

K999

ENGINEERING &
CONSTRUCTION CO., LTD.

COMPANY CAPABILITY STATEMENT

Quality Steel Fabricators



+66 (0) 38968884

K999thailand.com

174 Tambon Map Kha, Amphoe
Nikhom Phatthana, Chang Wat
Rayong 21180



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CLIENTS



CUEL

DEDERT

DOOSAN



DRA



GOOD DRINKS AUS

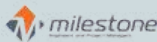
GLENCORE



KARARA MINING LIMITED



McArthur River Mining



Rio Tinto Alcan



CERTIFICATIONS

CERTIFICATE

This is to certify that

K 999 Engineering & Construction Co., Ltd.

174 Moo 5 Tambol Mapkha, Amphur Nikompattana
Rayong 21160
Thailand

has implemented and maintains a Quality Management System

Scope: The Manufacturing of shop fabrication and construction items for heater, reformer, pressure vessel, stack, duct, structure steel piping, pipe induction bends & other plant and equipment

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	391555 QM15
Date of revision	2025-04-15
Valid from	2025-04-10
Valid until	2028-04-09
Date of certification	2025-04-15



DQS GmbH

Guido Eggers
Managing Director



Accredited Body: DQS GmbH, August-Schurz-Strasse 21, 60433 Frankfurt am Main, Germany
Administrative Office: DQS MSS (Thailand) Ltd., Level 15, 46175, Life @ Sathorn 11, Sathorn 10, Silom, Bangkok, Bangkok 10500 - Thailand
The validity of the certification can online verified by the QR code.

ISO 9001 : 2015 – QUALITY MANAGEMENT SYSTEM

Certified by UL DQS MSS (Thailand), K999 Engineering & Construction Co., Ltd. upholds international standards of quality across fabrication, pipe spooling, and structural steel manufacturing.

The company's certification ensures full traceability, meticulous documentation, and strict compliance with ASME, PED, and API codes.

- Certificate No: 391555 QM15
- Valid Until: 2028-04-09
- Standards: AS, ASME, PED, EN, BS, GB, API, AWS



Certified by UL DQS MSS
Thailand – Quality Management



Authorised for fabrication of
pressure vessels and heat
exchangers



Government Board of
Investment Thailand –
Fabrication & Export Licence

FACTORY



Workshop 2
Cranes 10 Ton
Covered Operations
2,000 sqm



Workshop 3
Heat Induction Bending
Machine
Cranes Ton
Covered & Open
Operations 1,430 sqm



Workshop 1
Laser Cutting
Rollers
Cranes 5 & 10 Ton
Covered Operations 10,000sqm
Office 1 & 2
Engineers Department



LEAD TEAM & DIRECTORS



DENNIS HOCKIN
Managing Director

Executive leadership with 50 years in the metal industry, specialising in high-level business management, market development, and tender preparation.



BRETT CAREY
General Manager

Senior Manager and Project Director with 40 years experience, specialising in the delivery of Heavy Industrial Engineering and Construction projects.



DANIEL HOCKIN
Business Development

Proficient in client relationship management and driving complex international fabrication projects from concept through to completion.



CORINA HOCKIN
Director / Operations Manager & Digital Marketing

Responsible for content strategy, digital engagement, presentations, and the end-to-end procurement of all corporate materials.



ATIHPAT KAMHOM
QC/QR Manager

Quality Assurance/Control (QA/QC) specialist with over 15 years experience in applicable codes, management system implementation, and client project success.

SERVICES

PIPE SPOOLING

Offering fabrication and assembly of piping components for various industrial applications. With engineering and quality control, spools are fabricated to exact specifications, ensuring faster installation, reduced costs, and minimised disruption.



STRUCTURAL STEEL

Crafting durable frameworks for buildings and bridges through precision cutting, bending, and assembly.



TANKS

Durable tanks for various industrial applications, ensuring quality and reliability in storage and transportation solutions.



CHUTES, HOPPERS & MINING EQUIPMENT

Solutions tailored to mining industry needs, ensuring efficient material handling and processing for enhanced productivity and safety.



