

Russian Federation Approves FCI Flow Meters and Switches for Hazardous Use

Oil/Gas, Chemical, Electric Power, Pulp/Paper, Steel, Waste Water



San Marcos, CA

Fluid Components International (FCI) has received full certification from the Russian Federation to import its rugged, precision mass flow meters and mass flow/level/temperature switches into the Russian Federation.

FCI's manufacturing and calibration facilities have been inspected and approved for GOST R applications (GOST Russian Certification of Conformity). They have been found to be fully in compliance with Russian standards, resulting in the GOST R approval for the MT Series, GF Series and the ST98 Series thermal mass flow meters. From the Gosgortekhnadzor Russia, also called RTN (formerly GGTR R), FCI's flow meters and flow switches have been approved for use in hazardous areas. With their no-moving parts design, FCI's flow instruments have a global reputation for precision performance with high reliability and safety in hazardous industries, including oil/gas, chemical, electric power, pulp/paper, steel, waste water and many others.

Both the GOST R and the RTN approvals are required for importing flow instruments and their use in hazardous areas of the Russian Federation. These approvals are also well recognized and accepted in other countries in the same region, such as Republic of Kazakhstan, Ukraine Republic and Republic of Tartarstan.

The process of obtaining the Russian approvals was initiated and supported by FCI's manufacturers' distributor, Promtex ZAO, operating from Moscow and responsible for FCI sales and service in this region. The firm maintains a well-trained staff, which offers technical expertise in flow measurement and switching instruments.

Flow meters from FCI are available with either thermal dispersion or Coriolis mass flow sensors. FCI's advanced flow meters combine precision flow measurement accuracy with a rugged design that is compatible with caustic, corrosive, humid and high temperature environments. They are highly reliable, easy to install, require virtually no maintenance and are designed for long-life.

FCI flow switches feature an advanced no-moving parts thermal dispersion flow sensor that makes them ideal for a wide range of point-level applications. Their versatile design also allows them to measure flow or level or temperature. The company's NuTec® flow switch is designed with a unique non-contacting flow element that completely separates the sensor from the process media, which makes it ideal in sanitary flow processes common to the food/beverage and pharmaceutical industries.

FCI calibrates its own flow instruments and operates one of the industry's leading flow calibration laboratories. All laboratory equipment is National Institute of Standards (NIST) traceable, as well as certified to ISO 9001:2000 and AS9000 compliant. The laboratory also meets MIL-STD-45662A and ANSI/NCSL-Z-540 requirements.

For more than 40 years, FCI has been a pioneer in the development of thermal dispersion sensors and more recently Coriolis sensors for direct mass flow measurement in a variety of media. The company's advanced technologies include mechanical design, advanced materials, metallurgy, electronics, communications and more.

Fluid Components International is a global company committed to meeting the needs of its customers through innovative solutions to the most challenging requirements for sensing, measuring and controlling flow and level of air, gases and liquids.