



Storage and Loadout System

CLIENT - Dragon Products Co.

LOCATION - Thomaston, MD

COMPLETED - 2004

DESCRIPTION

Matrix PDM completed a storage and rail loadout project. Dragon Products, the only cement manufacturer in New England, had been relying heavily on truck and inefficient rail shipping in their cement plant, which slowed their shipping to Boston.

The project was completed within five months with Matrix PDM guiding the project from conceptual development to construction.

PRINCIPAL FEATURES

- New 8,000 ton, 52 foot diameter by 153 foot tall, silo for rail loadout
- Existing loadout system modified to maximum efficiency
- Scale added to standardize load sizes and loadout spout with sensors to help determine weight
- Pneumatic conveyor to the silo
- 8 foot x 12 foot airslide loadout with rates of 750 tph
- Control automation design for rail/truck loadout
- Dust collection system in the pressurized pipes to recycle cement back into the silo again
- Retrofitted 2,000 feet of rail line to run beside the silo
- Design of rail retrofit included adding a rail spur to allow better movement of the rail cars

FOR MORE INFORMATION:

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