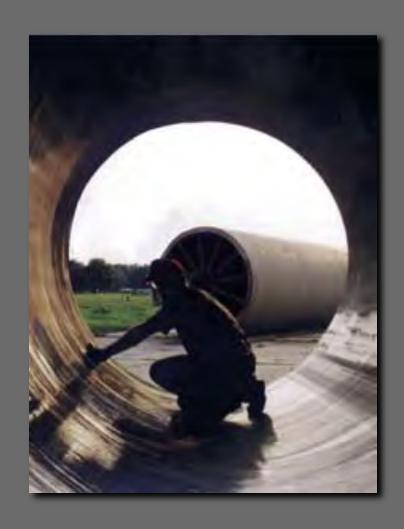
BEETLEPLASTICS

Engineered and delivered right, on time.









An Introduction to Beetle Plastics

Beetle Plastics

- Designs and manufactures custom engineered FRP composite pipe, ductwork, tanks, vessels and other equipment
- Cooling towers, process, power, and other applications
- Also provides inspection, installation and repair services.



Beetle Plastics

- Founded in the 1950's as a boat and canoe manufacturer
- Subsidiary of Midwest Towers, Inc.
- Headquarters and main plant, Ardmore, OK
- Nationwide network of sales offices and representatives



Three major goals of every Beetle Plastics job:

- Meet or exceed specifications provided by you, our customer
- Exceed your expectations for quality engineering and timely delivery
- Offer you the best-engineered value

Our Mission

- Technical expertise, integrity, value.
- "Old fashioned" customer service using the latest technology and our long experience to exceed your expectations.
- Maintain the highest level of integrity with our vendors, our customers and among ourselves.
- Deliver outstanding quality and the best engineered value in all our products and services.



Beetle's thermoset resin products:

- Polyester—for light corrosives and fumes
- Vinyl ester—for strong acids and chlorine
- Novolac VE—for high temperature corrosives
- Epoxy—for caustics and general use

Beetle Plastics Products & Services

- Cooling Tower Piping
- FRP Piping & Ductwork
- Tanks & Vessels
- Engineering Services
- Field Services





- Fiberglass reinforced composite piping for cooling tower headers, circulating water lines, inlet water systems, or overflow lines.
- Recognized as the standard of the industry.
- We know cooling towers so we can meet your cooling tower requirements.

- FRP composite, ideally suited for tough cooling tower duty.
- Available in diameters up to 14 feet, lengths to 60 feet.
- "O-Ring" joints available on any pipe diameter and provide the perfect joint method for expansion needed in cooling tower piping systems.

Our Specialists offer:

- Engineering support for your design alternatives, span requirements or seismic considerations.
- Immediate response.
- Extensive inventory of stocked parts.
- Field service crews who understand the critical elements of cooling tower piping.
- Competitive pricing.





- Diameters from 1/2 inch to 14 feet
- Full vacuum and pressure services
- Filament wound or contact molded
- Wide variety of joints available
- Full range of fittings and connections
- Standard materials or custom formulations including abrasion resistant composites
- Round or rectangular ducting
- Full design and engineering support



- Abrasion resistant composites
 - Beetle conducted some of the earliest work in the late 1960's
 - 3 significant fabrication techniques influence final abrasion resistance
 - Type of resin
 - Type of reinforcement
 - Armoring modifier

- Abrasion resistant composites
 - 10X greater service life than non-modified laminates
 - For more information, download our Abrasion Resistant Pipe & Duct flyer

Make Beetle an integral partner in your design team:

- FRP piping and ducting will exactly meet your specifications and requirements.
- Special installation considerations are planned instead of site adjusted.
- Site access problems are solved in advance instead of fixed in the field.
- Your installation will be installed easier and work better



Tanks & Vessels







Tanks & Vessels

- Standard diameters up to 14 feet, with heights as required
- Custom diameters available
- Standard materials or custom formulations

Tanks & Vessels

- Design assistance available.
- Manufacture and installation of the internals by Beetle; or customer installation after delivery.
- Complete specifications tailored to meet your precise needs.
- Every project is a custom project.



Engineering & Field Services







Engineering Services

- Beetle's engineers have the experience, the skills and the knowledge, to help you with virtually any project related to FRP.
- Enlist Beetle's engineers to serve as an integral component of your design team.
- Let them help establish early design parameters and performance considerations.
- Rely on them to recommend and design the appropriate FRP products to meet your needs.



Field Services

- Procurement assistance
- Anchors, guides and support systems
- Maintenance inspections
- Repair and installation services with HAZWOP certified personnel
- Equipment rebuilding
- On-site modifications



Desalination: Bahrain power plant transfers cooling water and desalination water.





Power generation: Abrasion resistant piping, limestone slurry scrubber system.





Abrasion resistant piping: in the factory and ready to ship





Pharmaceutical: Fume transfer ductwork (electrically conductive)







Power generation: power plant, cooling water transfer system.







Cooling Towers: Hyperbolic cooling tower, water distribution headers.







Sewer re-lining project with limited access



Chemical Plant: 10" diameter supply distribution header





Chemical storage: 24" diameter pressure vessel.



Oily waste storage: 8' diameter vessel.



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