



Rope-aided work at great heights is used for cleaning, testing, inspections and maintenance work

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## Rope-aided cleaning technology



> **BUCHEN EnergyServices GmbH**

Specialist for industrial services  
for conventional power plants  
and incineration plants

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## Alpine specialists as industrial service providers

Alpine specialists are utilized, wherever cranes or scaffolds cannot be used or they are too expensive.

Whether it pertains to the safety cleaning of membrane tube walls, furnace ceilings and manifolds, or cleaning and maintenance work in power plant boiler houses, industrial climbers barely interfere with daily operations. This working method is quick, safe, efficient and cost-effective.



By using the sandblasting method, deposits and incrustation can be removed reliably



Through the use of the rope cleaning technique, it is possible to reach areas which are difficult to access, e.g. power plant furnaces

The cleaning specialists use the so-called rope-aided cleaning technology. This term is used for all rope-aided work carried which is out on structures or buildings that are difficult to access, e.g. radio towers, silos or industrial plants. Each climber is protected by two separately secured

ropes. Our Alpine specialists are experienced and well-trained industrial cleaning experts, who always employ project-specific, special and safe processes, as well as the proper equipment appropriate for the task.

### > Applications:

- Cleaning work in large furnaces, e.g. membrane tube walls, boiler ceilings and manifolds
- Cleaning and maintenance work in power plant boiler houses
- Cleaning and maintenance work in industrial plants, e.g. supporting structure cleaning on/in halls, silo inside and outside cleaning
- Cleaning work in combination with blasting work, e.g. cleaning of coal bunkers or residue material silos
- Facade repair
- Surface technology work and many more

### > Your advantages at a glance:

- Compliance with "Technical Rules for Operational Safety 2121" (Technische Regeln für Betriebssicherheit)
- No scaffolds, cranes, lifting platforms required
- Short response and execution times
- Gentle methods
- Safe working
- Experienced industrial cleaning specialists as industrial climbers