

PRECISION

Precision Processing services Limited

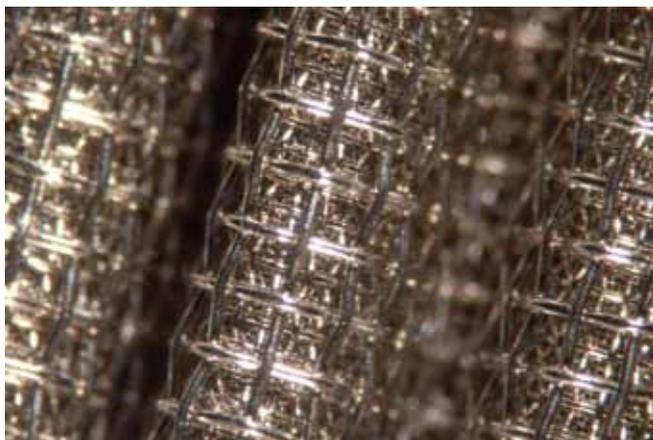
Precision Processing Services Limited (PPSL) has many year's experience in cleaning filters and other process plant used in a wide variety of applications.

PPSL Cleaning Processes

PPSL use a range of procedures to undertake parts cleaning. Each overall process involves a series of process steps which build together to enable the successful refurbishment of the parts. Some of these processes are outlined below.

Chemical Cleaning - can be used uniquely or as part of a multi-stage cleansing process to clean a wide range of components.

The chemicals used vary according to the foreign matter to be cleaned without attacking the part itself. This requires a thorough control of concentration, temperature and time during the chemical cleaning processes. Typical cleaning chemicals are aqueous solutions formulated to PPSL specifications.



High Temperature Oxidation - and carbon removal from depth media is undertaken using a Molten salt Treatment. The parts are placed in the bath of specially formulated salts and heated under carefully controlled conditions. The specific temperature depends upon the contaminant to be removed and the thermal limits of the parts to be cleaned.



Ultrasonic Cleaning - uses high-frequency sound waves to remove a variety of contaminants from parts immersed in aqueous media. The contaminants can be dirt, oil, grease and mould release agents, to name a few. Ultrasonic Cleaning is powerful enough to remove tough contaminants, yet gentle enough not to damage filter media substance. It provides excellent penetration and cleaning in the smallest crevices and between tightly spaced parts in a cleaning tank.

Solvent Cleaning - involves the use of specially formulated solvents. The common solvent cleaning processes use Glycol based solvents and can remove polyester, polyamide, polycarbonate and other material from filters and other components without attacking the parts. This cleaning process is widely used for removing polymers, resins and oils.



Water Washing - involves low pressure washing to provide a mechanical flushing of the parts to remove contamination and to remove cleaning chemicals.

PPSL can advise on the most suitable cleaning process to meet your requirements and undertake trials on your filters or other process equipment to give you the confidence to use our facilities for all your refurbishment needs.

For more information or to find out what PPSL can do for you, please contact PPSL.

