

EHL Group Capability Statement 2026

Executive Overview

EHL Group is a New Zealand and Australian engineering organisation delivering locally engineered, manufactured, and supported systems with global reach. We specialise in engineered projects, plant and equipment support, and long-term lifecycle services across energy, defence, offshore, agriculture, civil, and industrial sectors. With strong regional engineering capability and extensive international deployment experience, EHL provides clients with local accountability, technical authority, and dependable delivery for critical applications.

Core Engineering & Design Capabilities

- Mechanical, hydraulic, electrical, and electro-hydraulic engineering design
- Automation and control systems engineering (PLC, IQAN, simulation and modelling)
- Instrumentation and process control system design
- 3D CAD modelling, simulation, and digital prototyping
- Hazardous-area and offshore-rated system design to international standards
- Engineering governance, documentation, and design assurance

Manufacturing, Fabrication & Assembly

- Precision fabrication and assembly of engineered systems and components
- Hydraulic cylinder supply, repair, and testing (7.5 m hydraulic cylinder bench)
- Welding, fitting, machining, and light engineering services
- Clean-room assembly for contamination-sensitive systems
- Hydrostatic pressure testing up to 62,000 psi
- Factory acceptance testing and system validation

Energy, Process & Industrial Systems

- Gas boosters, test packs, and chemical injection systems
- Skid-mounted and containerised process systems
- Critical flow components for energy and industrial applications
- Compressed air, nitrogen, and oxygen system design and integration
- Gas generation systems (Nitrogen & Oxygen)
- Integration with existing plant and infrastructure

Automation & Electrical Engineering

- High-performance control systems for industrial and offshore applications
- Motion control and electro-hydraulic system integration
- Electrical system design, commissioning, and fault diagnostics
- Process automation and material handling systems
- Application-specific controllers and valve control systems
- Energy efficiency optimisation and system performance improvement

Defence, Marine & Offshore Systems

- Naval and maritime access systems (static and automated gangways)
- Marine hydraulic systems and offshore equipment
- Shell doors, stabilisation, and tensioning systems
- Defence-grade engineering, QA/QC, and documentation
- Offshore servicing with BOSIET-certified technicians
- Support for defence, commercial marine, and offshore assets

Civil Engineering, Heavy Plant and Equipment

- Supply and support of primary equipment for diverse civil and infrastructure applications - Primary PDX sales and service partner (Taranaki, NZ)
- Design, manufacture, and support of hi-rail vehicle and equipment systems
- Design, manufacture, and support of cable winding systems
- Custom or standard excavator attachments
- Industrial water-blasting equipment
- Air compressors and air filtration systems
- Complete equipment overhauls and rebuilds

Technical Services, Maintenance & Lifecycle Support

- 24/7 breakdown, maintenance, and diagnostic services
- Plant and machinery maintenance and shutdown support
- Elevated Work Platform (EWP) inspection and certification (CBIP)
- Fluid contamination monitoring and analysis
- Flow, pressure, and particle-counting diagnostics
- Lifecycle asset support, upgrades, and sustainment

Offshore Renewable Energy & AZURA Ocean Technology

- Primary engineering and technical partner to Azura Ocean Technology, advancing systems that convert ocean-generated heave and multi-axis motion into dependable renewable power.
- Electro-hydraulic power conversion and control systems
- Integration of ocean energy systems with desalination processes in offshore potable water generation solutions supporting island, defence, and humanitarian deployments
- Offshore structural and marine integration
- Long-term operational support and system refinement

Global and Regional Procurement

- Delivering integrated global, regional, and local supply chain solutions that ensure accurate component selection, resilient infrastructure support, and streamlined procurement processes—driving consistency, reliability, and optimised cost outcomes across all operating environments.

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