



The Horizon

TOSL's OFFICIAL NEWSLETTER

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Project Controls & Contract Management



Ravi Sookdeo, Manager - Projects and Operations

TOSL Engineering Limited operates in a fast-paced and competitive environment where careful planning, budgeting, and execution of projects are critical. The Project Controls and Contract Management (PC&CM) team was implemented to create a culture of continuous improvement within our organization. This team is led by our Senior Project Engineer, Mrs. Kylee Maharaj and falls under the Projects & Operations Group.

With PC&CM, our team members are more aware of the impact their actions have on project performance and are empowered to take ownership of their work and make improvements where necessary. The project controls we have put in place include project planning, cost management, risk management, and change management. By closely monitoring these areas, we are always aware of potential issues or delays, which allows us to address them proactively and reduce risk.

Managing contracts effectively is also a crucial aspect of our business, and PC&CM has enabled us to promote effective communication and collaboration amongst all stakeholders. This has led to better alignment of expectations, fewer disputes, and smoother execution of projects.

One of the key initiatives we have taken with PC&CM is the introduction of project Key Performance Indicators (KPIs). KPIs are metrics used to measure the progress and success of a project.

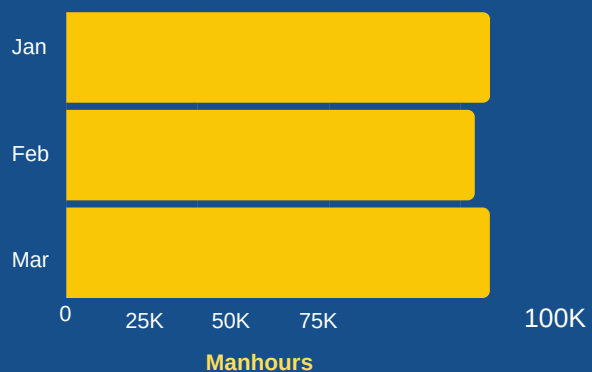
These KPIs have been instrumental in increasing our awareness and performance in areas such as HSEQ and leadership presence on site. By closely monitoring project KPIs, we have been able to identify areas where our safety performance on site could be improved and have taken steps to address these issues. As a result, we have seen a significant decrease in the number of safety incidents on our projects, which has not only improved the well-being of our team members, but also improved the overall performance of our projects.

Our focus on quality KPIs has also resulted in higher quality deliverables and fewer reworks. By continually improving our processes and procedures, we have been able to deliver projects on time, within budget, and to the desired level of quality.

In conclusion, implementing the PC&CM team was essential for the successful management of our projects. This team has enabled us to improve project performance, reduce risk, and increase awareness of project HSEQ deliverables. These initiatives have made us more competitive in the industry and will ensure our continued success.

HSSE STATS 2023 Q1:

- January - 80,569
- February - 77,647
- March - 80,510
- Total 238,726
- Restricted Work Cases - 2



Company News

TOSL WELCOMES NEW DIRECTOR



Ms. Cassandra Patrovani, Board of Directors, TOSL

On March 01, 2023 we welcomed Ms. Cassandra Patrovani to our Board of Directors.

Ms. Patrovani is the Managing Director and Lead Partner for **LaMP International Limited**, a company that she founded over 20 years ago in New Zealand which provides virtual back-office strategic design and implementation for companies around the world. As an internationally qualified Coach and Behavioural Consultant, she also supports individuals and Executives who are keen to understand and leverage their behaviours to achieve personal and organizational effectiveness.

Ms. Patrovani has extensive experience working with local and international enterprises in the areas of Strategic Planning, Performance Management, Succession Planning, Leadership and Behavioural Development, Sales and Client Service, Corporate Communications, Change Management and Organisational Development.

We look forward to engaging with her as she shares her experiences and knowledge which shall complement our existing Board capabilities and by extension assist TOSL in achieving its strategic objectives.

CONTINUED EXCELLENCE IN CORPORATE GOVERNANCE



Managing Director - Ricardo Mahadeo receiving award

Once again, on January 23, 2023, TOSL was the proud recipient of the T&T Energy Chamber Excellence in Corporate Governance Award for the fifth (5th) time. Corporate Governance is part of our Core Values and as such, it represents the standards we set, continuous improvement, compliance, and our commitment."

***"The greatest
asset of a company
is its people."
- Jorge Paulo Lemann***

Company News

PARTICIPATION CLIMATE CHANGE LEADERSHIP CONFERENCE



TOSL's Manager – QHSES, Dr. Danelle Dhaniram, represented the company at a panel discussion held by AMCHAM titled “Climate Change and COP27: The Need for Unified Caribbean Leadership” at the Arthur Lok Jack Global School of Business at Mount Hope. On the Panel was Kishan Kumarsingh from the Ministry of Planning, Indu Sharma representing AMCHAM, and Tisha Marajh, Republic Bank's Sustainability Manager. Discussions were held on the ‘race’ to net zero and how the private sector can influence this journey. Coordinated regional action is key to tackling this crisis. TOSL's expertise and experience as an Engineering, Procurement, and Construction (EPC) Contractor can be beneficial to bringing these energy efficiency and carbon mitigation projects to fruition. Discussions were held on carbon taxes and its impact at a national as well as an international level. Accommodations must be made to prevent double counting. A wealth of information was shared on the outcome of COP27 and the opportunities available for the Caribbean Region. There were also conversations around public-private partnerships to build relations and foster collaborations within the Caribbean region.

