



**engenium**  
smart project delivery

## Demolition & Deconstruction Structural Engineering Support

The understanding of structural issues and hazards reduces accidents, and saves time and money.

Engenium has experience in structural assessment and engineering support for such projects. As a multi-discipline consulting engineering firm we can also assist in areas of electrical, civil drafting, mechanical equipment and services.

We are very familiar with relevant Australian standards, WHS act and regulations and demolition code of practice.

### Services Supplied

- Preparation of detailed structural assessments
- Preparation of 3D models
- Assistance to demolition contractor in planning
- Design of temporary bracing/propping
- Lifting studies
- Site inspection during demolition
- Investigation of uncontrolled collapses.

### Previous Projects

- BHP Newcastle - steelworks demolition
- Pasminco Cockle Creek - plant demolition
- Russell Vale No. 1 - mine surface facilities
- Orica Kooragang Island Project Trident
- JSPL Coal Washery - dry screen demolition
- Zinifex Port Pirie - demolition feasibility study
- PWCS - redundant main switch room demolition
- Orica KI Ammonia Plant Upgrade

**Delivering Value. Delivering Results.**