

MCC
International Chemical Cleaning



THE TAILOR MADE SOLUTION

CHEMICAL CLEANING ON LOCATION

CHEMICAL CLEANING IN OUR SERVICE CENTER

SURFACE TREATMENT OF METALS

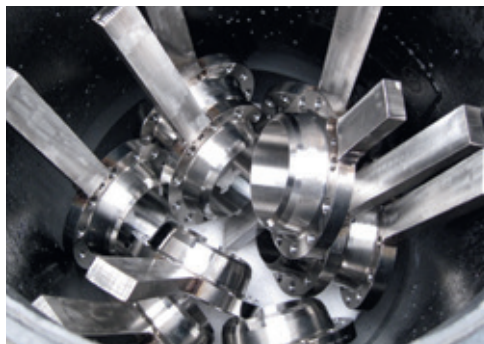
WASTE WATER PROCESSING

INDUSTRIAL CLEANING

OWN REASERCH LAB

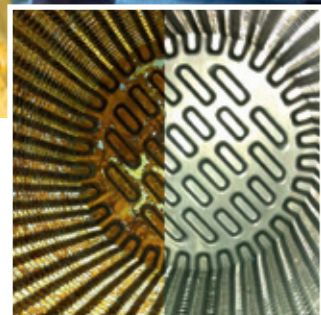
PRE COMMISSIONING

TREATING STORAGE TANKS

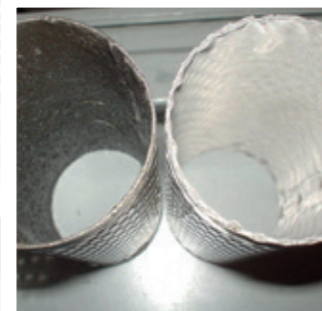




Technical cleaning with chemicals means removing undesirable materials from technical plants by means of chemicals in accordance with quality requirements set in advance.



Before



After

WHAT DO WE SEEK TO ACHIEVE?

- **Restoring or improving** the operation of the device or system
- **Removing** undesirable materials
- **Restoring** surface characteristics



Sludge in pipes

HELPFUL IN OUR WORK ARE

- **Laboratory**= the right procedure and chemicals
- **Technical staff experienced** in using chemicals
- Equipment including pump units, circulation pumps, pipes and tank cleaning heads
- **Measurement instruments** monitoring cleaning progress and surface conditions
- Waste flow disposal and processing in **accordance with HSE standards**

ADVANTAGES

> TECHNICAL CLEANING WITH CHEMICALS



- ✓ There is no need to strip systems, which shortens maintenance downtime.
- ✓ Even poorly accessible and complex plants can be cleaned effortlessly (like hairpin bundles and combinations of rust and grease layers).
- ✓ Preliminary surveys can be performed at an earlier stage. The laboratory examines the samples taken.
- ✓ This type of cleaning stops active corrosion.
- ✓ It makes materials corrosion-resistant, e.g. stainless steel.
- ✓ Reduced water consumption, therefore reduction of the waste flow.
- ✓ Reduced costs and time.

METHODS:

- Chemical cleaning • Industrial cleaning • Foam pigging
- High-voltage unit cleaning • Waste water processing

APPLICATIONS:

- Heat exchangers
- Pipe systems
- Steam boilers
- Cooling water systems
- Storage tanks
- Distillation columns
- Air cooler banks
- High-voltage & low-voltage cabins



The laboratory examines the samples taken



Reduced water consumption



WASTE WATER PROCESSING



THE CLEANING OF PLANTS AND/OR PIPING GENERATES WASTE FLOWS DETRIMENTAL TO THE ENVIRONMENT.

MAINTENANCE & CHEMICAL CLEANING INTERNATIONAL HAS A CONTINUAL CONCERN FOR ENVIRONMENTAL ISSUES, WHILE PROVIDING **SOLUTIONS TO THE CUSTOMER:**

- We use recyclable products
- We use environmentally responsible chemicals with durable effects
- We possess the necessary knowledge and permits
- We transport the waste products
- We process the waste flow officially



WORK SAFETY + SAFE STORAGE AND USE OF CHEMICALS

- We choose and develop the safest procedure for people, installations and the environment
- Prevention of installation deterioration
- We work in accordance with the SCC** (VCA**) safety management system
- Individual protection
- We cordon off the immediate surroundings
- Duty to care for the environment
- Safe storage and use of chemicals
- Toolbox Meeting for executive staff, client and subcontractor



MCC
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*The international
cleaning specialist when and
whenever you need us!
The MCC team.*

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