



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.





Manufacturing

### PRODUCT HANDLING EXPERTISE

Grain Petroleum Coke Petroleum
Cement Fertilizers Crude

Coal Sulfur Chemical Liquids

Soda Ash Potash Break Bulk

GypsumCalcined CokeClayPhosphate RockAggregatesSalt

### **INDUSTRIAL FACILITIES**

River Terminals & Docks

Import & Export Facilities

Storage & Blending Facilities

Petrochemical

Refinery

Warehouse & Manufacturing

Buildings

Custom Onshore

# COMMITED 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.



**Buildings** 

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### **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



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### INDUSTRIAL AND OFFSHORE BUILDING DESIGN

HVAC / Plumbing / Electrical / Structural / Archictectural

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

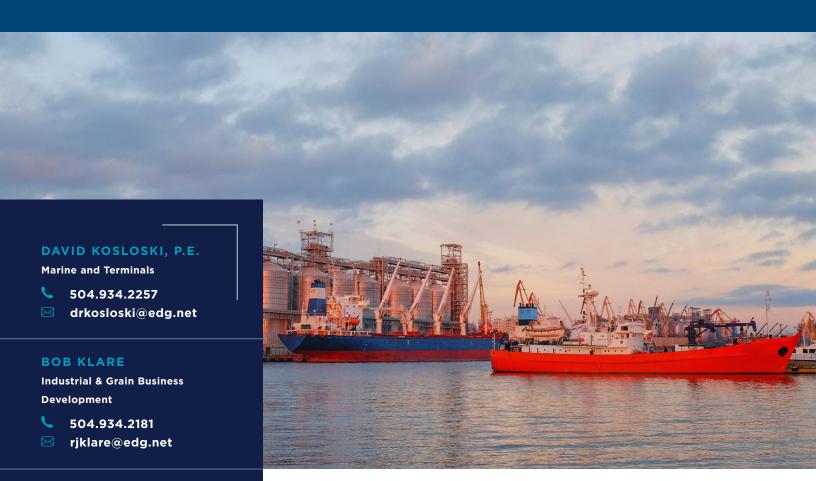
EDG OFFERS LICENSED AND EXPERIENCED ENGINEERS WITH EXPERTISE IN ASSESSING THE CONDITION OF ENTIRE LAND-BASED TERMINALS, INFRASTRUCTURE AND BUILDINGS, AS WELL AS MARINE AND DOCK STRUCTURES.



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### PLANNING, DESIGN, **ASSESSMENT, AND** PROJECT MANAGEMENT

A COMMITMENT TO PEOPLE, EFFICIENCY, AND QUALITY.



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