

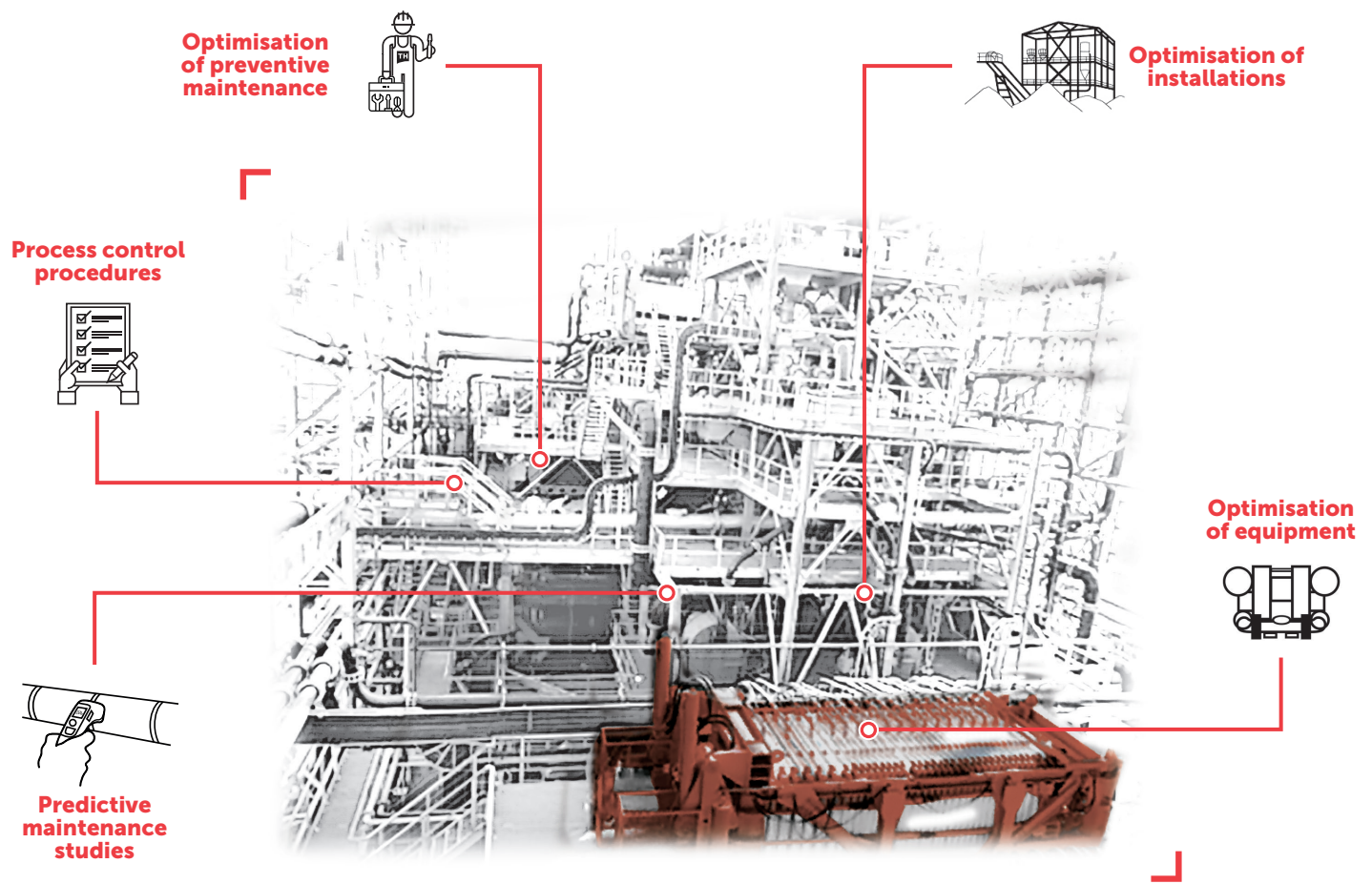


PLANT AUDITS



TH STANDS SIDE BY SIDE WITH ITS CUSTOMERS

Our goal is to guarantee the maximum satisfaction and profitability of our customers by providing a technical audit service for installations and equipment in operation.



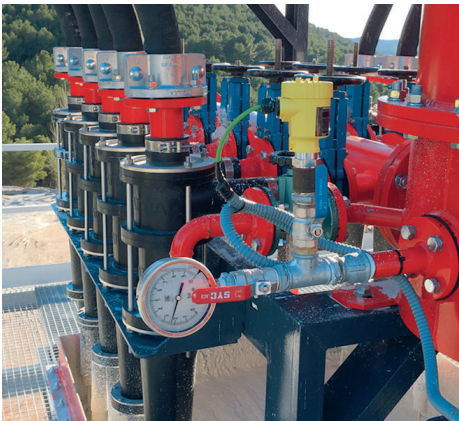
Optimization of process plants

- › Evaluation of plant performance.
- › Recording of current operating parameters and conditions.
- › Update existing mass / water / chemical balance.
- › Determine improvements to be applied in parameterisation.
- › Determine optimum operating conditions.
- › Develop optimized flow diagram.
- › Identification of bottlenecks.
- › Report with recommendations for improvement.



Optimisation of equipment performance

- › Evaluation of equipment performance.
- › Recording of current operating parameters and conditions.
- › Determine improvements to be applied in parameterisation.
- › Determine optimum operating condition.
- › Recommendation on better maintenance practices.
- › Report with recommendations for improvement.



Optimisation of preventive maintenance

- › Analysis of current PMPs at equipment level.
- › Analysis of current PMPs at plant level.
- › Review of critical and non-critical components.
- › Identification of components which require preventive maintenance.
- › Develop scheduled maintenance plan.
- › Develop predictive maintenance plan.
- › Report with recommendations for improvement in maintenance.



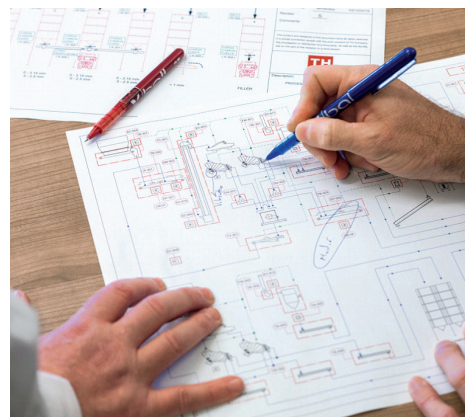
Predictive maintenance studies

- › General analysis of the current state of equipment in operation.
- › Identification of elements to be inspected.
- › Review and develop inspection procedures and schedules.
- › Identification of critical components and recording of parameters.
- › Determine the actions to be taken in case of deviations.
- › Preparation of predictive maintenance plan.



Process control procedures

- › Establish goals for unit operations / process.
- › Determine finished and semi-finished product specifications.
- › Basic process control procedures.
- › Comparative study and review of basic procedures.
- › Final process control procedure reports.





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