

GUY TAYLOR, P.Eng.

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Experienced results oriented failure investigator and claims support analyst focused on losses involving oil and gas or industrial equipment and processes. Investigations include equipment breakdown and process upset. Involved in claims analysis for property losses valued in excess of US\$300 Million. Familiar with Property, Business Interruption, Boiler and Machinery, Delay in Start-up and Course of Construction/Construction All Risks.

SUMMARY

- Registered in Alberta as a Professional Mechanical Engineer (P. Eng.)
- Involved in the preparation and assessment of claim packages for projects valued up to \$300 Million in direct costs, and excess of USD \$500 Million final project costs
- Experienced with project management and execution methodologies in both incident response situations as well as for planned capitol and operational plant changes. Demonstrated ability to adapt Project Management philosophies and methodologies to the claims management approach.
- Adept at cost reviews of project expenditures including analysis of labour contract wording, expediting, acceleration and betterment.
- Experienced incident investigator focused on petrochemical and industrial incidents, including oil sands and heavy oil related equipment.
- Formal training with Kepner Tregoe (KT) processes, Problem Solving & Decision Making and Root Cause Analysis as well as experience in other formal investigative techniques.
- Experienced in managing multidisciplinary and multi-organizational teams in both claim preparation and analysis as well as in investigative situations.
- Proficient with various computer platforms and software including all standard office programs as well as having a working understanding of database structures and operation.

PROFESSIONAL EXPERIENCE

2005 – present **Taylor EGC Limited**, President

Licensed Adjuster in Western Canada through Charles Taylor Adjusting

Adjusted complex property, business interruption, pollution liability, and boiler and machinery claims in oil and gas facilities (including oilsands) and heavy industrial applications. Conducted on-site investigations, damage assessments, damage related repair and commissioning scopes, cost evaluations and estimates in support of the claims process. Retained and managed third party experts in the completion of their scopes of work and managed the relationships with clients and their customers.

Notable claims include:

- Oil sands plant fire repair (property excess \$250 Million) – Analysis and adjustment of the submitted claim data (financial and engineering) on behalf of the Insurers. Managed the mapping of the claim data into a 3D CAD model for identification and quantification of betterments and acceleration/expediting. Supported external consultants for assessment of schedule and project expediting costs in alignment with Insurers wording (OIL).
- Oil sands plant ESP fire repair (1st) (property excess \$242 Million and multiple owners with separate Insurance policies) – Performed initial damage assessments and worked with the Insureds internal cause team to determine the sequence of events and Cause and Origin of incident. Provided technical oversight on scope of repairs, construction approach and project processes related to the rebuild to the adjustment team. Co-managed five person adjusting team through the analysis and adjustment process. Analysis of 650,000 invoices for expediting, acceleration and betterment in alignment with all policy wordings. Conducted negotiated settlement with all Insureds in accommodation with completed and remaining work.
- Oil sands plant ESP fire repair (2nd) (property excess \$47 Million and multiple owners with separate Insurance policies) – Performed initial damage assessments. Analysis and adjustment of submitted claim data in alignment with all policy wordings. Conducted negotiated settlement with all Insureds in accommodation of completed and remaining work.

- SAGD Oilsands plant commissioning incidents (2). (property damage for each loss roughly \$10 Million) – Assessment and adjustment of both losses. Managed third party experts to understand the nature of the incidents, reactive actions taken to mitigate damages and validate recovery process and associated costs.
- Waste heat recovery steam turbine failure (property damage and extra expenses roughly \$21 Million). Performed the initial damage survey in cooperation with Insured. Analysis and adjustment of claim for which the actual property damage was a small portion of the claim (majority of expenses were for extra expense and commissioning). Successful negotiated settlement which accounted for all parties concerns and issues.
- Pipeline failure (pollution liability in excess of \$17 Million) Developed an initial extent of impact assessment. Assess and adjust remediation expenses accounting for actual remediation events and timeline.
- Completed damage assessments for other adjusters on many different types of Oil and gas process equipment including compressors, steam and gas process turbines, power turbines and industrial equipment following incidents.

2001 – 2005 **Petro-Canada - Senior Risk Engineer, Global Operations**

Responsible for developing and implementing Corporate Risk Management philosophies globally across all company holdings, marketing the refinery portfolio to Insurance markets, communicating the corporate Risk Management philosophy and insurance coverage's internally to stakeholders and managing all large insurance claims.

