

FMC Fluid Control



Stephenville, Texas manufacturing operation and offices

Mission: Become our customers' most valued supplier by exceeding their expectations.

Physical plant

FMC Fluid Control Division's Stephenville, Texas plant manufactures precision swivels, valves, fittings, pumps, and manifolds for oilfield and industrial markets worldwide. Constructed in 1980 and expanded in 1984, 1987, and 1996, the Stephenville operation occupies a 44-acre site and comprises 220,000 square feet of manufacturing capacity and 48,000 square feet of customer service, production support, and engineering offices. This modern facility utilizes the latest in computer numerically controlled

(CNC) machining centers, production planning systems, computer aided design/computer aided manufacturing (CAD/CAM) systems and order and distribution systems. Stephenville's quality systems have been approved to the ISO 9001 standard since 1989.

FMC Fluid Control's Stephenville plant employs over

450 manufacturing and support personnel and contributes significantly to the local economy through taxes, payroll, local purchases, voluntary contributions, and membership in local organizations.



STEPHENVILLE

FMC



FMC's Stephenville plant delivers a complete range of fluid control products, manifold systems, pumps, and pressure relief valves to customers worldwide.

Product and Markets

A broad range of quality products are produced in the Stephenville facility, including:

- Chiksan® swivel joints
- Chiksan® cementing and circulating hoses
- Chiksan® mud mixing guns
- Weco® wing unions
- Weco® butterfly valves
- Weco® actuators
- Weco® plug valves
- Weco® pup joints
- Dynetor® connectors
- FMC plunger pumps
- Bean® piston pumps
- Crosby pressure relief valves

FMC Manifold Systems Products, including:

- Ball valves
- Check valves
- Poppet diverter valves
- Ball Diverter valves
- Throttle Ball valves

The products are sold to a wide variety of oilfield and industrial customers worldwide. These customers include oilfield service companies, OEMs, engineering and construction companies, mining companies, drilling companies, distributors, and others. With a worldwide sales and marketing team and distribution network, Fluid Control finished products are stocked in various domestic and international locations for immediate delivery to customers.

Production Capabilities

FMC Fluid Control's Stephenville facility produces high-quality precision equipment using advanced manufacturing techniques. The Stephenville manufacturing systems are designed for high-volume efficient product flows with cellular manufacturing concepts employed. These systems allow for continuous improvements in

throughputs and for rapid response to changes in product mix or customer requirements. All of the major machine tools are CNC and many feature advanced tool capabilities. These include machining centers, horizontal and vertical lathes, transfer machines, and robots. Top attention is given to employee health and safety. Environmentally safe systems and practices are utilized together with extensive recycling efforts.

Quality Systems

FMC Fluid Control's Stephenville facility achieved ISO 9001 approval in 1989 through the implementation of a total quality assurance process which includes a total commitment to quality and extensive employee education. This rigorous process also includes:

- Quality planning
- Corrective action processes
- Process and product inspections
- Material auditing and traceability
- Participative quality improvement teams
- Cost of quality reporting

Specific measurement and testing capabilities include:

- Hydrostatic testing
- Nondestructive material testing (MPI)
- Coordinate measuring machine
- Pump efficiency testing
- Optical flatness
- Material properties testing

Each employee receives extensive training in FMC Fluid Control quality systems and procedures. Quality is defined by meeting requirements, and a "do it right the first time" attitude is shared by each employee.

Engineering Capabilities

Product and manufacturing engineering operate using the latest in CAD/CAM systems. These systems and capabilities are geared to improve new

product introduction times and speed product enhancements. Product engineering has a staff of engineers to assist customers in special applications of Fluid Control products and to refine, enhance, and expand the products being manufactured. Specific areas of expertise within the engineering staff include:

- CAD/CAM and simultaneous engineering
- Stress analysis and design codes
- Fluid mechanics
- Material selection and fluid compatibility
- Fracture analysis

Customer Services

Stephenville processes a large volume of customer orders, quotations, and inquiries every day through a trained and dedicated staff of customer service assistants. Advanced order management and material planning systems are used to achieve the best opportunity of meeting customer delivery expectations. Global inventory locations can be accessed from Stephenville and utilized to meet customer demands.

To achieve the stated mission, FMC Fluid Control recognizes that serving customers is the responsibility of each and every employee. Through the shared value of serving customers and through empowering every employee to better serve the customer, FMC Fluid Control's Stephenville plant is achieving the mission.

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