

# BILL RISK, CRSP, P.GSC., ESS

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## EXECUTIVE SUMMARY

Professional, self driven, disciplined, highly organized Regional HSE Manager with 8+ years of progressively senior safety experience and 20 years of combined construction experience including:

- ✓ Safety Planning & Program Management
  - ✓ Environmental Safeguards & Ergonomics
  - ✓ Risk Analysis & Mitigation Plans
  - ✓ Site Inspections, HSE Audits & Investigations
  - ✓ SCAT, Tap Root & Root Cause Analysis
  - ✓ Client Relations & Communications
  - ✓ Risk & Hazard Assessments - PHA, JHA, FLRA, GRA, SOP
  - ✓ Permit, Regulatory & Safety Compliance
  - ✓ KPI, Metrics, Lag/Lead, Project & Progress Reporting
  - ✓ Certifications & Safety Training
  - ✓ Committee and Senior Management Representation
  - ✓ Subcontractor Negotiations, Contracts & Relations
- ❖ Professional Gold Seal Certification (**P.GSC.**) **2009 - present**  
❖ Member of the Board of Canadian Registered Safety Professionals (**CRSP**) **2007 - present**  
❖ Member of the Canadian Society of Safety Engineers (**CSSE**) **2006 - present**

## PROFESSIONAL EXPERIENCE

### LINEHAM CONSTRUCTION & ENGINEERING

#### Regional HSE Manager - Major Infrastructure Projects

**2007 - present**

Reporting to the GM, oversee the HSE Management System for Southern Alberta with 10 direct reports, 800 employees, \$2MM operations budget and up to 40 projects concurrently (e.g. Calgary West LRT, Edmonton North LRT, Calgary and Saskatoon Ring Roads, Peace Bridge, Alberta and Ontario Wind Farms).

- Plan, execute and direct HSE Management System (MS) for major infrastructure, structural steel, earthworks, transmission, commercial and industrial projects (\$30MM to \$500MM) within Western Canada and Ontario

#### **ACCOMPLISHMENTS & CONTRIBUTIONS**

- ✦ Reduced TRIF from 30% to 7% (14 % below industry standards of 21%); launched task specific tailgate meetings and quality toolbox meetings; introduced proper hazard/FLRA/group risk assessments, improved inspections and achieved buy-in from Operations for the HSE MS; implemented claims management, HSE control and Foremen specific training along with proper certifications (NCSO, COR) for all management and supervisory safety personnel
- ✦ Raised safety standard significantly through multiple new initiatives which subsequently reduced LTIs from 16 to 3 incidents annually
- ✦ Negotiated Operations buy-in and executed task specific PPE, substance abuse, Leading Indicator Activity Calendar and SureFit programs to Southern Alberta which contributed to a 60% decrease in safety incidents
- ✦ Recognized by peers as a Leader in safety and received superior performance ratings four consecutive years based on communications, safety record, attendance and accountability
- ✦ Worked with VP, HSE Program Manager and Regional Safety Managers to design and implement the new HSE Management System; based on CSA Z1000 and ANSI Z10 standards, it was rolled out company-wide and led to continuous improvement of the Plan Do Check Act (i.e. project planning, organization and execution)

#### **KEY FUNCTIONS**

Direct and coordinate strategic planning, organization and execution of the HSE Management System including resource allocation, client relations, risk mitigation strategies, site audits, regulatory compliance, incident investigations, governmental representation, external committee involvement, WCB reporting, budgeting, forecasting, subcontractor pre-qualifications and training.

