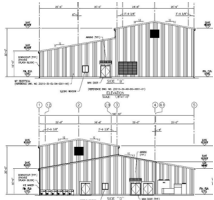




EDG specializes in the planning, design, assessment, and construction management of marine terminals and industrial facilities.

EDG'S TEAM OF PROFESSIONALS SPECIALIZE IN MARINE TERMINALS AND INDUSTRIAL FACILITY DESIGN, INCLUDING VESSEL MOORING AND BERTHING, LIQUID AND SOLID BULK HANDLING, INDUSTRIAL AND COMMERCIAL BUILDINGS, AND OVERALL SITE DEVELOPMENT.

MARATHON EG PRODUCTION, LTD. MAINTENANCE WORKSHOP AND OFFICES Malabo, Equatorial Guinea



Brownfield project to relocate personnel and equipment out of the hazardous areas and blast zones.

EDG provided all site development, drainage, utilities, architectural layouts, and foundation design for the 23,000 sq. ft. workshop and two (2) 4,000 sq. ft. office buildings.

KINDER MORGAN TERMINALS PETROLEUM COKE HANDLING FACILITY Whiting, Indiana



Brownfield facility for receiving, storing, and shipping 6,000 tons of petroleum coke per day.

Project included conveyors, rail systems, rail loading, and covered storage building for stacking and reclaiming 30,000 tons of petroleum coke.

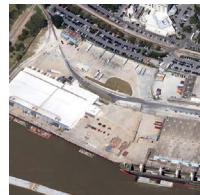
KINDER MORGAN TERMINALS HOUSTON DEEPWATER TERMINAL COAL HANDLING FACILITY Houston Ship Channel-Pasadena, Texas



Kinder Morgan's Coal Handling facility receives coal from unit trains, stores it on an open storage pad, and ships it via marine vessels. Annual throughput is 12,000,000 MT.

Project included rail loop and modifications to the existing rail infrastructure, rotary rail car dump and indexer, receiving conveyors, yard pad and storage pad, reclaim system and shipping conveyors, dock expansion, and travelling ship loader.

PORT OF NEW ORLEANS NEW ORLEANS COLD STORAGE & WAREHOUSE, LTD. New Orleans, Louisiana



Facility design included dock and landside foundation improvements and infrastructure upgrades for the 130,000 sq. ft. cold storage building adjacent to an existing deep draft dock and ship berth.

PROJECT SERVICES

Extensive project services ranging from:

- Greenfield / Brownfield planning and development
- Existing facility inspections and assessments
- Conceptual design to start-up services - EPCM delivery, construction management, procurement, and inspection

MARINE TERMINALS & INDUSTRIAL FACILITIES

Planning, Design, Assessment, and Construction Management



DEVELOPMENT AND PLANNING

- Facility audits for operational, capacity, and environmental compliance
- Feasibility studies
- Conceptual development
- Project methodology planning
- Permit assessment, planning, and assistance
- Coordination with permitting and governmental authorities
- Site selection and evaluation
- Preliminary design services
- Preliminary project budgeting and schedules
- Basic design services
- Bid package development
- Laser scanning of existing facilities
- Constructibility reviews
- Construction/program management and project planning
- Design/build package development

CONSTRUCTION MANAGEMENT

- Equipment and contractor bid package preparation and execution
- Bid evaluation
- Purchasing and expediting of equipment
- On-site quality assurance and control
- Schedule monitoring and attainment
- On-site management and contractor coordination
- Project cost accounting
- Project reporting
- Operator training, startup and commissioning services

IMPLEMENTATION AND DESIGN

- Preliminary and final design
- Project sponsor services
- Specialization in total system design
- Civil, site drainage, railroad, and roadway design
- Foundation system design
- Total material handling systems design
- Ship, barge, rail and truck loading and unloading systems
- Pneumatic and mechanical conveying system design
- Electrical Safety
- Arc Flash services
- NFPA 70E Compliance
- Structural engineering and design of concrete and steel structures, including silo design, marine platforms, docks, bulkheads, river cells, and floating platforms
- Dust control system design
- Electrical power distribution and motor control system design
- Control and instrumentation systems design and programming
- CAPEX budget development
- HAZOP studies
- Project Scheduling

INDUSTRIES SERVED

- Coal
- Clay
- Cement
- Soda Ash
- Grain
- Gypsum
- Phosphate Rock
- Petroleum Coke
- Fertilizers
- Sulfur
- Potash
- Calcined Coke
- Aggregates
- Petroleum Products
- Crude
- Chemical liquids
- Break bulk
- Salt

CONTACT

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