



# ELECTROPOLISHING & MECHANICAL POLISHING



In addition to Astro Pak's heritage of providing passivation, high purity and precision cleaning services, we also offer Mechanical Polishing and Electropolishing. Our surface finishing processes adhere to ASME BPE and ASTM B912 standards, providing optimal Ra (*Roughness Average*) finishes to your equipment, vessels, tanks and systems. Astro Pak's ability to provide Mechanical Polishing and Electropolishing services on-site allows us to help customers with high-purity applications to maintain or improve the surface finish conditions on the interior/exterior of production vessels without the need for revalidation and with minimal downtime. We can also perform these services at many of our nationwide shop locations, along with custom tooling, pick-up and delivery. Our technicians are specially trained for Confined Space Entry (CSE) and abide by strict safety protocols. Whether you are in need of repairing corrosion damage or just looking to improve the cleanability, durability, and appearance of metallic surfaces, Astro Pak provides safe and cost effective solutions custom tailored to address your unique situation.

## BENEFITS OF ELECTROPOLISHING

Electropolishing removes the outer rough layer of metal achieving a microscopically flat, smooth, uniform and featureless surface that helps to:

- ▶ IMPROVE CLEANABILITY
- ▶ ENHANCE DURABILITY
- ▶ IMPROVE STERILITY
- ▶ INCREASE CORROSION RESISTANCE

*before* MP/EP



*after* MP/EP



HIGHLY TRAINED  
PERSONNEL



ADVANCED CHEMISTRY &  
PROCESS TECHNOLOGY



RAPID  
RESPONSE



STATE OF THE ART  
FACILITIES & EQUIPMENT



SUPERIOR  
DOCUMENTATION