#### **STAFFING & RESOURCE ALLOCATION**

- Recruit, interview, select, hire, schedule and allocate safety projects to 10 direct reports (i.e. HSE Supervisor, Senior HSE Coordinators, HSE Coordinators, HSE Administrator, HSE Trainer)
- Administer probationary, disciplinary and performance evaluations of all staff under leadership
- Plan, organize, allocate resources (i.e. labour, LOA) and execute pre-construction safety programs (e.g. group risk assessments, project hazard assessments, project specific site safety plans, training & ERP matrix)
- Organize and coordinate training, employee orientations, certifications, audits, inspections and environmental assessments and risk mitigation strategies; staff, projects and sites

**COMMUNICATIONS & CLIENT RELATIONS**

- Communicate and liaise with clients on HSE issues including pre-qualification requirements, site safety plans, non-conformance items, incident investigations, pre-job meetings, close-out meetings and non-prime contractor concerns
- Consult with representatives from SNC Lavalin, Bird Construction, Flat Iron Construction, Teck Coal, Government of Alberta and City of Calgary on a wide range of safety compliance and regulatory issues
- Deal directly with OH&S and Municipal HSE Inspectors regarding non-conformance items, deficiency corrections, performance issues, case studies and new initiatives

**SUBCONTRACTOR RELATIONS, NEGOTIATIONS & CONTRACTS**

- Source, negotiate contracts and secure third party services for training, HSE signage, advanced first aid and OIS (Occupational Injury Services) Clinics
- Pre-qualify construction contractors, issue documentation (RFPs, RFQs) and allocate risk ratings based on HSE metrics and statistics

**SAFETY TRAINING & COMPLIANCE**

- Lead and deliver training programs or seminars in Safety Documentation, Fall Awareness, Flagging, HSE MS, WHMIS, TDG, Incident Management, Substance Abuse, WCB and Claims Management
- Oversee and control safety procedures, policies, plans and programs pertaining to PPE, WHMIS, JHA, GRA, ERP, SOP, TDG, Confined Space, Fall Arrest, Flagging and Spill Containment
- Create, customize, develop, implement, track and update HSE MS at office and field sites
- Track performance and ensure site activities, environmental monitoring (municipal & provincial) and inspections comply fully with OH&S, WCB and company guidelines
- Maintain and apply the entire HSE management system including standards, JHA, SOPs and development

**INVESTIGATIONS, AUDITS & PERMITS**

- Carry out comprehensive job/site HSE audits and inspections
- Audit, pull and ensure proper permits are in place prior to and during projects (i.e. Ground Disturbance, Confined Space, Lock-out/Tag-out, Hot Work, Cold Work, Client Required, Utility)
- Carry out Root Cause, **SCAT** (Systematic Cause Analysis Technique) and Tap Root Investigations; prepare and deliver final reports along with recommendations to senior management

**COMMITTEE & SENIOR MANAGEMENT REPRESENTATION**

- Co-chair monthly Road to Zero meetings with VP, GMs and Construction Managers from Operations, Commercial/Civil and Major Infrastructure groups; review Lead/Lag Indicators, Risk Mitigation Strategies, FLRA Processes, HSE Management System, Solutions Management and Effective Claims Management
- Chair monthly meetings with all members of the HSE Team to review site issues, upcoming HSE initiatives, training programs and areas of risk
- Participate in monthly branch meetings with the Operations Committee to review office maintenance issues, inspections compliance and areas of risk pertaining to the Branch Office

**REPORTING & COST MANAGEMENT**

- Create and distribute monthly, quarterly and annual reports to all vested stakeholders (e.g. Safety Statistics, KPIs, Lead/Lag Indicators, Near Misses, Inspections, TRIFs)
- Build and present case and feasibility studies to justify costs and achieve management buy-in

**MAJOR INFRASTRUCTURE PROJECTS (TO DATE)**

- ◆ **Calgary West LRT** (\$300MM): key risks involved working at heights, earthworks, underground & overhead utilities, road safety, pedestrian safety and guideways
- ◆ **Calgary Ring Road** (\$500M): key risks and challenges included earthworks, transient workforce, working at heights, working over traffic, , overhead lines, site security, joint venture communications and merging two individually unique HSE programs
- ◆ **Saskatoon Ring Road** (\$300MM): key risks and challenges included earthworks, transient workforce, working at heights, working over traffic, line strikes and joint venture communications
- ◆ **Alberta and Ontario Wind Farms** (\$200MM): key risks involved working at heights, dealing with pinch points, heavy crane operations, environmental issues (i.e. storm tracking, lightning, wind) and remote locations
- ◆ **Costco & Walmart** (\$100MM+): key risks involved steel erection and issues with public interaction
- ◆ **Heartland North Transmission Line** (\$85MM): key risks and challenges included working at heights, earthworks and dealing with the general public
- ◆ **Teck Coal Dry Building Expansion** (\$80MM): key risks involved steel work, working at heights, environmental conditions, substance abuse and client specifications

