



PORT SUTTON TERMINAL

CLIENT - Kinder Morgan
LOCATION - Tampa, FL
COMPLETED - 2006

DESCRIPTION

Matrix PDM Engineering provided multidiscipline engineering design for the development of a new storage building, reclaim system and truck loadout system equipped with new scales for the Tampa, FL facility.

The new bulk storage building was designed as a warehouse to meet site constraints while maximizing storage capacity for multiple product divisions. The building receives product from the existing ship and rail receiving systems.

The terminal will provide storage for urea, ammonia nitrate, ammonia sulfate, potash, and diammonium phosphate (DAP).

PRINCIPAL FEATURES

- The scope of the project included:
- Facility designed for maximum protection against highly corrosive environment
- Product storage in a warehouse with a tee extension to maximize storage capacity due to site constraints
- Ability for various sized bays to store eight different grades of dry fertilizer
- Incoming distribution system to new warehouse via tripper belt at 700 tph
- Integration of new scales for the loadout system
- Interface to existing ship and rail receiving systems
- Two new truck loadout systems operating at 400 tph
- Automation of equipment provided by a PLC and HMI system

FOR MORE INFORMATION:

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