



PETCOKE AND SULFUR HANDLING FACILITY

CLIENT - Sincor
LOCATION - Jose, Venezuela
COMPLETED - 1999

DESCRIPTION

The Sincor Petcoke and Sulfur Handling Facility was designed to handle 2.4 million tpy of petroleum coke and 380,000 tpy of either molten or prilled sulfur. Matrix PDM Engineering provided complete EPCM (Engineering, Procurement, Construction Management) Services for the construction of this significant coke and sulfur export facility.

The design included state of the art material handling systems and storage for petcoke and prilled and liquid sulfur to transport the product from the nearby refinery to storage and out for export. The material handling systems included miles of conveyors, stacking, stockpiling and reclaim systems, dust suppression systems, ship loaders, steam-traced piping, a sulfur loading arm, and marine structures. Storage consisted of two massive cement storage pads and sulfur

storage tanks. The project team implemented key features such as dual orbiting ship loaders, the first of their type to be constructed, and also bulk and liquid loadout capability via a single berthing point on the dock.

The more than 190,000 staff-hour project was executed on a fast-track basis with Matrix PDM procuring 95 equipment sub-systems and managing all construction contracts for this \$270 million project. The successful project execution resulted in the stockpiling of petroleum coke just 18 months after the start of conceptual engineering.

PRINCIPAL FEATURES

- Engineering
- Procurement
- Construction management
- Material handling and storage

FOR MORE INFORMATION:

matrixpdm.com | 866 367 6879

