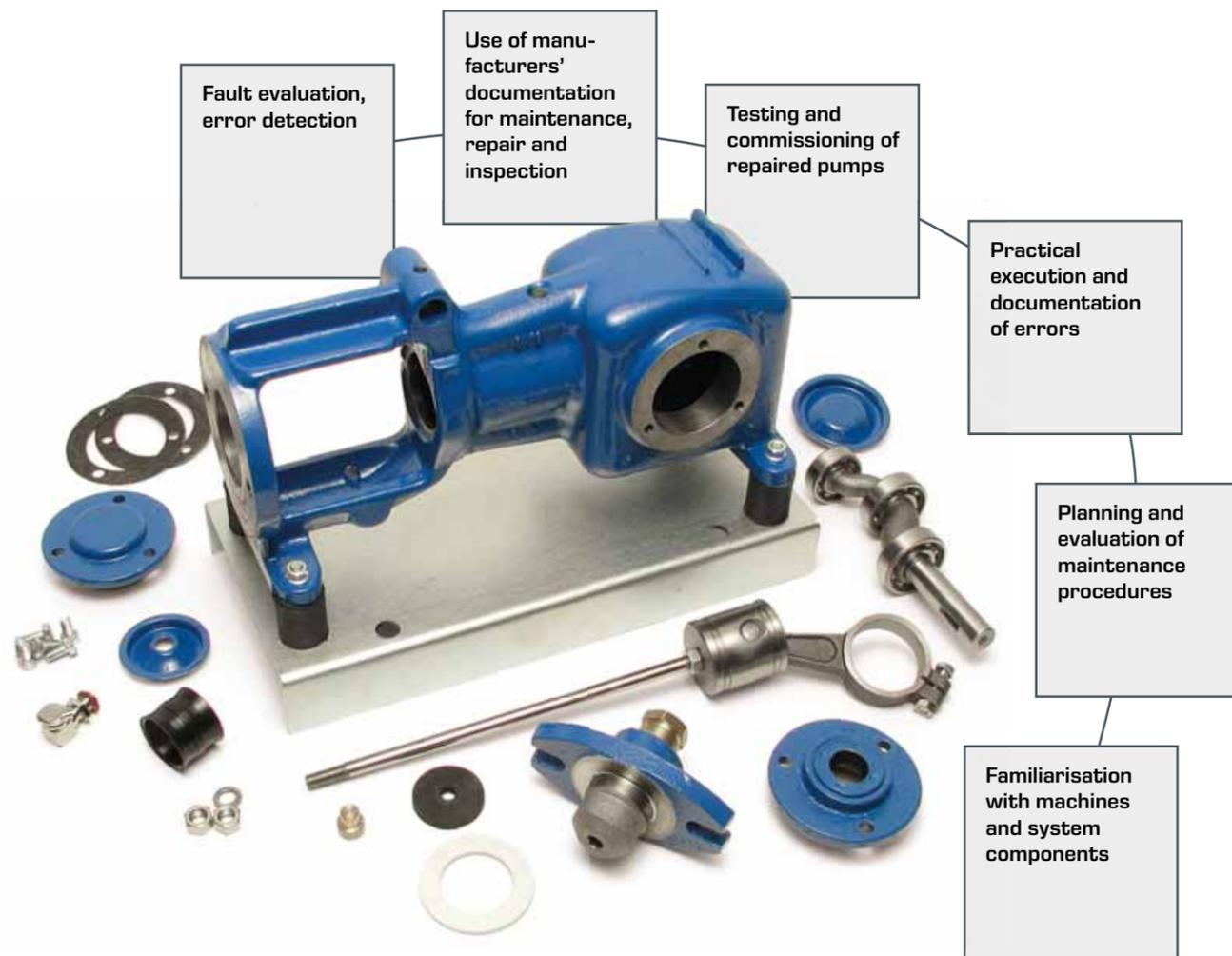
maintained or restored and includes the fields of maintenance, inspection and repair. Extensive knowledge of installation technology is essential for the topic of maintenance.

Moving parts are installed in all pumps, which means these must be serviced regularly and wear parts replaced. Maintenance is intended to ensure that the functional state of a component is

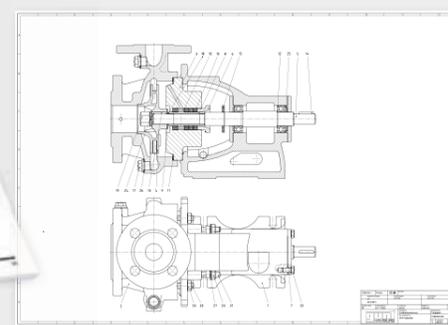


If the function of a pump is disturbed, there is the danger of production or supply failures. Replacing a pump is often considerably less economical than proper preventive maintenance.

The versatile assembly and maintenance exercises provide real-world industrial experience. In particular, the maintenance exercises are sometimes time-consuming and are suitable for project work. The exercises require that students have a technical and systematic approach to work.



Professional presentation of the technical fundamentals



Exercises allow systematic work and performance assessments



Standards-compliant set of drawings with parts list and assembly instructions