



# Cryodynamics® Pump and Expander Repairs

*Servicing cryogenic pumps and cryogenic liquid expanders  
to achieve optimum performance*

When your Cryodynamics® pumps and expanders require repairs, it is imperative that your service center has experienced personnel and proven processes to perform the highest quality and most reliable repairs.

Elliott's Cryodynamic Products service center, located in New Orleans, Louisiana, has the required expertise, qualified technicians, effective procedures, and proper tools to repair all of your cryogenic pumps and cryogenic liquid expanders to meet performance requirements.



## Proven Repair Process

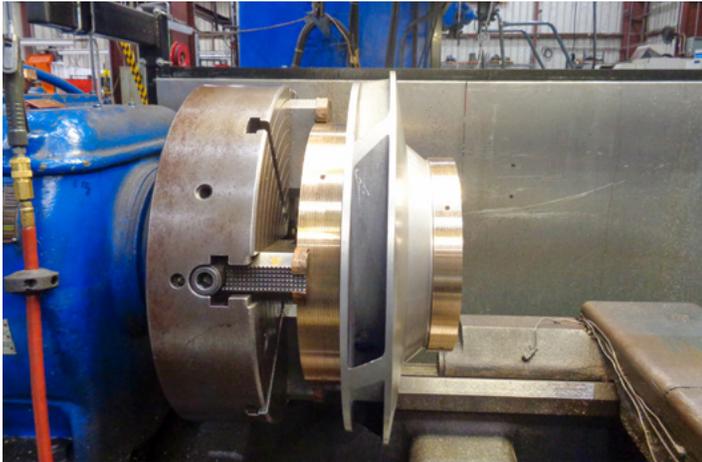
Prior to any repair, our technicians thoroughly inspect each Cryodynamics pump and expander. The equipment is disassembled, cleaned, and inspected to diagnose any issues and determine the required scope of work. The service center team routinely performs dimensional inspections, mechanical runouts, and non-destructive tests (NDTs) on specific components. They also complete comprehensive electrical tests on the stator and motor armature, as well as cryogenic temperature inspections on the shaft assembly. This includes growler testing to determine if there is discontinuity of the motor bars.

Upon reviewing inspection results, the team follows our proven processes and procedures to repair the cryogenic equipment. Once complete, the service center balances the shaft rotor and impellers, reassembles the equipment, records final clearances, purges the unit with nitrogen to prevent moisture from entering the equipment during transportation, and safely packages the equipment for final shipment.

Our service center team is dedicated to completing all repairs as quickly as possible, and will work around the clock when necessary to minimize downtime.

## Highest Quality Standards

Our service center upholds the highest quality standards for inspections and repairs. All cryogenic pumps and cryogenic liquid expanders are repaired by qualified mechanics and technicians who have the necessary training and experience to work on your equipment. They use proven repair methods and techniques. They also only use genuine, Elliott-certified parts for all repairs. This provides the added assurance that your equipment was repaired with the most reliable components, and will meet your performance standards.



Turn to Elliott's service center in New Orleans for all of your cryogenic pump and expander repairs. They have the right people with the necessary experience and commitment to quality to ensure that your cryogenic pumps and expanders operate at peak performance after your equipment is repaired and returned to your facility.

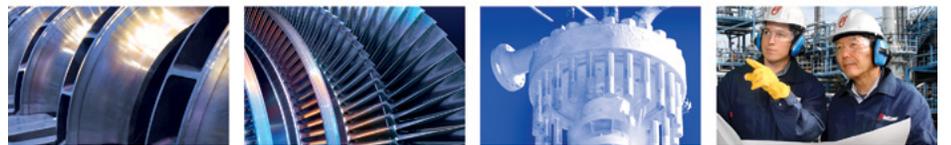
Contact us today to learn more. Complete our online form to request more information:

[elliott-turbo.com/aftermarketservices](http://elliott-turbo.com/aftermarketservices)



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