TOSL PARTNERS WITH LOKRING FOR EFFICIENT COLD WORK SOLUTIONS

Recently TOSL has engaged in a partnership with Lokring Technology to train some of our employees in using their fittings locally in all the sectors we represent. Lokring is a great substitute for hot work repairs that can be done without complete shutdown on Client's facility.

This method of cold works has been around for quite a while and has proven to be a force to be reckoned with because of their rigorous testing process. The Lokring fittings are ASME B31.1 and B31.3 tested and certified.

Through our partnership with Lokring, TOSL is now one the first Companies to have six (6) certified personnel to conduct installation of fittings which range from ¼” to 3” in size, and up to 160 based on the material of choice. The variety of fittings also range from coupling, flanges and elbows in the different sizes.

The benefits of using Lokring is quicker response time to mobilize on site, reduction in the amount of equipment and manpower on site and works can be done on a live plant.



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Company News

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TOSL is currently making efforts to stock materials and commence use of this product to assist our customers with utilizing this cold work method to help save time and cost in the future.

TOSL AT THE INTERNATIONAL ENERGY CONFERENCE & EXPO 2023 - GUYANA



The 2nd annual International Energy Conference and Expo connected professionals from around the world and facilitated the exchange of ideas, propositions, and plans for fundamental advances in the energy sector. They created an enabling environment for collaboration, building strategic relations and allowing the continued rapid growth of Guyana's economy. After several business trips to Guyana for just over a decade, it was clear to see the development of roads, bridges, hotels and of course its quickly expanding Oil Gas Industry.

It was insightful to hear the various members of Parliament talk about their plans for Guyana amidst their theme 'One Guyana'. There was a strong focus on maximising their return from Oil Revenues, ensuring the continued development of their Agriculture Sector for attainment of Food Security and the keen interest on decarbonisation

in the medium to long term.

We met with our partners to explore some of the new opportunities within the country and look forward to investing in developing local capability in country to support the growing needs for engineered solutions we are accustomed providing regionally.

"THE BEST WAY TO PREDICT THE FUTURE IS TO CREATE IT."

-ABRAHAM LINCOLN



Quality Lessons Learnt



1 WHAT HAPPENED

- Whilst working on client site an issue was raised where there were no designated welfare area for employees.
- Employees were utilizing the same area where fibre glass works were being carried out.

2 IMMEDIATE ACTION

- The client provided welfare area for the TOSL team.

3 CONSEQUENCE

- There were immediate consequences, discussion was held with client.

4 LESSONS LEARNT

- Ensure proper arrangements are made prior to the commencement of work to ensure the hazards involved handling fabric glass materials are communicated and mitigated.

5 COMMUNICATION

- TOSL requested from the client a designated welfare area for employees.

Product & Service Spotlight

Pentair - One-Stop Solution for Premium Pumping Systems and Accessories



In business since 1966, Pentair is a leading global manufacturer of high-quality pumps and related equipment, designed to cater to a vast array of applications and industries. With a commitment to delivering innovative, efficient, and reliable solutions, Pentair ensures that customers find the perfect product to meet their specific needs. We sell and service their extensive range of premium products, including fire protection pumps, HVAC pumps, wastewater pumps, and much more.

Products & Services

Pentair's comprehensive portfolio of pump solutions covers a diverse range of applications, from fire protection and HVAC systems to water supply, irrigation, and wastewater treatment. They also provide a wide variety of pump types and accessories, as well as innovative valve and control solutions to ensure smooth and safe operation of pumping systems. Additionally, Pentair offers integrated pump systems and expert support for installation and maintenance.

Key Advantages

Pentair's key advantages lie in their commitment to innovation, quality, and customer satisfaction. With over five decades of experience, they have established themselves as a trusted supplier of pumps and related equipment, providing tailored solutions for residential, commercial, and industrial clients worldwide. By offering a broad range of premium products, cutting-edge technology, and unparalleled customer support, Pentair is your one-stop solution for all your pumping system requirements.



Pump Solutions for Every Application: Pentair offers a comprehensive portfolio of pumps for diverse applications, including fire protection, HVAC systems, water supply, irrigation, and wastewater treatment.



High-Performance Pump Types and Accessories: Pentair provides a variety of pump types and accessories, such as split case pumps, submersible pumps, in-line pumps, end suction pumps, seals, couplings, and replacement parts.



