

An Introduction to Behrent Engineering Company

Behrent Engineering Company, headquartered in Wheat Ridge, Colorado, has been in Business for over 45 years serving local and national clients.

Our engineers and designers are hands-on, field oriented personnel. We regularly compete for large projects and no project is too small. Much of our work is performed on plant upgrades, maintenance improvements and equipment efficiency projects. 85-90% of our work comes to us from existing clients, which speak to the quality of our engineers and deliverables. Think of Behrent personnel as an extension of your workforce for your engineering needs.

Behrent Engineering Company is a full service multi-discipline firm. We employ structural, civil, mechanical, material handling, process, electrical, instrumentation and controls engineers. We also have land surveying capabilities that have application in site location and land preparation.

Many of our employees come from technical departments within manufacturing companies. We know our client's concerns, because many of us had those concerns. We know in the long run, the real measure of success for a project is that the equipment or system works well. That is why we want our clients to think of Behrent Engineering Company, "when it has to work."

Multi-Discipline Engineering

- Full Service Engineering
- Structural
- Civil
- Land Surveying
- Mechanical
- Process
- Radio Frequency
- Electrical
- Instrumentation and Controls

Structural and Civil

- Industrial Facilities
- Warehousing Facilities
- General Commercial Buildings
- General Arrangements
- Large Steel Structures
- Concrete Foundations
- Concrete Silos
- Steel Bins and Hoppers
- Equipment Pads and Platforms
- Parking Lots and Rail Systems

Electrical, Instrumentation and Controls

- Programmable Logical Control (PLC)
- Human-Machine Interfaces
- Power Distribution
- Substations and MCC's
- Emergency Power
- Lighting Design
- Arc Flash Assessment (NFPA 70E)
- Power Analysis

Mechanical and Process

- Manufacturing
- Materials Handling
- Silos and Bins
- Crushing Plants
- Milling and Grinding Equipment
- Cement Processing
- Brewing Processes
- Conveying and Packaging
- Data Centers / Computer Rooms
- HVAC & Refrigeration
- Compressed Air
- Steam and Condensate
- Water and Waste Water Systems
- Process Safety Management
- Pipe Stress Analysis

Software

- AutoCAD
- SolidWorks
- Microstation
- Primavera SureTrak
- Microsoft Project
- AFT Piping Analysis / Modeling
- Staad3 & RAM Structural / Stress Analysis / Modeling
- Intellution
- Visual Basic
- Human-Machine Interface (HMI)
- Programmable Logical Controllers (PLC's)
- Data Acquisition / PI Historian
- Licensed Delta-V Integrator
- SKM Power Tools Analysis

Other Services Include

- Viability Studies
- Budgetary to Final Estimates
- Plant Level and Corporate Capital Planning Support
- Plant General Arrangements
- Design Engineering Services
- Project Management
- Construction Coordination and Management
- Start-up and Prove-in Support
- Operator Training
- Procurement
- Design-build
- P&ID / Flow Diagrams
- Process Design & Control
- Equipment Arrangements
- Piping Systems Design
- Material Takeoffs for Procurement
- Method of Operation, Control Viewpoint

Markets

- Food & Beverage Industry
- Cement Manufacturing
- Aggregate Quarries
- Industrial Manufacturing
- Mining
- Heavy Commercial and Manufacturing

Main Phone Number: 303-940-6868

11455 West I-70, North Frontage Road ~ Wheat Ridge, Colorado 80033-2101