

Improved Process Control with Improved Productivity

Global specialty product producer seeking manufacturing improvements to their quality output.



Typical grain silo (stock image)

Improving product quality and production capacity were the goals of a global manufacturer of specialty products company. The client stored its solid product in a bulk warehouse under regulated conditions to maintain quality. The client was seeking real-time information and

controls, such as the weight of the product, temperature and volume of liquid, used to produce its final product. This valuable information helps the client improve product quality and improve production capacity.

challenge

Unknown and uncontrolled variables, such as temperature and weight, had the potential to compromise the quality of product produced by the client. Installing controls and new equipment to monitor production will enhance the client's ability to make better products more efficiently.

solution

Nexus provided a full range of services to support the project, including engineering, project management, procurement and construction. New equipment, sourced and installed by Nexus, was installed at the plant.

projected results

The plant improvement process is underway their facility. From the plans and deliverables from Nexus, the client expects better record capturing and retention, better quality control throughout the manufacturing process, and better storage solutions for work in progress and finished goods. These overall expectations will result in lower costs, higher quality, and more efficient use of raw materials.

industry

Manufacturing

location

USA

services

- Electrical Engineering
- Structural Engineering
- Instrumentation Engineering
- Mechanical Engineering
- Equipment Specification
- Laser Scanning
- Project Management
- Procurement
- Project Management

specifications

The main goal with this client was to improve process control with the addition of new equipment that provides real-time information.

projected results

Client expects better record capturing and retention, improved quality control, and better storage solutions resulting in lower costs, higher quality.



Typical grain conveyor (stock image)