

# Process-technological inspection



thyssenkrupp



Dust measurement in the preheater



Remote Inspection

## Get the best from your process optimization - on-site and remotely

As a globally active constructor of plants and machines, we have decades of experience in the construction of industrial facilities. With our unique knowledge, we can help you to optimise the processes in your plant, or to adapt them to the current state-of-the-art.

Productivity, energy efficiency, plant availability and emission reduction are the focus of our process-technological inspections.

Our process-technological examinations form the basis of determining the efficiency of overall processes or subprocesses. For this purpose, we inspect the entire process sequence with all the key machines and units of your plant.

Here, the focal point is the evaluation of current process data and operation logs. Depending on the scope of the inspection, we determine the following characteristic process data: temperature, emissions, volume flow, material and gas composition, pressure and mass flow.

On request, we can also carry out local industrial measurements, as well as material tests in our Research and Development Centre.

Our process-technological consultation provides you with detailed knowledge regarding the operation of your plant. On the basis of a visual plant inspection and evaluation of the available data material, we discuss with you possible improvements and jointly work out specific solutions.

In the case of process-technological problems, we can quickly assist you with our troubleshooting. We localise weak point in a targeted manner and propose solutions directly on site.

According to the customer needs selected parts of the process technological inspection could be carried out remotely. Through online live support the sound and images of the plant are submitted straight to our senior process expert. Technical data sheets, diagrams and checklists will be used for a proper communication and execution of the remote inspection. The remote process technological inspection provides a quick overview highlighting the optimization potentials as well as a short list of recommendations.

### Your service advantages

- Checking of the operating parameters and mode of plant operation
- Detailed knowledge of the process-technological condition of the plant
- Process-technological training of personnel
- Assistance in the implementation of immediate action

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