Innovative Valve and Control Solutions: Pentair's range of valves and control solutions includes pressure relief valves, check valves, float switches, and controllers to ensure smooth and safe operation of pumping systems.



Complete Pumping Systems and Services: Pentair offers integrated pump systems, assembly kits, filters, reactors, and control panels, along with expert support for installation and maintenance.



SPLIT CASE PUMPS



VERTICAL TURBINE PUMPS



IN-LINE PUMPS



END SUCTION PUMPS



IN-LINE PUMPS



JOCKEY PUMPS



COMPACT PUMPS



SYSTEMS



ACCESSORIES



SPLIT CASE PUMPS



END SUCTION PUMPS

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Product & Service Spotlight



FW Murphy, a reputable company with a rich history dating back to 1939, has been a leading supplier of Instrumentation & Control solutions for various industries. With decades of experience and expertise, FW Murphy is committed to delivering high-quality products and services that meet the diverse needs of its customers. FW Murphy is a trusted supplier of Instrumentation & Control solutions, offering a diverse range of products and services for various industries. With their long-standing history, commitment to quality, and customer-focused approach, FW Murphy is the ideal partner for your instrumentation and control needs.

Key Advantages: Why Choose FW Murphy

- **Established Expertise:** With more than eight decades of industry experience, FW Murphy has honed its skills in developing and manufacturing reliable, innovative products that cater to diverse applications.
- **Quality Assurance:** FW Murphy is committed to delivering high-quality products that adhere to stringent industry standards, ensuring that customers receive long-lasting, dependable solutions.
- **Customization:** Recognizing that every client has unique needs, FW Murphy offers customized solutions to meet specific requirements, ensuring seamless integration with existing systems and processes.
- **Comprehensive Support:** FW Murphy provides exceptional customer support, including technical assistance, training, and after-sales service, ensuring that customers can maximize the value and performance of their investment.
- **Global Reach:** With a vast network of distributors and partners, FW Murphy's products and services are available to customers worldwide, making it easy for businesses to access their innovative solutions.



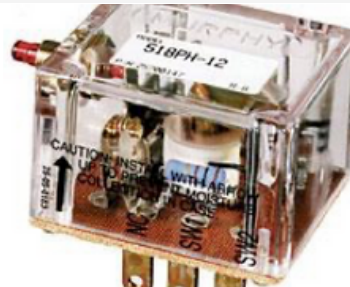
Monitoring and control systems:

FW Murphy provides state-of-the-art monitoring and control systems that enable seamless management of equipment and machinery. These systems help ensure optimal performance and efficient use of resources.



Valves, Gauges and indicators:

With a wide selection of gauges and indicators, FW Murphy ensures that users can accurately measure and monitor various parameters, such as temperature, pressure, and fuel levels, for improved operational safety and reliability.



Sensors and switches:

FW Murphy offers an extensive line of sensors and switches that deliver precise measurements and dependable control of critical processes and equipment. These switches bring dependability and reliability to any system.



Controllers and panels:

FW Murphy's range of controllers and panels are designed to provide efficient, user-friendly control of equipment and processes, ensuring seamless integration with existing systems.

Global Reach:

Engine protection systems: FW Murphy is renowned for its robust engine protection systems that safeguard valuable equipment from potential damage due to operational failures or hazardous conditions.

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Meeting the Challenge: TOSL's Successful Mobilization of Offshore Equipment and Manpower Within a Tight Deadline



TOSL's aim is to be our clients first call when they have an emergency or have a job that needs to be done within the shortest period as it pertains to being a 24-hr. operation. This meant that when we were engaged by a client at 6pm in the evening to mobilize offshore for 8am next morning we had to make miracles happen.

We firstly had to engage the client and remind them that based on their protocol equipment's had to be pre-mobbed prior to shipping and therefore, to make a deadline for 8am would be impossible. As such a decision was made to have equipment arrive for shipping at 2pm and manpower to report to the heliport by 1pm on the said day.

This meant on our side we had to involve all supporting departments within this window including management since we would need approval to proceed without PO but confirmation email with job. This was the easy part since we had to now convince a crew to go offshore in a couple of hours the day before a holiday. Considering all these facts we were able to meet the deadline to mobilize both equipment and manpower and to successfully and safety support the client in the scope assigned.

Even though we were put under pressure, and we would have had some challenges to mobilize at short notice we were able to use the ONE TOSL approach to engage all parties internally needed to ensure our commitment to Client Commitment and Satisfaction.

*Opportunities don't happen,
you create them.*


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THANK YOU

THE HORIZON IS THE OFFICIAL
QUARTERLY NEWSLETTER OF TOSL
ENGINEERING LIMITED. IF YOU HAVE
ANY QUESTIONS OR COMMENTS
PLEASE FEEL FREE TO CONTACT US

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If you have a concern about TOSL
you can report it anonymously any
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OR

+1 877 RPT-LINE

OR

Report Online www.tosl.com

username: tosltd

Password: reportit