



“Efficiency Through Analysis”

Helping Australian companies streamline their processes and drive down costs



CAPABILITIES

Process Engineering & Project Management

We provide consulting, design and project management services to chemicals & minerals processing, water/wastewater, utilities, and other process industries.

- Feasibility studies.
- Process plant design.
- Control philosophy and control system design.
- Commissioning planning and management.
- Project management.
- Hazardous & dangerous goods handling & management
- Asset management planning.
- Risk reviews and management

Five Reasons to Use Engineered Efficiency

- *Innovative & cost-effective solution providers.*
- *We know how to build value for your business.*
- *Knowledgeable staff.*
- *We communicate in your language.*
- *We're agile & responsive to your needs.*

Instrumentation & Specialist Equipment

We specify and supply a range of industrial process instrumentation and specialist equipment for the process industry.

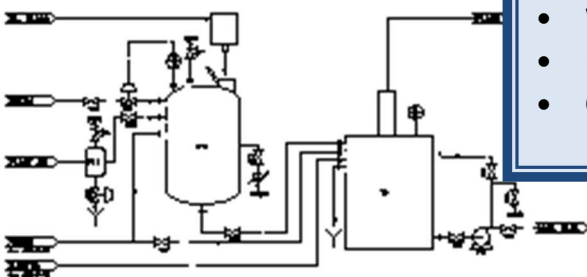
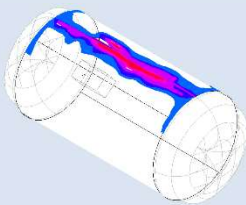
- Australian Distributors of Pulsar Process Measurement non-contact process controls and instruments.
- Suppliers of level, flow, pressure, sludge level and analytical instrumentation.
- Suppliers of telemetry and remote monitoring solutions
- Design and manufacture of dosing and mixing equipment



Process Modules & Plant Installation

Combining our Project, Engineering and Supply capabilities, we can provide innovative and cost-effective complete process plant solutions.

- Dosing modules.
- Process training rigs.
- Water treatment plants
- Waste treatment plants.
- Energy recovery systems.
- Complete process plants.





SOME OF OUR PROJECTS

Project	Type of Project	Who / Location
Supply of sewer wet well level monitoring and control equipment	<i>Supply / Advise / Support</i>	Water Corporation All of WA,
Process design for a Rare Earth processing plant taking client PFD to complete functional process, provide technical support during construction & commissioning	<i>Engineering design</i>	Process Plant, Regional WA
Redesign of acid off-gas pipework and scrubber system for improved chemical resistance and serviceability	<i>Design & Supply</i>	Process Plant Regional WA
Design of mobile sewer monitoring trailer, for analysis of gas and liquids, including sampling pump install and retrieval device.	<i>Process/Controls Engineering & and Mechanical Design</i>	Water Corporation, Leederville
Set up and commissioning of reverse osmosis water treatment plant for boiler and steriliser feed water	<i>Process Commissioning</i>	South Perth Hospital, South Perth WA
Design, construction and supply of six instrumentation training rigs.	<i>Design & Supply</i>	North Region TAFE
Design, supply and commissioning of chlorination and pH control system for 100tpd vegetable processing waer	<i>Design, Supply & Commission</i>	CenterWest Exports, Woodbridge WA
Design of system for storing and dosing a viscous, moisture sensitive resin	<i>Design & Installation Support</i>	Hexion, South West WA
Inspection, assessment and report on condition and suitability of 5 off used portable tanks intended for sulphuric acid storage, on behalf of purchaser	<i>Asset management</i>	Minerals Processor, Darwin NT
Laboratory waste collection and neutralisation system	<i>EPCM, Supply, Install, Commission</i>	Tianqi Lithium, Kwinana WA
Sourcing & refurbishment of used piston pumps to provide a rapid solution for acid slurry pumping issues	<i>Project management</i>	Process Plant, Regional WA
Design of a kiln access solution to improve safety and ergonomics for cleaning and maintenance.	<i>Design, Project Management</i>	Process Plant, Regional WA

About Engineered Efficiency

- 100% Western Australian owned.
- Experience across mineral processing, water treatment, utilities and chemical manufacturing industries.
- Supported by strong alliance partners locally and from overseas.
- Committed to providing cost-effective and fit-for-purpose process engineering solutions throughout Australia.

Contact

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