



engenium
smart project delivery

Crane Asset Management

Cranes play a critical role in your business's day to day performance. However, they also require independent inspection and review to remain safe for use and to comply with mandatory regulatory requirements.

Engenium's independent perspective provided by our expert engineers allows you to obtain an unbiased review of your cranes situation as well as the full range of the rectification options available for compliance.

Our team of professional crane engineers are industry leaders in this field with specialist cost-effective processes to assist you in adequately controlling your regulatory and operational risks.

Engenium provides a wide range of specialist and independent crane services, including:

- DWP (Design Working Period) Assessment to ensure that your cranes have not exceeded a 'validated estimate of a safe operational life'.
- Periodic Third-Party Inspections (PTPI) to ensure independent assessment of the adequacy of maintenance and repairs and the condition of your cranes as per the regulatory requirements and Australian Standards.
- Compliance audits to all relevant Australian Standards.
- Assessment and design of adequate anti-derailment provisions.
- Assessment for continued operation following significant crane overload scenarios.
- Analysis and assessment of all damage, defects and unexpected wear and component failure encountered throughout the crane life.
- Preparation of adequate repair procedures and specifications for the reinstatement of the crane full service.
- Assessment and strengthening of cranes for compliant life extension.
- Independent engineering assessments of repair and replace scenarios with multiple OEM options.
- Certification of post Design Working Period (DWP) cranes during replacement or re-birthing.
- Classification, rating and technical specification of new cranes and hoists for the production of the clients' procurement specifications.
- Rapid situation review and advisory services for all crane problems and non-routine service events.

Delivering Value. Delivering Results.