

PAK/TEEM, INC.

Process Mechanical Engineering

Our Process Mechanical engineering group provides clients with a broad array of services. This group gets involved with the design and specification of equipment and systems used to manufacture, store and convey bulk materials. By becoming tightly integrated with our clients' project teams, we provide valuable input from process definition through start-up in a timely and cost-effective manner.

Technologies

- Dry Material Handling
 - Storage and mass flow vessels
 - Bulk loading and unloading systems
 - Mechanical conveying
 - Pneumatic conveying
 - Blending and particle sizing
- Liquids Handling
 - Bulk storage and transfer
 - Metering and mixing systems - volumetric and gravimetric
 - Sanitary and clean-in-place designs
- Industrial Ventilation
 - HVAC
 - Local exhaust
 - Central vacuum cleaning
- Plant Utilities
 - Electrical power
 - Compressed air and gases
 - Process cooling
- Machine Safeguarding

Services

- Turnkey services - from conceptual development through installation
- Conceptual development
- Engineering and design
- Process safety studies
- Troubleshooting and analysis
- Start-up and training
- Project and construction management

Industries Served

- Towel and tissue production
- Diaper converting
- Feminine hygiene converting
- Soap and detergents
- Pharmaceuticals
- Foods
- Chemicals

