



INDUSTRIAL CHEMICAL CLEANING

Astro Pak has been providing industrial / chemical cleaning of process piping, equipment and tanks for over 60 years to a wide range of industries including Aerospace, Mining, Power Generation, Refineries, Petrochemical, Semiconductor, Data Centers, Chemical, Steel, and Concrete Plants, Pulp and Paper Mills. Our pre-operational cleaning processes remove surface contaminants from metal manufacturing, fabrication and installation. Our maintenance cleaning processes remove scale, fouling due to plant operations, restores flow capacity, heat transfer efficiency, equipment reliability and product quality. Astro Pak provides unique solutions that minimizes hazards, ensures a safe work environment, reduces downtime, waste volume and overall cost. We facilitate client operations by offering both on-site and shop services that ensures contact surfaces meet service standards and specifications.

CAPABILITIES

- ▶ DEROUING, DESCALING, PICKLING & PASSIVATION
- ▶ MILL SCALE, OIL, & GREASE REMOVAL
- ▶ OXYGEN CLEANING
- ▶ NEUTRALIZATION & PURGING
- ▶ DRYING TO DEW POINT
- ▶ HIGH VELOCITY OIL FLUSHING
- ▶ PIPELINE PIGGING
- ▶ CHLORINATION, DISINFECTION & SANITIZATION
- ▶ HYDROSTATIC & PNEUMATIC TESTING
- ▶ MEDIA BLASTING

SYSTEMS & EQUIPMENT

- ▶ HIGH PURITY / LIQUIFIED GAS SYSTEMS
- ▶ CRYOGENIC SYSTEMS
- ▶ OXYGEN & OZONE SYSTEMS
- ▶ INDUSTRIAL / CHILLED WATER SYSTEMS
- ▶ WATER / WASTEWATER SYSTEMS
- ▶ POWER & PROCESS STEAM BOILERS
- ▶ HEAT EXCHANGERS & JACKETED VESSELS
- ▶ ABSORBER / STRIPPER, DISTILLATION COLUMNS
- ▶ LUBE / SEAL & HYDRAULIC OIL PIPING
- ▶ CARBON STEEL, STAINLESS STEEL & ALLOYS



**HIGHLY TRAINED
PERSONNEL**



**ADVANCED CHEMISTRY &
PROCESS TECHNOLOGY**



**RAPID
RESPONSE**



**STATE OF THE ART
FACILITIES & EQUIPMENT**



**SUPERIOR
DOCUMENTATION**