



MARINE TERMINALS & INDUSTRIAL FACILITIES

OPERATIONAL AND DESIGN
EXPERIENCE YOU CAN LEVERAGE

FULL-SERVICE ENGINEERING AND OPERATIONAL EXPERIENCE: EDG SPECIALIZES IN CONCEPT TO FINAL DESIGN PHASES, FACILITY ASSESSMENTS, AND OWNER'S ENGINEER OF MARINE TERMINALS AND INDUSTRIAL FACILITIES.



PRODUCT HANDLING EXPERTISE

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



INDUSTRIAL FACILITIES

- River Terminals & Docks
- Import & Export Facilities
- Storage & Blending Facilities
- Petrochemical
- Refinery
- Manufacturing
- Warehouse & Manufacturing Buildings
- Custom Onshore & Offshore Steel Buildings

COMMITTED TO DELIVERING PROJECTS ON SCHEDULE, WITHIN BUDGET, AND IN ACCORDANCE WITH INDUSTRY STANDARDS.

Customized project delivery based on client specifications and standards, combined with industry best practices, lessons learned, and operational experience in all projects.





PROJECT SERVICES

ENGINEERING SERVICES

PLANNING AND DEVELOPMENT

- Facility audits for operational, capacity, and environmental compliance
- CAPEX budget development and concept development
- Feasibility studies
- Permit assessment, planning, and assistance
- Site selection and evaluation
- Bid package development and procurement
- Owner's engineer
- Construction/program management and project planning
- Project controls and scheduling
- Project sponsor services
- Specialization in total system design

IMPLEMENTATION AND DESIGN

- Preliminary feed and detail engineering
- Specialization in total system design
- Ship, barge, rail and truck loading and unloading systems
- Pneumatic and mechanical conveying system design
- Structural engineering and design of concrete and steel structures, including 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
- Technology and Automation
- Preliminary and final design

PROJECT MANAGEMENT SERVICES SCALED TO MEET YOUR PROJECT NEEDS.

- Owner's Engineer
- Project Management
- Construction Management





INDUSTRIAL AND OFFSHORE BUILDING DESIGN

HVAC / Plumbing / Electrical
/ Structural / Architectural

WITH EXTENSIVE INDUSTRY
EXPERIENCE, OUR TEAM
BRINGS FIRSTHAND
EXPERTISE FROM CONCEPT
DESIGN TO FABRICATION TO
INSTALLATION.

FACILITY ASSESSMENT SERVICES

- ASCE Waterfront Facility Assessments
- Mechanical Equipment and Electrical Equipment/Distribution Systems
- Aerial Assessment by Drone

EDG OFFERS LICENSED AND EXPERIENCED ENGINEERS WITH EXPERTISE IN ASSESSING THE CONDITION OF ENTIRE LAND-BASED TERMINALS, INFRASTRUCTURE AND BUILDINGS, AS WELL AS MARINE AND DOCK STRUCTURES.



PLANNING, DESIGN, ASSESSMENT, AND PROJECT MANAGEMENT

A COMMITMENT TO PEOPLE, EFFICIENCY, AND QUALITY.

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