

Updated 27 March, 2020

Essential Critical Infrastructure Offerings*

According to the U.S. Department of Homeland Security Cybersecurity & Infrastructure Security Agency, "functioning critical infrastructure is imperative during the response to the COVID-19 emergency for both public health and safety as well as community well-being. Certain critical infrastructure industries have a special responsibility in these times to continue operations."

CoorsTek business and manufacturing is considered essential according to the guidelines issued by the Department of Homeland Security, Cybersecurity & Infrastructure Security Agency. <https://www.cisa.gov/publication/guidance-essential-critical-infrastructure-workforce>

In addition, several of our customers (LAM, AMAT, Bloom, Whirlpool, USI, etc.) have declared they are critical manufacturers and have identified CoorsTek as a critical supplier.

Semiconductor Processing Equipment

www.CoorsTek.com/Semiconductor-Fabrication

Industries: Semiconductor for medical, information technology, telecommunications and internet, aerospace, energy, transportation

Overview: Front End semiconductor manufacturing equipment is critical to the production of semiconductor processing chips that enable computers, cell phones, communications devices, medical equipment, transportation infrastructure, utility infrastructure, and virtually all other modern technologies

Manufacturing locations: - **US:** Worcester, MA; Oak Ridge, TN; Vista, CA; Hillsboro, OR
- **Outside US:** Glenrothes, Scotland; Gumi, Korea; Japan (Tokuyama, Nagasaki, Oguni, Hadano)

Electronic Substrates

www.CoorsTek.com/Thick-Film (Thick-Film Substrates)

www.CoorsTek.com/Thin-Film (Thin-Film Substrates)

Industries: Electronics for medical, industrial, household, aerospace, transportation, information technology

Overview: Electronic substrates are essential elements of electronic packaging (circuit boards) that provide interconnections on electronic circuits. These necessary components are used in all electronics, including computers, telecom equipment and medical devices such as respirators and disposable thermometers.

Manufacturing locations: - **US:** Clear Creek Valley Plant (Golden, CO), Grand Junction, Colorado
- **Outside US:** Glenrothes, Scotland

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Vacuum Interrupter and Precipitator Components

www.CoorsTek.com/Vacuum-Interrupters

Industry: Utilities

Overview: Vacuum interrupter and precipitator components are crucial components for power grids and operations. Widely used in power generation, power distribution, and industrial plants, vacuum interrupters are a core component of medium to high voltage circuit breakers.

Manufacturing location: Golden, CO (TMC East, 9th Street)

Medical Pump Components

www.CoorsTek.com/Medical-Pump-Components

Industry: Medical/Healthcare

Overview: CoorsTek medical pump components (piston and sleeve sets) are used in piston, centrifugal, syringe, rotary and several other medical pumping technologies. These essential components are biocompatible and enable reliable, consistent dosing and other pump functions.

Manufacturing location: Golden, CO (TMC North)

X-Ray Tubes and Assemblies

www.CoorsTek.com/Xray-Tubes

Industry: Medical/Healthcare

Overview: CoorsTek provides essential metallized components for medical x-ray imaging applications.

Manufacturing location: Golden, CO (TMC East)

Electrosurgical Device Components

www.CoorsTek.com/Electrosurgical-Components

Industry: Medical

Overview: CoorsTek manufactures a wide variety of components for the medical device industry, including biocompatible surgical device tips for ablation, cauterizing, laparoscopy.

Manufacturing locations: Golden, CO (TMC North); Grand Junction, CO

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GPS Antenna Components

www.CoorsTek.com/Antenna-Components

Industries: Aerospace, communications

Overview: CoorsTek GPS antenna components are essential for on-board navigation and communication systems in aerospace applications including altimeters, GPS, and Traffic Avoidance Collision Systems (TCAS). These components are also used to enable broadband WIFI. Major airliners have up to 35 antennas per aircraft.

Manufacturing location: Golden, CO (CCVP, TMC North, CCAM)

Cerbec® Bearing Elements

www.CoorsTek.com/Cerbec-Bearing-Elements

Industries: Aerospace, transportation, medical, energy, industrial machinery and equipment

Overview: Cerbec® silicon nitride bearing elements enable critical-to-function medical, utility, aerospace, machinery and equipment flight control components, wind turbines, machinery and equipment, medical drills, airplane wing flaps, and more.

Manufacturing locations: - **US:** East Granby, CT
- **Outside US:** Robertsfors, Sweden

Aerospace & Defense Equipment

www.CoorsTek.com/Aerospace

Industries: Aerospace, defense

Overview: CoorsTek manufactures a wide array of specialized components essential to the operations of the U.S. Department of Defense and U.S. allies, including armor, aerospace and aviation, and optical components for sensing and imaging.

Manufacturing locations: Hillsboro, OR; Benton, Arkansas; Vista, CA; Golden, CO (TMC East, TMC North, 9th Street)

Seal Rings

www.CoorsTek.com/Seal-Components

Industries: Aerospace, transportation, energy production (oil and gas)

Overview: Hard face seal components are critical to fluid management operations in several different industries.

Manufacturing location: Benton, AR

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Igniters

www.CoorsTek.com/Igniters

Industries: Household, industrial

Overview: CoorsTek igniters are essential household components for: gas heating systems (furnaces and boilers), ovens/ranges and dryers.

Manufacturing locations: - **US:** Milford, NH;
- **Outside US:** San Luis Potosi, Mexico

Sensor Components

www.CoorsTek.com/Automotive-Sensors

Industry: Transportation

Overview: Technical ceramic sensor components are crucial elements in fluid, pressure, temperature, heating and cooling, and proximity sensing in automotive and trucking applications.

Manufacturing locations: - **US:** Golden, CO (CCVP)
- **Outside US:** Uden, Netherlands

Pump, Valve and Pulsation Components for Energy Production

www.CoorsTek.com/Pump-Products

Industry: Oil and Gas

Overview: Pump, valve, and pulsation components are mission critical for energy production operations.

Manufacturing location: - **US:** Oklahoma City, OK; Odessa, TX
- **Outside US:** New Mills, England

FlowRite™ Foundry Filters

www.CoorsTek.com/Foundry-Filters

Industry: Automotive/Transportation, Machinery & Equipment, Household & Others

Overview: Foundry filters for the effective removal of impurities in metal including. Used by metal casters worldwide in applications ranging from automotive chassis, aluminum, and cast iron products.

Manufacturing location: - **Outside US:** Paris, ON

**Examples only. Not intended as a comprehensive list.*

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