- ◆ **Oikwon Place Highrise** (\$35MM): key risks and challenges included tight working spaces, working at heights and dealing with multiple subcontractors
- ◆ **Edmonton North LRT** (\$21MM): key risks involved underground tunnelling, pedestrian crossings, public safety and HAZMAT issues
- ◆ **Calgary Peace Bridge**: key risks involved installation & removal of temporary bridge, piling, working over waterways and structural steel erection and pedestrian safety
- ◆ **Revelstoke School Board** - travelled to site and addressed HSE concerns over six months, dealing with subcontractor and WCB Officer
- ◆ **City of Calgary & Province of Alberta Bridge Projects** - key risks and challenges included working over waterways, existing highways, engineered lifts, earthworks, fall protection and railway crossings

**WESTAIR SHEET METAL****Safety Manager****2006 - 2007**

Reporting to the President, managed safety programs site inspections, audits, safety controls, COR certification and HR planning impacting up to 30 staff.

- Developed safety program, ensured proper utilization and carried out detailed audits of facility and satellite sites (i.e. PCL, Kewitt, Scott Builders) to achieve COR certification

**ELLIS DON CONSTRUCTION****Safety Coordinator****2005 - 2006**

Reporting to the Regional Manager, Western Canada, oversaw safety programs for up to 500 site personnel with accountability for enforcing the safety program, incident investigations, inspections, auditing and compliance

- Supervised site safety programs for Livingston Place, Sheldon Schumir Clinic and Alberta Children's Hospital
- Worked with Superintendent and Project Manager to ensure site personnel were operating in a manner that complied with provincial and corporate safety guidelines

**WESTAIR SHEET METAL****Journeyman Sheet Metal Worker/ HSE Manager****2003 - 2005**

Worked on various commercial and institutional projects city-wide in addition to providing comprehensive support with the entire safety program.

- Reviewed, interpreted, utilized and made redline modifications to blueprints (mechanical, structural, civil), as built drawings and shop layouts
- Acted as Safety Lead on all projects and sat on multiple project safety committees, providing continuous feedback on ways to improve housekeeping, hygiene and fall protection
- Created company Safety Manual and secured COR certification
- Chaired daily tailgate and weekly toolbox meetings with colleagues, Journeymen, Apprentices and Labourers
- Administered job safety and site hazard assessments

**Previous Experience**

- Launched career as a Sheet Metal Mechanic in 1995 and was promoted to progressively senior safety roles within Construction and Production fields

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## POST SECONDARY EDUCATION

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**COLLEGE OF THE ROCKIES****Mining Supervisor Training Certificate****2010****UNIVERSITY OF ALBERTA, FACULTY OF EXTENSION****Confined Spaces Certificate****2008****SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY****Journeyman Sheet Metal Worker Certificate****2004****MOUNT ROYAL COLLEGE****Petroleum Land Contract and Administration Foundation Certificate****2000**

## HSE TRAINING & CERTIFICATIONS

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### **ALBERTA CONSTRUCTION SAFETY ASSOCIATION (ACSA)**

- ✎ National Construction Safety Officer (**NCSO**) Certificate
- ✎ Construction Safety Officer (**CSO**) Certificate
- ✎ Supervisor Training in Accident Reduction Techniques (**S.T.A.R.T.**) Certificate
- ✎ Alberta Certified Peer Health & Safety Auditor Certificate
- ✎ Construction Safety Administration Certificate
- ✎ Construction Environmental Awareness Certificate
- ✎ Principles of Health & Safety Management Certificate
- ✎ Prime Contractor Course Certificate
- ✎ Effective Claims Management Certificate
- ✎ Leadership for Safety Excellence Certificate
- ✎ Fall Protection Awareness Certificate
- ✎ Confined Space Awareness Certificate
- ✎ WHMIS **Train-the Trainer** Certificate
- ✎ TDG **Train-The-Trainer** Certificate
- ✎ Flagperson **Train-the-Trainer** Certificate
- ✎ Alcohol, Drugs & Safety Certificate

