



# El&C Engineering Capability Statement

Leading with bespoke engineering, delivering efficient solutions and harnessing seamless integration, safely.

# REGOMS: Elevating Industry with Bespoke Design & Precise Engineering Solutions

## VISION

Leading the industry with trusted, bespoke engineering solutions.

## MISSION

Delivering efficient, cost-effective engineering solutions, surpassing customer expectations in service, quality, and delivery. Thriving as a one-stop solution for both sales and service.

## PURPOSE

Connecting the right vendors and suppliers for optimal efficiency and cost-effectiveness.

## GUIDING PRINCIPLES

Safety  
Quality  
Integrity  
Innovation  
Professionalism  
Collaboration



# REGOMS: Collaborating with Leading Australian Energy Firms

## OUR CLIENTS

“Crucial client relationships; proven high-quality service to Australian and global customers.”



# REGOMS: Quality EI&C Project Solutions with Customer-Focus

## COMPLETE SOLUTIONS

We excel in **end-to-end engineering**, prioritising **excellence** across industries. **Committed** to seamless project lifecycles, **ensuring** safety and compliance.

- **Oil, Gas and Petrochemical**
  - Tank Farms and Storage
  - Compressor Stations
  - Gas and Oil Wells
  - LNG and CNG Facilities
  - Loading and Unloading Facilities
  - Fuel Depots and Petrol Stations
  - Chemical Processing Facilities
- **Power, Generation and Distribution**
  - Diesel powered Generation
  - Gas fired Generation
  - Emergency Power and Black Start Systems
  - Battery and UPS Systems
  - Hybrid Energy Systems
  - Island and Grid Connected Power Stations
  - Substations
  - Switchgear and Transformers
- **Water, Wastewater and Sewage**
  - Pumping Stations
  - Water Treatment Plants
  - Sewage Treatment Plants
  - Dams and Weirs
  - Pumped-Storage Hydroelectricity
  - Water Metering/Monitoring Systems
  - Water Quality Systems
- **Advanced Analytics and Monitoring**
  - Data Storage and analytics
  - 'Digital Twin' models
  - Machine Learning and Custom Training AI Training.
  - Real-time & Predictive Analytics and Reporting
  - Process Optimization

# REGOMS: Mastering Engineering Challenges: Our Experts Deliver Solutions

**Distinguished by our Expertise:** Our seasoned, Chartered, and Certified Engineers guarantee unwavering safety, quality, and efficiency from project initiation to completion.

## **Our certifications include:**

- RPEQ/CPEng/NER Professionals (Electrical),
- Functional Safety Professionals (SIL, IEC/AS 60508/61511),
- TÜV (Rheinland/SÜD)
- Hazardous Area Classifiers and Designers (IEC/AS 60079), and
- Certified Hazardous Area Auditors and Inspectors (QLD).
- PMP and PRINCE2 (Project Management)

**Collaborating** with key partners, we extend capabilities to Process and Mechanical Engineering in Australia.

## **Key Engineering Services:**

- **Professional Oversight:** RPEQ/CPEng/NER Engineering Reviews, Supervision, and Certification.
- **Hazardous Area Expertise:** Certified Hazardous Area Classification, Design, Auditing, and Inspection (AS 60079).
- **Voltage Design:** HV, LV, and ELV design for various electrical systems.
- **Safety Studies:** Arc Flash, Fault Studies and Risk Assessments
- **Modelling for Optimization:** Power System Modelling for efficient design and operation.
- **HV Management:** HV Switching, Auditing, and Training for high-voltage systems.
- **Grounding and Protection:** Earth Grid Design, Lightning Protection.

# REGOMS: Global Engineering Solutions Provider

## KEY PROJECTS (2023)

### Electrical Engineering - Puma

Empowering Puma Sites Nationwide with Extensive Engineering Design & Support by REGOMS; supporting the electrical O&M Uplift program through high-quality services.



Cause and Effect Chart - January 2024 Configuration		RCS ID: 1001		RCS ID: 1002		RCS ID: 1003		RCS ID: 1004		RCS ID: 1005		RCS ID: 1006		RCS ID: 1007		RCS ID: 1008		RCS ID: 1009		RCS ID: 1010		
Event	Severity	Category	Priority	Impact	Response	Time	Location	Personnel	Equipment	Material	Cost	Notes	Comments	Remarks	Signature	Date	Version	Revision	Change	Reason	Approved	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

### Renewable Energy – Entyr Ltd

Driving Innovation in Renewable Energy: REGOMS Spearheads Comprehensive EI&C Projects for Entyr Pty Ltd, Encompassing FDS Reviews, PLC and SCADA Design/Programming, and Onsite/Remote Commissioning activities.

### Elevating Safety Standards - Puma

REGOMS has successfully delivered Arc Flash Study & Risk Assessments, pinpointing critical electrical hazards at Puma Bitumen Terminals. Our findings propel the implementation of robust mitigation strategies, aligning operations with industry standards for an enhanced safety landscape.

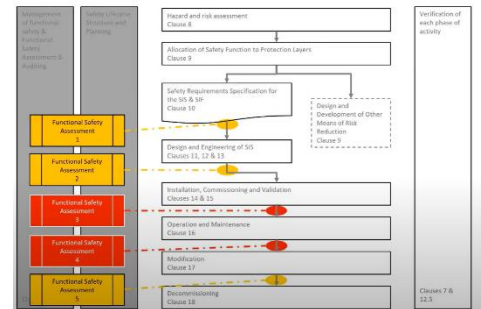


# REGOMS: Global Engineering Solutions Provider

## KEY PROJECTS (2023) – continued

### Functional safety Assessment for QAL - Rio Tinto

REGOMS marked a significant achievement by completing Stage 4 Functional Safety Assessment for QAL-RIO TINTO Digestors. This critical assessment ensures seamless alignment with Safety Requirement Specifications during the Operation and Maintenance phase, exemplifying our commitment to top-tier functional safety practices.



### RPEQ Services - NVMS & Evo Energy

REGOMS has provided electrical engineering expertise with RPEQ review and signoff for NVMS (Ampol FF project) and EVO Energy (Bowen Chiller), ensuring precision and compliance to AS/ANZ standards.

### Empowering Renewable Projects - YURIKA

REGOMS provided robust 375-750kVA Gen sets to YURIKA Solar Farms (Wellington Project, NSW & Wunghnu Project, VIC) and Wind Farms (Maclntyre & Wambo Projects, QLD).



### Elevating Safety Standards – Various Clients

In 2023, our certified Hazardous Area Classifiers have successfully completed challenging projects for EVO Energy, LC Water, and I.E BJUGAARD & N LOGAN Pty Ltd.

**For more details, reach out to us at:**

- **Business Address:** Level 1, 16 McDougall Street, Milton QLD,4064
- **Site Office:** Unit 1, 38 Limestone Street, Darra, QLD, 4076

**Contact:**

- **Phone:** +614 00 084 977
- **Email:** [sales.aus@regoms.com](mailto:sales.aus@regoms.com)
- **Website:** [www.regoms.com](http://www.regoms.com)
-  : LinkedIn