



COMPRESSOR PERFORMANCE CERTIFICATION PROGRAM (CP)²

Centralia, Washington

Rogers Machinery Company, Inc. has designed and built a testing facility in our Centralia, Washington production plant that measures and verifies the performance of air compressor assemblies from 10 through 500 horsepower.

The U.S. Department of Energy has identified Compressed Air Systems as a unique area of opportunity for energy savings. Rogers Machinery has been involved in improving plant operations and efficiency through innovative products and studies since its foundation in 1949. With extensive field data acquisition, our experienced team of Compressed Air System Auditors model the most efficient system upgrades. Back at the factory, the Engineering and Production staff design, manufacture, then confirm the machinery will meet the required specifications.

The testing program is called, "Compressor Performance Certification Program." This program includes functional testing, power consumption and flow performance verification. Each K, KV, KR, KRV, K2, K2V, KR2 and KR2V Series rotary screw compressor manufactured by Rogers Machinery Company, Inc. is tested to verify that the compressor assembly performs as specified.

Functional testing is performed by observing the performance of electronic and pneumatic controls, mechanical and safety shutdown devices throughout the compressor's operating range to ensure the customer gets the highest quality product.

Total package power and optional cooling fan power are measured throughout the test. The test data is compared to catalog values to verify that the power consumption is within the specified range in accordance with ISO 1217 (Annex C or E). Acceptance Test Code for Electrically Driven Packaged Displacement Air Compressors.

Flow is measured according to ISO 9300:2005(E), Measurement of gas flow by means of critical flow Venturi nozzles. Test results are computed per ISO 1217 (Annex C or E) and compared to catalog values. ISO 1217 (Annex C or E) is the governing standard for the CAGI Performance Verification Program.

The Compressor Performance Certification Program's procedures and equipment have been validated and certified by an independent engineering and testing firm. Calibration is done on a prescribed basis to maintain the accuracy and certification of the system.

Additional information is available by request. Please contact us with any questions regarding our products, capabilities and commitment to support our full line of compressed air equipment.



**ROGERS
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Other Locations: Portland and Eugene, OR | Seattle, Centralia and Spokane, WA
 Eureka and San Jose, CA | Boise, ID | Salt Lake City, UT | Houston, TX