### **ALLSTAR ENVIRO SAFETY**

- ✎ Confined Space Entry Level I Ticket

### **AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS / AMERICAN COLLEGE OF EMERGENCY PHYSICIANS**

- ✎ AAOS Emergency Care and Safety Institute - Level C Ticket

### **CANADIAN CONSTRUCTION ASSOCIATION (CCA)**

- ✎ Foundations of Leadership - Gold Seal Certification

### **ENFORM**

- ✎ H2S Alive Ticket

### **FALL PROTECTION GROUP INC.**

- ✎ Industrial / Commercial End-User Fall Protection Program Ticket (ACSA Recognized & OSSA Accredited)

### **GOLDER ASSOCIATES**

- ✎ OH&S For The Asbestos Worker Ticket

### **GRAHAM GROUP LTD.**

- ✎ Project Manager / Superintendent Training in Safety Responsibilities Certificate
- ✎ Bio-Hazard Training Certificate

### **INCIDENT CRITICAL STRESS FOUNDATION / UMBC**

- ✎ Group Crisis Intervention Certificate

### **MANUFACTURERS HEALTH & SAFETY ASSOCIATION**

- ✎ Safety Auditor Program Certificate
- ✎ Safety Basics Development Program Certificate

### **PROFESSIONAL MEDICAL ASSOCIATES**

- ✎ Emergency Medical Responder (**EMR**) Certificate

### **RESPONSE SAFETY & RESCUE SERVICES INC.**

- ✎ Confined Space - Entry / Rescue Level II-R Ticket

### **SYSTEM IMPROVEMENTS INC.**

- ✎ TapROOT Incident Investigation & Root Cause Analysis Certificate

### **WORKSMART**

- ✎ Ergonomics System Specialist (**ESS**) Certification

## EQUIPMENT & SCAFFOLD TRAINING

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### **CAL-GAS INC.**

- 📄 Use and Care of Portable Construction Heaters and Vaporizers Certificate

### **LEAVITT MACHINERY**

- 📄 Practical Rigging Operator Safety Training Certificate

### **PROPANE TRAINING INSTITUTE**

- 📄 Connection and Use of Construction Heaters up to 400,000 BTUH Certificate

### **SCAFFOLD INDUSTRY ASSOCIATION (SIA) TRAINING PROGRAM**

- 📄 Basic Scaffold Competency & Inspection: Frame Certificate

## SEMINARS & WORKSHOPS

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### **ALBERTA WORKERS COMPENSATION BOARD (AWCB)**

- 📄 Disability Management Seminar Certificate
- 📄 Employer Information Workshop Certificate

### **CITY OF CALGARY**, Calgary, Alberta

- 📄 ESC (Erosion Settlement Control) Inspector Seminar
- 📄 Taking The Mystery Out of ESC Reports and Drawings
- 📄 An Introduction to Erosion and Sediment Control for Urban Construction Sites

### **CREATING PEOPLE POWER INC.**

- 📄 Respect in the Workplace Awareness Workshop - Certificate of Participation

### **EHS PARTNERSHIPS LTD. AND SPILKLEEN**

- 📄 Environmental, Mould and Proper Use of Spill Kit Awareness Seminar Certificate

### **FRED PRYOR SEMINARS**

- 📄 Successful Solutions for Unacceptable Employee Behaviour - Certificate of Attendance

## SOFTWARE COMPETENCIES

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- ▲ Word
- ▲ Excel
- ▲ PowerPoint
- ▲ Intelex
- ▲ Toolbox