Notable projects include:

- Identifying Maximum Foreseeable Loss Scenarios (MFLS) at major facilities and managing and guiding third party assessment firms to quantify the potential losses. This included multiple refineries, lubrication facilities and offshore platforms.
- Offshore FPSO claim (Delay in Start-up in excess of \$150 Million). Responsible for recruitment and management of a multidiscipline team for investigation and analysis of the impact of over 60 covered incidents, which occurred during construction, on the start-up schedule of the facility.
- Lubrication Plant Explosion and Fire (approx. \$44 Million). Responsible for guiding the internal facilities project team on damage assessment, cause and origin and quantification of incident repair scope versus executed project scope to facilitate claim development in alignment with the in-place coverage.
- Refinery Fire (approx. \$52 Million). Responsible for guiding the internal facilities project team on damage assessment, cause and origin and quantification of incident repair scope versus executed project scope to facilitate claim development in alignment with the in-place coverage.
- Investigate management risk tolerances and develop a corporate risk strategy to reduce risk in key areas to acceptable levels. Work with integrated IT team to develop intuitive tools to apply risk mitigation and reduction strategies at the field level and roll accountability and reporting functions up to the appropriate management levels.

1997 – 2001 **Nova Chemicals Limited. - Process Safety and Reliability Lead - Ethylene**

Responsible for identification, analysis and correction of physical equipment or systems as well as work practices, processes and systems that created Process Safety exposures in a large chemical plant.

Major Projects include:

- Review, mapping and analysis of weaknesses in the Engineering Design Process which created discrepancies between the Engineering records for the system design / equipment and the field condition and layout of the equipment / system that caused multiple near miss process incidents.
- Review of aging infrastructure's design parameters and comparison against existing operating conditions and philosophies. Identification of issues where plant operation was beyond current designed limits and acceptable norms. Recruited and managed a multidiscipline team to affect design and operational changes to either bring operating parameters back into acceptable or make design changes to accommodate operation parameters.
- Managed the Technical and Inspection Shutdown Team. Proposed and championed the use of Process Engineering inspections to improve plant operations. Direct involvement of team at the workface interface resulted in shortening the turnaround by 4-5 days with related cost savings.

1987 – 1997 **Syncrude Canada Ltd.**

1995-1997 - **Process Engineer – Upgrading (Refining) Division - Primary Separation Area**

Senior Process engineer responsible for operational support and optimization of plant operations protocol. Troubleshooting operational issues and inefficiencies, turn around support and mentoring of unit maintenance engineers.

1992-1995 - **Project Manager – Upgrading (Refining) Division**

Staff engineer responsible for design, implementation and field construction of Capital and operational facility changes up to \$5 million. Owner Representative for Major Projects in impacted areas larger than \$5 million. Lead investigator on several major losses including compressor, rotating equipment and pressure vessels.

1989-1992 - **Maintenance Engineer – Upgrading (Refining) Division - LC Finer**

Field engineer responsible for pressure vessels, process piping and components, rotating equipment and gas compressors. Responsibilities included transitioning the unit through start-up into regular operations, inclusive of executing ongoing maintenance and reliability measures, major equipment refurbishment and replacement projects. of ongoing maintenance, erosion improvements and establishment of reliability programs.

1987-1989 - **Maintenance Engineer – Extraction Division**

Field engineer responsible for various extraction equipment including conveyors, feed bins, tailings pipe, tailings pumps, primary separation vessels, structural infrastructure and general facility troubleshooting and capital upgrades. Responsibility included, design, coordination / execution of ongoing maintenance and reliability measures, major equipment refurbishment and owner liaison for capital replacement projects.

TECHNICAL TRAINING

ASME Section VIII Pressure Vessels

ASME B31.1/B31.3 Piping, Power and Process

Pipe Stress Analysis and Design

Rotating Seal Reliability and Failure Analysis

Principal Investigator Training

Kepner-Tregoe Problem Solving & Decision Making;

Kepner-Tregoe Root Cause Analysis

Fault tree Analysis

HAZOP Leaders Training

Welding Metallurgy and Design

Hard Coating Technologies for Life Extension

Kepner-Tregoe Project Management Approach

Managing and Planning for Effective Shutdowns; Project Assurance, Houston, Texas

H2S Alive, Enform (May 2017)

OSSA Confined Space Entry Basics, HSE Integrated (August 2009)

CIP Course work

- **Principles and Practice of Insurance,** Insurance Institute of Canada, Calgary
- **Fraud Awareness and Prevention –** insurance Institute of Canada, Calgary
- **Automobile Insurance – Part 1,** Insurance Institute of Canada, Calgary
- **Insurance Against Liability - Part 1,** Insurance Institute of Canada, Calgary
- **Insurance on Property,** Insurance Institute of Canada, Calgary
- **Essentials of Loss Adjusting,** Insurance Institute of Canada, Calgary
- **Underwriting Essentials,** Insurance Institute of Canada, Calgary

EDUCATION

1987 B.Sc. Honours (Mechanical Engineering), Queen's University

PROFESSIONAL ASSOCIATIONS & MEMBERSHIPS

- Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGA)
- Insurance Institute of Canada
- Insurance Institute of Southern Alberta