



# 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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