

HELIUM CONTAINERS

Retest. Repair. Rehab.

VACUUM AND INSPECTION

- Incoming Vacuum Reading
- Vacuum Reading on main tank
- Vacuum Reading on VJ lines
- Recondition Vacuum on VJ Lines
- Rebuild pump outs with new soft parts
- Rebuild evacuation valves - new soft parts
- Replace o-ring on lift plate
- Prelim mass spec - main vessel and VJ lines (repair as needed)
- Re-establish vacuum as needed, main vessel and VJ
- Mass spec all vacuum repairs
- Warm vacuum retention test
- Vacuum logs for main tank and VJ lines



STANDARD REHAB PROCESS

- Remove all panels and doors
- Remove gauge panels
- Diverter valve - Safeties - Burst Discs removed
- Install new drip pans, as required
- T1 Beams, ISO Blocks, Angles inspected and replaced as needed
- 4" x 4" structural beams replaced as needed
- Remove/replace gauge mounts
- VJ and Nitrogen piping sand blasted
- Rebuild Diverter valve with new soft parts
- Clean Purge panels, inspect valves and replace as needed
- Rebuild all process piping valves with new soft parts
- Remove nitrogen float can, clean and mass spec, repair as needed, install new safeties
- Install new valve ID tags
- New document holders
- Remove all tubing
- Re-certify safeties
- Tubing to front gauge removed and all clamps cleaned or replaced
- Fabricate new aluminum panels and doors, provide and install all new hardware
- Rebuild all pressure regulators
- Replace pressure gauges as needed, rebuild liquid level gauges and install new tubing, inspect gauge valves and replace as needed
- Move horizontal lift plates to vertical
- Re-install nitrogen piping, new burst disk and re-certified safeties
- Install new panels and doors after paint
- Install Decals (customer supplied)
- ISO Dimension Check per ISO Standard 668
- Install Telemetry if required

SERVICE OFFERINGS

- LHe ISO Container Rehab
- LHe ISO Container Repair (Quick & Extended)
- LHe ISO Container Re-test
- Accurate Tare Weights (in-house)
- LN2 Top-Off
- Port Prep Checklist
- Helium Gas Pressurization for Cold Container
- Safety Re-certification
- CSC/ABS/Third Party Inspection

ACME'S ADVANTAGES

- Service all container makes and models
- 30+ years repairing, rehabbing and re-testing LHe ISO containers
- High quality workmanship
- Fast turnaround
- Competitive pricing
- Conveniently located off I-78 in Allentown, PA (90 minutes from the Port of Newark, NJ)

