



FIELD JOINT COATING

Specialists in pipeline internal field joint coating



In addition to its office in Tulsa, Oklahoma, CRTS Global has offices in Texas, the United Kingdom and in Saudi Arabia. The Company has performed work in the United States, Central America, South America, Asia, Europe, Africa and the Middle East.

For more than 30 years, CRTS Global has been the innovator in coating application technology and has pioneered the field application of fusion bonded epoxy (FBE) and liquid epoxy to the internal diameter of the field joint and cutback margin. Each piece of robotic equipment has live video feedback for real time observation by our specially-trained field technicians. This technology is used at each active jobsite for all projects. The cleaning and coating process represents decades of CRTS Global research, testing and field application.

CRTS Global provides corrosion control by performing an internal cleaning, coating and inspection regimen on each cutback and field joint on new construction pipelines. Currently, our robotic equipment can operate in pipe diameters ranging from 8 inches (.500 WT) to 60+ inches.

Field Services

CRTS Global specializes in the application of FBE or liquid epoxy to field joints with its patented robotic cleaning, coating and inspection system. To date, CRTS Global has coated more than two million field joints at onshore and offshore locations throughout the world. All of our robotic equipment has live video feeds to accurately ascertain exactly where the equipment is located in the pipe string. CRTS Global also offers patented robotic inspection of our internally coated field joints with a proprietary inspection robot capable of taking dry film thickness readings (DFT) of applied materials, and a high voltage holiday inspection of both the cutback margin and weld bead to ensure a 100%, defect-free product.

- Robotic internal field joint coating
- Shrink sleeve application
- Inhibitor application on stockpiled pipe inventory
- Fixed or portable double joint rack internal field joint coating
- Robotic internal pipeline video inspection
- Robotic internal coating thickness measurement and holiday detection
- Robotic laser scanning of internal weld profile to determine weld coatability

Engineering Services

CRTS Global is a respected pioneer in the development of rebar and coating plant technology and equipment. Engineering and technology services worldwide include:

- Design and construction of rebar and pipe coating plants
- Design and construction of powder transport systems



CRTS Global LLC

1807 North 170th
 East Avenue Tulsa,
 OK 74116, USA
 +1-918-877-5210

CRTS Global Chile SpA

Rut: 76.715.185-3
 Francisco Canton No. 450.
 Rancagua, Chile
 Codigo Postal 2820000

CRTS Global M.E. FZE

Office 205-206 Building A1, Dubai
 Digital Park, Dubai Silicon Oasis
 PO Box: 440136
 Dubai, United Arab Emirates
 +971-4-326-3120

CRTS Global Saudi Arabia

Al Tuwairqi Tower, Building N° 8145, 14th floor,
 Zip Code: 8145, Al Khobar -
 Kingdom of Saudi Arabia
 +966-13-820-0075