

THIESS means reclamation



Mining is about value, and that value isn't fully realized until land is returned to a sustainable state.

fact sheet



Scan the QR code to learn more about the Thies team in North America.

Our team designs, develops and delivers tailored, strategic mine reclamation solutions with extensive flexibility in process and equipment, and full integration into mine plans. We offer end-to-end reclamation services for the mining sector for projects of all sizes, commodities, requirement and lifecycle stages.

Design

Leveraging technology, Thies designs final landforms to ensure efficient development and delivery of reclamation projects. Our designs create time and cost efficiencies throughout the project lifecycle.

Construction

Our reclamation construction services include:

- bulk material movement, profiling and shaping of landforms
- civil construction of water management and environmental features
- erosion and sediment control structures
- final surface preparation including capping and topsoiling
- tailored revegetation programs.

Monitoring and maintenance

Our specialists use drone technology to accurately monitor reclamation performance including construction progress and conformance, quality assurance, vegetation health and diversity, and identification of erosion. Clients are provided with a strong body of ongoing evidence, supporting progressive certification of reclaimed land and reducing ongoing reclamation liabilities.

THIESS

Case study

CREATING NATIVE BUSHLAND CORRIDORS AND CATTLE GRAZING AREAS AT ENSHAM COAL MINE

Starting in September 2022, Thiess delivered progressive mine reclamation solutions at Ensham Coal Mine, Central Queensland, Australia, creating areas for native bushland corridors and cattle grazing across nearly 1000 acres of land.

This project showcases Thiess' excellence in design optimization, saving 17% in total material movement over the initial reference design, which provided strong time and cost efficiencies to the client. The scope of the project included earthworks for final landform development, topsoil spreading and amelioration, and seeding and mulching activities.

The project also employed onboard equipment and drone technology for construction progress and stringent survey requirements for quality assurance and control. This provided the client with a strong evidence-based approach to the reclamation through design and construction.



About Thiess

Thiess delivers sustainable solutions in open cut and underground mining in Australia, Indonesia, Mongolia and North and South America. Established in 1934, Thiess operates across diverse commodities, geologies, environments and cultures.

Thiess' success over the past 90 years is built on our commitment to listen and understand the business needs of clients so we can safely deliver value and certainty.

We partner with our clients to develop effective and sustainable solutions, leading ESG practices and strong community engagement. Our pioneering spirit drives superior performance in the face of any challenge, from autonomous mining and climate change to deep mining and reclamation.

Across our operations, safety underpins everything we do. We're committed to keeping everyone safe everyday by providing a workplace that's both physically and psychologically safe.



Scan the QR code to learn more about the Thiess team in North America.

THIESS