



PIPELINES & TERMINALS

Supporting distribution terminal and pipeline maintenance projects



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The Challenges of Pipeline and Terminal Projects

The oil and gas industry depends on pipelines and distribution terminals to transport and store its valuable products. To do so effectively, these critical assets must be designed, constructed and operated in ways that promote maximum uptime, efficiency and safety. Environmental and Department of Transportation (DOT) compliance and fluctuating market conditions are among the many issues that add to project complexity.

Brinderson professionals understand the challenges associated with pipelines and terminals. We have more than 30 years of experience in engineering, design, construction and project management for these projects. With longstanding relationships with many of the world's largest oil and gas companies, our work is currently concentrated in the United States.

Integrated, Multidisciplinary Services

At Brinderson, we use our proven processes and depth of experience to help midstream energy companies successfully navigate pipeline and terminal projects. Whether you need help with designing and installing underground pipes or relocating an entire terminal, we have the integrated, multidisciplinary services needed to support the project from conception to completion. Our services include:

- Project management
- Engineering and design
- Studies
- Scheduling and estimating
- Procurement
- Field services
- Construction
- Construction management
- Turnkey design-build

Craft Personnel Who Specialize in Pipelines and Terminals

Our staff includes more than 200 engineering and project management professionals in addition to craft personnel with the credentials and specialized experience needed for these specialized projects. Our direct-hire craft employees include:

- Civil services for excavation and foundations
- Mechanical, welding and pipefitting
- Electrical and instrumentation services

World-Class Safety Performance

Brinderson's award-winning safety program is based on the premise that all incidents can be prevented. By systematically identifying and eliminating potential hazards from the workplace, strictly enforcing safety procedures and continuously monitoring safety performance, we have achieved total incident rates that are among the lowest in the industry. We have maintained this world-class safety performance for more than a decade, even with our workload more than doubling in recent years. For pipeline work, Brinderson has crews available that are trained in accordance with DOT operator qualification (OQ) training requirements.

A Broad Range of Project Experience

Pipelines must often be designed to cross wetlands, mountains and other difficult terrain. Terminal owners face issues with secondary containment and process safety. With both large and small projects, our portfolio includes new construction, turnarounds, maintenance activities and planned shutdown replacement activities on a wide range of projects, including:

- Distribution terminal capital projects at truck, rail, aviation and marine facilities
- Multidisciplinary projects including civil, piping, mechanical, electrical and instrumentation work
- Pipeline stations for liquid fuels
- Vapor recovery systems
- Truck loading rack modifications
- PLCs, DCS, SCADA and other control systems
- Pipeline hydrotesting
- Assisting with MFL tool runs (smart pipe runs)
- Pipeline anomaly repairs and line reconditioning
- Above and underground storage tank management, including support for API 653 inspection projects, tank isolation, associated piping, gauging systems, site work, drain lines and instrumentation
- Installation of equipment modules/skids
- Automation, power centers, substations, power distribution, emergency backup and other electrical projects

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