

Capability Statement

Industrial Plant Services



Building on **TEG Projects'** deep experience and long-standing relationships across the food, beverage and manufacturing sectors in New Zealand and Australia, the Industrial Plant Services division delivers client-side project management and engineering support for critical site infrastructure, asset replacements and improvement strategies.

— **RHYS KNAUF**

Industrial Plant Services Lead

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Our Approach & Services

Our approach is to be collaborative and practical. We work alongside clients, technical experts, contractors and equipment suppliers to help plan and deliver projects that work in real operating environments.

Our project managers are supported by experienced technical leads and specialist input where needed, from early concept development through to commissioning.

Our Values

INTEGRITY



PRIDE



COLLABORATION



We work openly, involve the right people, and focus on practical solutions that can be delivered and maintained over time.



Our Services Include:



Strategy development

Assessing manufacturing needs, validating assumptions through stakeholder engagement, and consulting with vendors to clarify options



Project governance and alignment

Through stakeholder engagement with clear communication, including mapping rationale for decisions and identifying gaps in existing knowledge



Programme management

To support medium and large, long term strategic objectives



End-to-end client-side project management

Feasibility, design management, procurement, construction management, commissioning, and handover



Risk and compliance management

To assist in identifying the best level of regulatory compliance for your business



Energy balances and process design

To optimise heat loads and minimise carbon footprint



Technical support and industry insights

Applying hands-on industry experience to inform project strategy, identify risks early, and guide practical, fit-for-purpose solutions



Cost estimation

Providing structured cost estimates and commercial insight to support investment decisions, procurement strategy, and project delivery

Where needed, projects can be supported by specialist safety and risk services with TEG Risk.

- HAZOP facilitation: leading structured workshops to systematically identify and address process safety risks
- Safety in Design: integrating safety principles throughout the project lifecycle to minimise risks and ensure compliance with relevant standards
- Process safety, Functional Safety, LOPA studies, SCE verification
- Machine Safety Risk Assessments, technical specification and system validation
- Explosive Gas and Dust Hazardous area assessments, classification and documentation



tegrisk.co.nz
tegrisk.com.au

Specialist Areas

OUR TEAM HAS SPECIALIST EXPERIENCE
DELIVERING SUCCESSFUL PROJECTS IN:

Refrigeration 	Decarbonisation; heat pumps, electric and biomass boilers 	Potable water 	Wastewater treatment 
Specialty gases (CO₂, NH₃ and others) 	Steam reticulation, pressure vessels and boiler 	Electrical HV, distribution and controls 	Chemical storage 
HVAC 	Fire Protection 		

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Proven Outcomes

We have a track record of successfully delivering capital projects for a wide range of clients across Australia and New Zealand.



FONTERRA HAUTAPU WASTEWATER TREATMENT PLANT UPGRADE

TEG Projects supported the delivery of advanced wastewater treatment infrastructure at Fonterra's Hautapu site as part of a wider capital works programme. The project improved treatment performance and supported long-term environmental compliance and system efficiency.

AMMONIA SAFETY UPGRADE PROGRAMME

We delivered a multi-year ammonia safety upgrade programme across four North Island sites for a large manufacturing client. The work included targeted improvements to detection, ventilation and emergency shutdown systems, with each site tailored to existing infrastructure and operational requirements.



SILVER FERN FARMS DECARBONISATION

The team worked with Silver Fern Farms on a decarbonisation project at its Christchurch plant to eliminate coal use and lower emissions. Co-funded by EECA, the project supported the site's broader sustainability goals eliminating more than 1,500 tonnes of coal each year.

Proven Outcomes

We have a track record of successfully delivering capital projects for a wide range of clients across Australia and New Zealand.



FONTERRA CHEMICAL COMPOUND UPGRADE

TEG Projects delivered a chemical compound upgrade for Fonterra Waiota after an audit identified issues with the existing storage facilities. The project covered detailed design through to commissioning and sign-off, helping ensure the site met the required standards.



WWTP MCC UPGRADE & BORE

This project involved the upgrade of ageing wastewater treatment plant infrastructure, including critical electrical systems and established a new non-potable bore supply. Delivered within a live operational environment, the project also expanded to include a bore upgrade to support the site's future water supply.



FIRE SUPPRESSION UPGRADE

TEG Projects delivered a fire suppression system upgrade in response to regulatory changes around PFAS-based foams. The project was planned and delivered around operational requirements, allowing the upgrade to be completed without disrupting production.



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Why choose TEG Projects?