PRESSURE VESSELS

Expert manufacturing of durable containers for safely storing and transporting liquids or gases under pressure, meeting rigorous industry standards.





ATLANTIC

K999 completed tank fabrication and installation for a fire suppression project in Khon Kaen, Thailand, on behalf of Atlantic Design Group (USA), showcasing our capability in delivering high-spec safety-critical equipment.

ATLANTIC DESIGNS GROUP

CUEL CHEVRON INTEGRATED WHP

Offshore piping, structural steel, this was carried out over some 9 years and included the supply of heat induction bends, fabricated pipe spooling and structural steel works, including approx. 30 Wellhead platforms, for the Gulf of Thailand.

CUEL



16" PIG LAUNCHER GWF-1

Collaborating with Baker Hughes Australia Pty Ltd. This project involved the fabrication of one 16" Pig Launcher / Receiver, using high grade stainless steels, duplex & super duplex.

BAKER HUGHES

ESP-GSP6 PROJECT

Our collaboration with Balance Engineering & Construction on PTT's ESP/GSP6 project highlights our heavy steel fabrication expertise through the successful delivery of a 6m x 110m stainless steel stack liner (210 tons).

BALACNED ENGINEERING



HIDDEN VALLEY PROJECT

K999 fabricated quality pipe spools for Harmony Gold's water process systems in Hidden Valley, Papua New Guinea. Each spool is built to specification, engineered for durability in mining conditions & delivered with complete QA/QC documentation, further reinforcing our commitment.

HARMONY GOLDS

GOOD DRINKS

K999 Engineering fabricated structural steel walkways, access platforms & process piping for Good Drinks Australia's brewery and cider facility upgrade to Australian standards.

GOOD DRINKS



BLUE PHOENIX IBA PROJECT

Kerman Contracting on the Blue Phoenix IBA Processing Facility in Australia showcased our steel fabrication capabilities through the delivery of 16 hoppers (45 tons), Delivered into Henderson Westren Australia.

KERMAN

BASSARI MINING PROJECT

Our collaboration with Mincore on the Bassari Mining Project in Senegal demonstrated our global fabrication expertise through the delivery of tanks, chutes, and structural steel (120 tons), during the covid pandemic.

MINECORE



FFE SEPARATORS

Proudly carrying out tanks and exchanger fabrication works for our clients, Dedert Corporation. K999 were entrusted with the FFE Separator and Crystallizer H4 project, weighing a total of 50 tons for Ajinomoto Co. LTD.

DEDERT

FPSO MV20 + FPSO P-57

A strong collaboration with Tulsa Heaters Inc. on FPSO MV20 (Offshore Congo) and FPSO P57 (Offshore Brazil) showcased our ASME-certified fabrication expertise through the supply of advanced waste heat recovery units (WHRUs), delivering critical energy efficiency solutions for offshore operations.

TULSA HEATERS INC



PORTABLE WASTE MANAGEMENT INCINERATOR

KURMUK GOLD MINE PROJECT – AFRICA

The portable waste management incinerator for the Kurmuk Gold Mine demonstrates K999 Engineering & Construction Co, Ltd.'s capability in delivering reliable, environmentally responsible solutions for the mining sector.

Designed for efficient waste treatment in remote locations, the system supports sustainable mining operations while maintaining full compliance with international environmental and safety standards.

Project Overview

- Client: DRA Global South Africa
- Design & Engineering: Engineering Solutions International Co, Ltd.

Fabrication Details

The incinerator was fabricated and fully assembled at K999's 33,000 m² facility in Rayong, Thailand, where it underwent comprehensive testing and quality assurance before shipment.

Key Features:

- Engineered for long-term efficiency and durability
- Portable design adaptable to remote mine site conditions
- Compliant with international waste management regulations
- Successfully completed Factory Acceptance Test (FAT) and final inspection



GUIDAIDARRI PROJECT

LANG O'ROURKE PROJECT – WESTERN AUSTRALIA

A comprehensive piping package was supplied through Lang O'Rourke, further strengthening K999 Engineering & Construction Co, Ltd.'s reputation for delivering high-quality industrial fabrication solutions.

Valued at approximately US\$4.5 million, the project was completed ahead of schedule in September 2021, demonstrating precision, efficiency, and adherence to international standards.

