



FRAC SAND WET/DRY/RESIN COATING PLANTS

With over four decades of experience designing and building precise sand systems for automotive foundries, including GM, Ford and Chrysler, Mouat began designing and building sand plants for the frac sand industry as the industry emerged in 2008. Over the past decade, Mouat has designed facilities for some of the leading companies in the industry including EOG Resources, Preferred Sands and Fairmount/Santrol.

Mouat's technical expertise in process control provided a niche in building resin coating plants when Mouat began in the industry. The level of control required for the addition of resin, water and surfactant was very precise and critical to the process. The ability to engineer and control the process has been equally critical to the design of the wet and dry plants.

Mouat's success in this field is not only a direct result of our innovation and long history of quality projects, but it is also a result of our overriding commitment to our customer - a value that we maintain as an unquestionable standard of doing business.



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TRANSLOAD FACILITIES

The ability to design and construct transload facilities requires specialized expertise in civil engineering, structural design and bulk material handling in addition to specific knowledge of the material being processed. It is a niche market. Mouat-designed facilities operate with 24/7 reliability and meet all customer design specifications - guaranteed.

Every customer has a unique set of criteria depending on their clients' demands, market forces and budget requirements. Mouat's designs range from a simple rail-to-truck transfer facility to transload facilities built to accommodate multiple unit trains.

Although all of our transload facilities are custom built, the following features are common with most arrangements:

- 800 Tons Per Hour Rail Unloading (8 Min. Unload Time)
- 400 Tons Per Hour Truck Load Out (7 Min. Load Time)
- Bolted Silos
- Multiple Truck Scales for Simultaneous Loadout
- PLC Controlled Unloading and Loading Systems
- Fully Integrated Process Control System
- Telescoping Loadout Spouts
- Integral Dust Collection Systems with Truck Loadout
- Computer Based Truck Weighing and Bill of Lading System
- Control Room



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MINERAL PROCESSING

Mouat is a leader in the mineral processing industry having designed and built plants for some of the most respected customers in the industry. This includes multiple projects for Halliburton including the largest barite processing plant in North America, producing over 90 tons per hour.

Mouat's early engagement in the design-build process allows for the integration of ideas from our background in multiple industries, allowing us to add value in the design-build process. It is in the concept phase, not construction, where savings can be the greatest.

With Mouat's extensive experience in material handling and process control, we have designed and built mineral processing facilities where labor has been minimized such that the complete plant is controlled by a single operator located in a central control room.

Mouat's experience in the minerals industry is applicable to many types of mineral processing plants some of which include:

- Barite
- Bentonite
- Limestone
- Calcium Carbonate
- Coal
- Kaolin Clay
- Diatomaceous Earth
- Gypsum
- Wood
- Rock & Stone
- Glass



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FOUNDRIES

The Mouat Company began in 1924 selling equipment to the foundry industry. By the early seventies, driven by customer demand for innovative system installations, Mouat evolved into a full service design-build construction firm and for more than 45 years has been delivering turnkey foundries across the U.S. and Mexico.

Our success is built on our reputation as an industry leader in developing innovative concepts. Since Mouat manages the project from its initial phases through start-up, we receive feedback from each project first hand on our designs, which leads to a process of continuous improvement.

Mouat has designed foundries that required the highest standards of quality producing automotive safety parts including engine brackets, disc brake calipers, rotors and engine blocks. There are few industries that have such stringent quality demands of the process. Mouat became an industry leader by meeting and exceeding these standards.

Mouat has built foundries for most of the major casting producers in North America including:

- General Motors
- Ford Motor Company
- Chrysler
- Honda Motor Company
- John Deere
- Caterpillar
- Neenah Foundries
- Intermet Corporation
- Citation Corporation
- Rassini Frenos
- ProezaGREDE



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