01 Outcome-focused delivery, with a strong emphasis on practical implementation

02 Deep technical and regulatory expertise

03 Long-term client relationships built on trust and collaboration

04 Independent, client-side advocacy and complete PM services

05 Commitment to safety, sustainability, and operational excellence



05 Our People



Rhys Knauf

INDUSTRIAL PLANT SERVICES
LEAD/SENIOR PROJECT
MANAGER, SAFETY ENGINEER

Rhys Knauf is the Industrial Plant Services Lead at TEG Projects and a TÜV Nord Certified Machine Safety Expert with 15 years' experience delivering complex industrial projects across New Zealand's Utilities, Food & Beverage, FMCG, Pulp & Paper, and Chemical Manufacturing sectors. Rhys specialises in practical, high-impact solutions for brownfield upgrades, asset replacement, and plant safety improvements, combining deep technical knowledge with structured project delivery and a collaborative, solutions-driven approach.

KEY HIGHLIGHTS

- Practical, solutions-driven approach and expertise in regulated environments.
- Strong background in multidisciplinary capital project delivery, risk management, and processes.
- Collaborative communicator, ensuring clear alignment from concept through to commissioning.



Altan Gurevin

SENIOR PROJECT MANAGER

Altan Gurevin is a Senior Project Manager with strong experience in industrial utilities, refrigeration, and manufacturing plant services. With a hands-on engineering background, Altan brings a structured, detail-focused approach to delivering complex projects across food processing, water treatment, and heavy manufacturing environments, from project definition through to commissioning.

KEY HIGHLIGHTS

- Project Manager for a Silver Fern Farms refrigeration plant replacement, including a new building and 4 MW ammonia refrigeration system with integrated pump, designed to integrate with an electric boiler and eliminate coal from site.
- Specialist experience in potable water treatment systems, including treatment, storage, and reticulation.
- Proven capability managing site utility projects from definition through design, construction, and commissioning within operational industrial sites.



Jamie Wilson

BAY OF PLENTY REGIONAL
MANAGER

Jamie Wilson is a Senior Project Manager and Regional Manager with extensive experience delivering capital wastewater treatment and industrial infrastructure projects. He brings a structured, safety-focused approach to complex project delivery across brownfield and greenfield environments within food and manufacturing sectors.

KEY HIGHLIGHTS

- Design and commissioning manager on the Fonterra Hautapu Wastewater Treatment Facility.
- Delivery of wastewater, irrigation, and by-product storage projects across Fonterra sites.
- HAZOP facilitator and senior project manager with strong risk-management capability in food and manufacturing environments.

The TEG Projects team is at the heart of our business. We believe in the value of collaboration, sharing our knowledge and working together to create innovative and practical solutions that successfully deliver projects.



Graham Brooks

PROJECT MANAGER

Graham Brooks is a Senior Project Engineer and Project Manager with extensive experience delivering chemical handling and process infrastructure upgrades, alongside critical fire protection systems, within live operational environments. His work focuses on improving safety, compliance, and operational reliability across food and industrial manufacturing sites.

KEY HIGHLIGHTS

- Delivery of Hazardous chemical and infrastructure upgrades to meet compliance standards, including bulk storage, batching, transfer, and dosing systems.
- HSN0-compliant chemical storage, handling, and reticulation systems, replacing legacy assets with safer, fit-for-purpose infrastructure.
- Delivery of fire protection upgrades, including pre-action sprinkler and fire alarm systems, to meet regulatory and operational requirements.



Ken Camden

SAFETY ENGINEER

Ken Camden is a seasoned Engineer at TEG Projects, bringing over 30 years of hands-on electrical engineering experience in industrial environments. A TÜV NORD Certified Machinery Safety Expert and Registered Licensed Electrician, Ken specialises in practical electrical solutions, power supply upgrades, and energy management for manufacturing plants.

KEY HIGHLIGHTS

- Extensive expertise in electrical design, installation, and commissioning of industrial systems.
- Delivered major power infrastructure upgrades and energy efficiency projects.
- Skilled in automation, control systems, and troubleshooting complex electrical issues.
- Strong track record in developing and implementing electrical safety standards.
- TÜV NORD CMSE® - Certified Machinery Safety Expert 2017 (Recertified (2021)).



Wayne Bickers

SENIOR PROJECT MANAGER

Wayne Bickers is a Senior Project Manager with extensive experience delivering capital projects involving pressure vessels, steam systems, and thermal utilities within food and FMCG manufacturing environments. He brings a structured, disciplined approach to project scoping and delivery, with a strong focus on safety, hygiene, and regulatory compliance.

KEY HIGHLIGHTS

- Boiler, pressure vessel and sterilisation systems, including replacement and refurbishment of continuous pressure vessel cookers / sterilisers within food manufacturing facilities.
- Delivery of CIP and inline chemical cleaning system upgrades, supporting hygienic design, process safety, and regulated manufacturing requirements.

Let's discuss how TEG can support
your next project—safely, efficiently,
and with lasting value.



Your Projects Delivery Partner

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