

Chemical Cleaning

In addition to the standard cleaning methods, PRS International offers a broad range of chemical cleaning services for pipelines, process systems in the process industry and power plants. Using solvents and/or surfactant bases cleaning chemicals are more effective than the traditional mechanical cleaning methods.

Chemical cleaning is widely used for commissioning and de-commissioning of pipelines and process plants to increase productivity (throughput) and efficiency, to improve inspections results, to maintain the quality of the product. In pipelines the use solvents and/or surfactant based cleaning chemicals are more effective than the mechanical cleaning using only pigs.

Products

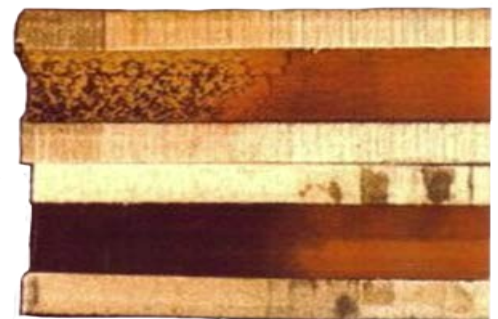
The cleaning method and the necessary chemicals we will use will be providing after analysis of a sample of the pollution in the equipment. The effect of the chemicals on the pollution will be tested in our laboratory. We try always to use environmentally friendly and biodegradable products to minimize the waste costs. Here fore we have partnerships with worldwide well known chemical suppliers.

Pipeline cleaning

- Online cleaning to remove black powder
- Wax/paraffin/asphaltene removal
- De-oiling
- De-rusting
- Inhibitor pig runs
- Pickling and passivation

Deposits provide an environment to promote under-deposit corrosion leading to catastrophic line failures. Deposits reduce cross sectional area of line, increase roughness and greatly reduce efficiency, resulting in higher cost of compression (which lowers energy efficiency).

Advanced chemicals are very effective at removing 'black powder' and paraffin. 'Black powder' is recognized by the gas pipeline industry as the leading cause for loss in line efficiency and reduced quality of analysis of in-line-inspection tools.



Typical pipeline scale and corrosion removal