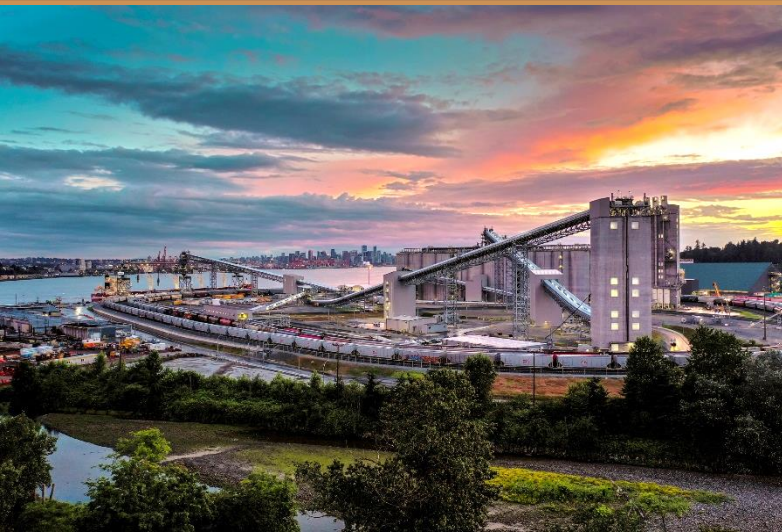


# PROJECT PROFILE – High Capacity Canadian Export Grain Elevator

**PROJECT:** Owner's Engineer services to G3TV during construction, start-up, and commissioning

**LOCATION:** North Vancouver, British Columbia



## PROJECT HIGHLIGHTS

- Core group of seven (7) Technical Field Staff on-site and one (1) Project Controls Specialist to support project
- Provided additional support with Structural, Mechanical, Electrical, marine, Grain Handling, and Process Safety specialists as necessary from EDG's U.S. Columbus, Houston, and Metairie offices.
- Scheduling and Cost Control Specialists successfully ensured the project was completed on-time and within budget
- Our site project management group excelled as the Owner's interface with Contractor, maintaining consistency, quality, productivity, and maintaining collaborative working relationships between G3TV and Contractor
- EDG's grain export operations expertise was critical to our ability to provide HAZOP support, Dust Hazard Analysis support, and development of detailed staff training documents

## CHALLENGES

- EDG identified lack of formal safety review and conducted a HAZOP review that included EDG, Contractor, and G3TV personnel in June 2018 resulting in several important system safety improvements
- Identified the regulatory need for a Dust Hazard Analysis and supported development of this through grain dust specialist
- Developed and managed procurement and installation of several projects outside of original scope - Full automation of rail switching and control systems, remote operation of locomotive on the site, fitting out the Canadian Grain Commission office and grain analysis area, fitting out the G3 grain grading office, and installation of analysis area dust ventilation units
- EDG's structural engineers supported development of modification to the ship loader structural steel due to an unexpected structural deflection issue.

## CONTACT

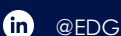
Jake Leininger, Business Development Manager  
jleininger@edg.net // 337.278.5593

## DISCIPLINES

- Grain Handling
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Marine Structural
- Project Management
- Project Controls
- Procurement
- Process Safety Specialists



EDG, Inc. • 3900 N. Causeway Boulevard, Suite 700, Metairie, Louisiana 70002 • 504.455.0858 • www.edg.net



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