

## Engineered implementation

*Achieving project quality safely, on time and within budget*

### Challenges

Maintaining control of project safety, quality, timing and costs are vital elements in completing important projects within your business successfully.

The project could be a plant upgrade, a major equipment overhaul, installation of additional plant or development and implementation of leading-edge technology. The site could be a greenfield, brownfield, or involve work within an operating plant.

### Solutions

HRL personnel have first-hand experience and expertise in managing large, complex design and construct projects and planned shutdown outages on behalf of clients.

HRL can provide effective project implementation and management solutions that are tailored to your specific needs through:

- understanding your situation and the particular issues involved in your project and site – including those within an operating plant
- understanding fully your priorities and ensuring that all decisions taken are in your best interest
- using our technical specialists to ensure a quality outcome from contractors
- being flexible in the range of services we provide.

### Benefits

HRL's extensive expertise in project implementation and management can help your organisation by ensuring your project:

- benefits from value-adding at the design stage
- benefits from effective tender and contract preparation and effective tendering
- is delivered in a way that meets your design criteria and operational requirements
- is delivered to the required level of quality and safety, and is on time and within budget.



HRL handles routine as well as unique and complex projects

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## Applications

Specific services we provide our customers include:

- project costing, management and implementation
- job scoping
- tender document preparation
- tender evaluation, both technical and financial
- engagement of major and minor contractors
- negotiating business arrangements and forming contracts
- risk management
- construction and commissioning schedule development
- construction progress monitoring and reporting
- site supervision
- critical path management and devising recovery action after delays
- project documentation management
- preparing test procedures and conducting independent, code-based, acceptance tests
- major outage management
- acting as Principal's Superintendents on multi-faceted and complex contracts
- quality assessment and quality control of plant, equipment and components
- Australian standard compliance of overseas sourced plant and equipment.

Large and small-scale projects that HRL has managed include:

- steam-over-the fence boiler Build Own Operate projects
- power station attemperating spray installation and commissioning
- ditch bunker project and mill classifier replacement
- \$100M coal gasification and development facility
- water treatment plants upgrade
- design and construction of several unique scientific apparatus
- bulk coal road uploading station
- industrial boilers
- waste-to-energy plant
- mill desander technology
- pulverised fuel valving systems
- conveyors, fuel handling and storage systems
- power station dry bottom ash handling system, procurement, installation and commissioning
- power station brine concentrator upgrade
- power station steam coil air heater (SCAH) design and installation
- power station main steam line drains upgrade.

### Contact

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### Need more information? Go to [hrl.com.au](http://hrl.com.au)

The company's NATA Accredited Laboratories number is 561.

HRL Technology Group's ISO 9001 Quality Management is certified by BSI under certificate FS605116

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