



Chemical Cleaning

With an unmatched safety record, the most respected team in the industry, innovative solutions, and superior chemistry, we provide the highest quality chemical cleaning and decontamination services available in the industry today.

For plant turnarounds or daily scheduled maintenance projects, our unique team of professional problem solving managers, chemists and engineers will work closely with you to find the right solution to your chemical cleaning and decontamination needs, from the initial planning stages up to the successful completion of your project.

Modern chemical cleaning processes have improved exponentially over the last decade. Lab-engineered enzymes break down corrosive materials, hard water deposits, and oil residue without the use of harsh, toxic chemicals, and new vapor cleaning methods can speed up cleaning time by as much as 75% compared to steam methods.

What Are the Benefits of Chemical Cleaning?

- **Longer equipment lifecycle:** Modern chemicals are tough on corrosion, grease and contaminants without causing surface damage to expensive equipment.
- **More options, better outcomes:** From vapor phase cleaning and foam cleaning to tailored chemical compounds and acid flushes, more options always lead to better client outcomes.
- **Easier on people, easier on the environment:** New chemicals and cleaning processes make environmental compliance easier and keep crews and employees safe from threatening toxins.



MAVIRO

At Maviro, we continue to invest in new technologies and processes to improve safety and efficiency in the workplace.





Chemical Cleaning

Our chemical cleaning services include:

- Acid descaling (pre-operational removal of mill scale or the removal of inorganic process foulant)
- Alkaline degreasing
- Chelant chemistry for iron scale removal (boiler tube cleaning, process piping and equipment pre-operational cleanings)
- Foam cleaning chemistries
- Organic solvent circulation
- Vapour phase cleaning for the removal of VOC's (LEL's), H₂S and pyrophoric iron
- Passivation of steel or stainless steel surfaces

In addition, our specialized equipment can also facilitate:

- Fluid transfers
- Fluid heating
- Fluid filtration
- Pipeline cleaning
- Waste neutralization
- Tank cleaning
- Fin Fan foam cleaning
- Lube oil flushing and filtration

Services performed for:

- | | |
|------------------|--------------------------|
| • Upgraders | • Pipeline and terminals |
| • Gas processing | • Manufacturing |
| • Energy/Utility | • Pulp and Paper |
| • Chemical | • Marine |
| • Steel | • Construction |
| • Refining | • Fabrication |



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Detail-oriented chemical cleaning solutions