Project Overview

- Client: Laing O'Rourke
- Project Value: Approx. US\$4.5 million

Scope of Work

- Pipe spool fabrication
- Surface treatment to meet stringent durability and quality standards
- Fabrication of approximately 100 tons of structural steel

Fabrication Details

More than 80,000 Diameter Inches (DI) of piping were fabricated, reflecting K999's capacity to execute large-scale, high-volume fabrication with accuracy and quality.

All items were carefully prepared and shipped to Port Hedland, Western Australia, ensuring smooth installation and integration at the client's site.



321 STAINLESS STEEL FURNACE HOOD COMPONENTS

LIBERTY, BELL BAY, TASMANIA, AUSTRALIA

Critical furnace hood components were fabricated for LIBERTY, BELL BAY, demonstrating K999 Engineering & Construction Co., Ltd.'s capability in large-scale stainless steel fabrication for advanced industrial applications.

Each component, measuring approximately 10 meters in diameter and weighing over 20 tons, was constructed using high-grade 321 stainless steel to meet the demanding operational requirements of modern steel production.

Project Overview

- Client: LIBERTY, BELL BAY
- Material: 321 Stainless Steel
- Size & Weight: ~10m diameter | ~20 tons total

Project Highlights

- Expertise in large-scale stainless steel fabrication
- Compliance with international fabrication and safety standards
- Secure packing for long-distance global shipment
- On-time delivery to meet client production schedules



KARARA IRON ORE PROJECT

WESTERN AUSTRALIA

The Karara Iron Ore Project showcased K999 Engineering & Construction Co., Ltd.'s proven expertise in the supply, fabrication, and surface treatment of complex piping systems. The scope included process piping in both carbon steel and stainless steel, with full end-to-end fabrication and treatment capabilities.

Project Overview

- Client: Karara Mining Limited
- Scope: Process piping in carbon and stainless steel

Scope of Work

- Supply, manufacturing, and surface treatment of all fabricated pipe spooling & supports
- Rubber lining for enhanced durability and corrosion resistance
- Qualified welding procedures performed by certified welders
- Non-Destructive Testing (NDT) compliant with Australian and international quality standards

Fabrication Details

The project was executed within 7 months, meeting all client delivery milestones and stringent quality requirements without exception.

In total, K999 fabricated and delivered:

- Over 17,500 pipe spools
- Long-radius heat induction bends
- Approximately 500,000 Diameter Inches (DI) of pipework
- A total weight of 3,537 tons of piping

Project Highlights

With advanced facilities and an experienced team, K999 has the capacity to fabricate up to 1,000,000 Diameter Inches (DI) of pipe spooling per year on a single shift ensuring speed, reliability, and superior quality across projects of any scale.



WILDFIRE ENERGY PROTOTYPE MIHG REACTOR MODULE

PILOT PROGRAMME – BRISBANE, AUSTRALIA

We fabricated the prototype MIHG reactor module for Wildfire Energy's pilot programme. The module was manufactured to meet Wildfire's process and structural specifications, assembled at K999's Map Kha yard, and prepared for international transport.

Project Overview

- Client: Wildfire Energy
- Scope: Fabrication and assembly of MIHG reactor module

Scope of Work

- Fabrication of the MIHG reactor module to process and structural specifications
- Assembly of module components, including gasifier shell, refractory, access hatches, oxidant ports, and external skirts for blowers and instrumentation
- Integration interfaces for downstream cleanup and gas-handling systems
- Compliance with ASME-grade pressure vessel standards and strict QA/QC procedures
- Preparation for ocean transport with CSC-compliant intermodal container, including load-out and sea-fastening documentation

Fabrication Details

The project leveraged K999's 33,000 m² yard and specialist facilities, including:

- Heavy-fabrication and ASME-grade pressure vessel shop
- Induction bending
- Blasting and painting bays
- Modular assembly capacity

Final QA/QC checks were completed before shipment. The module departed Laem Chabang port under full export customs clearance and safely shipped to Brisbane, Australia.



