



USA

# Hidrostal USA Testing Facilities

Pumps can be tested to various industry standards including Hydraulic Institute and ISO to meet all customer specified requirements.





Test facilities Hidrosta LLC U.S.

The test facilities are available for new Hidrosta pumps, maintained or repaired ones, as well as for pumps from other manufacturers.



# Customer Service in Mind

In Hidrosta's long development history of over 60 years, our Engineers have always worked closely together with customers and operators to develop innovative products and technologies that optimize the life cycle, reliability and performance of equipment. Hidrosta is your worldwide, competent partner for reliable solutions of all kinds of conveying tasks.

Various testing facilities integrated into our production sites and tailored to the corresponding pump type ensure that our products meet or exceed customer expectations. Verification and confirmation of both hydraulic and mechanical performance guarantee safe and reliable operation.

Extensive test programs, tailored to each pump ensures the mechanical integrity of complete systems and makes sure that the pump leaves the factory in perfect ready-to-operate condition. These test programs typically include a complete, practical test run under the conditions agreed when ordering. Here are starting, measuring mechanical and hydraulic power as soon as stable operating temperatures have been set, variable speed ranges, shutdown, etc. included.

Pumps can be tested to various industry standards including ANSI/HI (Hydraulic Institute) 11.6, and ISO 9906. Hidrosta instrumentation is calibrated on a regular schedule. Factory testing is also available in Switzerland, Peru, United Kingdom and China.

## Types of Testing Available

- Performance
- Multi-Speed
- Reduced Speed
- NPSHr
- Vibration
- Sound

## Instrumentation

- Pressure Transducers
- Magnetic Flow Meters
- Torque Meters
- Power Meter
- Vibration Analyzer
- Noise Meter
- Infrared Thermometer



# Test Facility Capabilities

Factory	Aurora
Country	USA
Number of Test Setups	Four
Max Flow	16,000gpm
Max Pressure	250ft
Max Horsepower	400HP
Max VFD	400HP
Max Discharge Size	Up to 20 inches
Voltages	230V, 460V, 575V
Max Lift Crane Capacity	5 Ton
Supply Tank	21,000 gallons



# Hidrostal Pumps

Make a quick and accurate pump selection:  
[www.hidrostal.com/pumpselector.php](http://www.hidrostal.com/pumpselector.php)



Due to their outstanding characteristics, Hidrostal pumps are used in numerous municipal and industrial sectors all around the world. Our pumps are custom-made and are specially tailored to the needs of each location. Our specialists select the suitable material combinations and individually adapt every pump to the local conditions. We ensure with this process that Hidrostal pumps are successful in difficult applications and achieve the best results with respect to performance, energy efficiency and low life-cycle costs.

- clog-free pumping
- high suction capacity
- gentle delivery due to low shear forces
- high efficiency
- stable, steep pump curve
- long service life
- low pulsation
- continuous flow proportional to the speed
- high pressure stability across a wide speed range