KINGS VALLEY SOLOMONS PROJECT

RCR – WESTERN AUSTRALIA

The King Valley Solomons Project, contracted by RCR Tomlinson for Fortescue Metals, required exceptional precision and reliability in pipeline infrastructure fabrication.

Delivering high quality pipe spooling solutions that met the demanding standards of this large scale mining development.

Project Overview

- Client: RCR Tomlinson for Fortescue Metals
- Scope: Pipe spooling fabrication and delivery

Scope of Work

- Fabrication and supply of 119 structural steel modules, including conveyors, walkways, chutes, and pipe spools
- Expert fabrication of pipe spools and structural components to exact design specifications
- Strict adherence to Australian and international quality standards
- Implementation of qualified welding procedures and skilled workmanship
- On-time delivery within tight project timelines
- Close collaboration with RCR Tomlinson to ensure seamless execution



DAEWOO PROJECT

DAEWOO – RAYONG

We fabricated high quality pipe spools for DAEWOO. The project required careful attention to detail to ensure that every spool fit seamlessly into the broader pipeline system. Using K999's proven fabrication processes, the team delivered components that met strict industry standards and were ready for integration on schedule.

Project Overview

- Client: DAEWOO
- Scope: Pipe spooling fabrication and delivery

Scope of Work

- Fabrication of pipe spools according to exact design specifications
- Compliance with Australian and international quality standards
- Use of approved procedures and skilled personnel to ensure long lasting durability
- On-time delivery within project schedules
- Close coordination with DAEWOO to ensure smooth integration into the pipeline systems.

Fabrication Details

All pipe spools were fabricated and assembled at K999's facility in Rayong, Thailand, where strict quality control measures ensured each component met project requirements. The work was completed efficiently, allowing for timely shipment and integration on site.



CITECH NEXUS 16 & NEXUS 20 PROJECT

CITECH - PERTH AUSTRALIA

Project Overview:

The K999 Project, contracted by Citech, required precision manufacturing, hydraulic integration, and full mechanical assembly of the NEXUS 16 and NEXUS 20 units. Delivering complete structural fabrication, hydraulic installation, and mechanical fit-out solutions that met the required engineering, safety, and performance standards.

Scope of Work

- Fabrication and assembly of primary and secondary structural components for NEXUS 16 and NEXUS 20
- Manufacture of main chassis, base frames, supports, mounting plates, and guarding structures
- Full hydraulic system installation including cylinders, manifolds, control valves, hose routing, and hydraulic power units
- Integration and secure mounting of all hydraulic components in accordance with system schematics
- Mechanical fit-out including installation of drive components, shafts, bearings, linkages, and pivot assemblies
- Alignment, torque verification, pressure testing, and quality inspections to ensure operational readiness
- Strict adherence to approved engineering drawings, dimensional tolerances, and project specifications
- On-time completion and delivery, ready for commissioning and deployment



SILOS & STEEL SUPPORT STRUCTURE

LIME SYSTEM – JOHN HOLLAD > SYDNEY AUSTRALIA

Project Overview:

K999 Engineering fabricated and shipped BioChar Storage Silos, Support Structures, and Bin Activators for Lime Systems – Bulk Storage Solutions Pty. Ltd. and their client John Holland successfully from Thailand to Australia and to project schedule.

This project included full fabrication, blasting and painting, pre assembly and trial fit up, QA/QC inspections, export preparation, and international shipping coordination to NSW Australia.

Scope of Work

- Structural steel fabrication
- Silo fabrication
- Bin activators
- Internal and external 3 coat paint systems
- NDT inspection and QA documentation
- Pre assembly and trial fit up
- Breakbulk and containerized shipping
- Export logistics coordination to Australia



CONTACTS



+66 (0) 38968884
+66 (0) 655291204



k999thailand.com



Info: info@k999thailand.com
MD: Dennis.h@k999thailand.com
GM: Brett.c@k999thailand.com
QC/QA: Atiphat.k@k999thailand.com
BD: Daniel.h@k999thailand.com



[K999 Engineering & Construction Co., Ltd.](#)



174 Tambon Map Kha, Amphoe
Nikhom Phatthana, Chang Wat
Rayong 21180



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FOR
QUALITY
STEEL
FABRICATION