



Capability Statement 2025



HIC Services

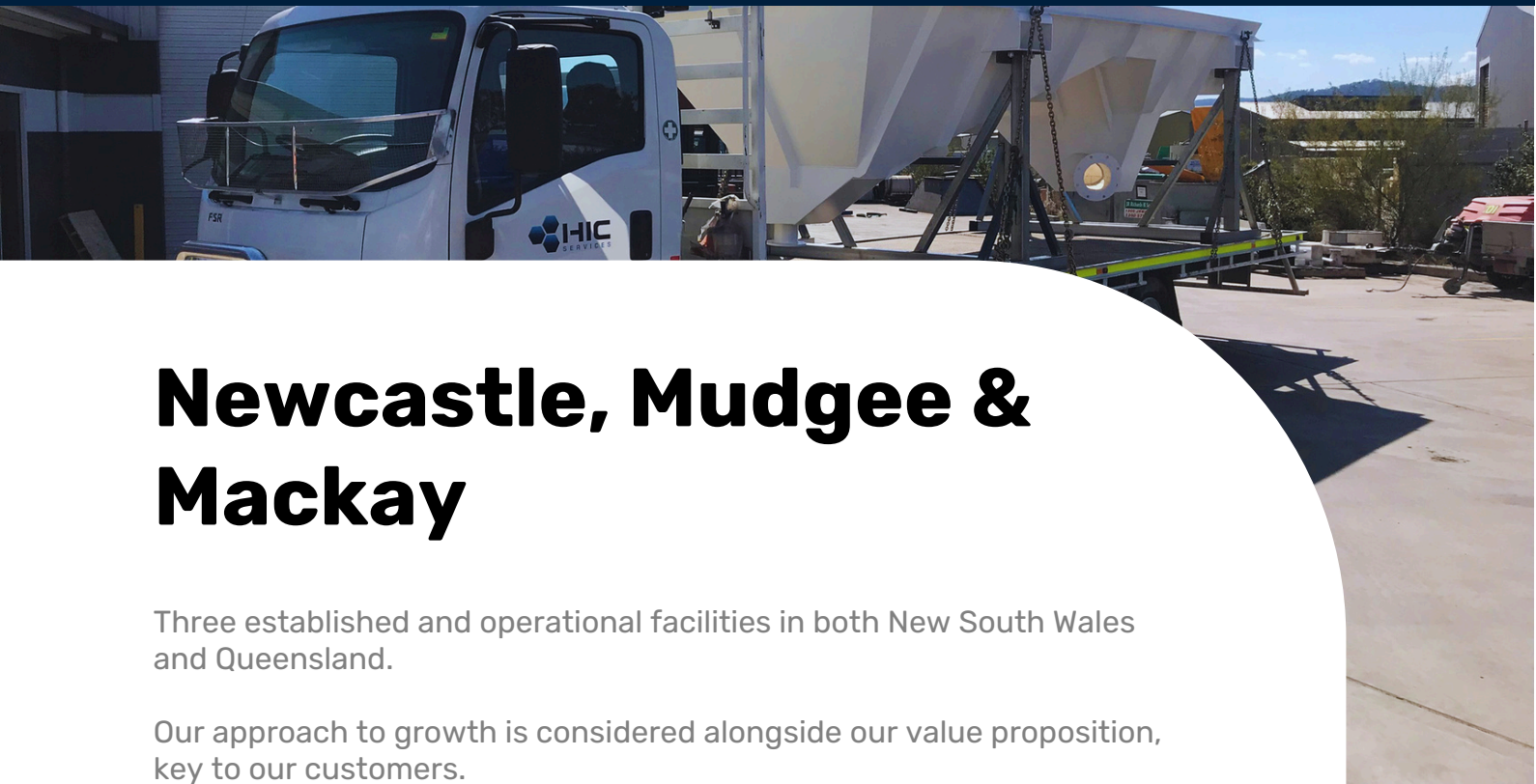
A leading service provider to the mining industry, specialising in wear technology and protective coatings. We provide industrial solutions across a diverse group of industries.

Australian owned and operated, HIC has been delivering specialised products and services including asset management, process equipment and wear prevention to the Mining, Industrial & Commercial industries since 1978.

HIC's reputation for commitment to excellence and innovation in the CHPP market of wear prevention technologies is far reaching, delivering on projects both domestic and international.



Our Facilities

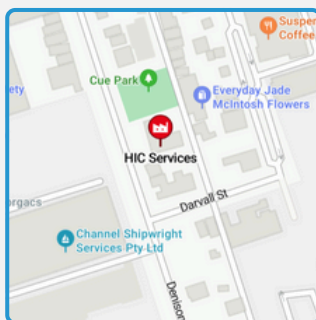


Newcastle, Mudgee & Mackay

Three established and operational facilities in both New South Wales and Queensland.

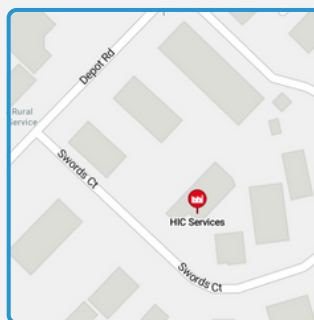
Our approach to growth is considered alongside our value proposition, key to our customers.

Our scope of works incorporates specialised onsite and workshop services with blast chambers, painting booths, steel fabrication equipment & tiling workshops.



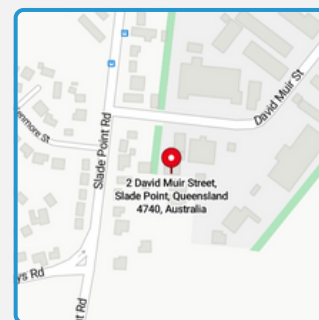
Newcastle (NSW)

90 Denison Street
Carrington NSW
2294



Mudgee (NSW)

7 Swords Court
Mudgee NSW 2850



Mackay (QLD)

2 David Muir Street
Slade Point QLD
4740



National FIFO Team

A background image showing a worker in a hard hat and safety gear working on a large industrial component at a mine site. The scene includes yellow safety railings and various pieces of equipment.

HIC Services National FIFO Team

HIC Services offers a dedicated Fly-In Fly-Out (FIFO) Team to support critical shutdowns, maintenance, and project delivery across regional and remote mine sites.

By drawing on experienced personnel from our strategically located branches in Newcastle, Mudgee and Mackay, we ensure fast mobilisation and seamless execution of works during planned or reactive downtime.

Our FIFO capability enables clients to access skilled labour without delays, minimising operational disruptions while maintaining high safety and quality standards.

This integrated model has proven highly effective at multiple mine sites and is ideal for time-sensitive maintenance windows or when local resources are unavailable.

All associated travel, accommodation, and allowances are clearly scoped during the quotation phase to provide full cost transparency. Labour rates, materials, and equipment hire remain aligned with existing agreements.

This solution reflects the HIC Services commitment to flexibility, reliability, and client-first delivery.

Our ability to rapidly deploy experienced teams equipped with the tools, systems, and supervision required assists in maximising uptime while maintaining production targets.



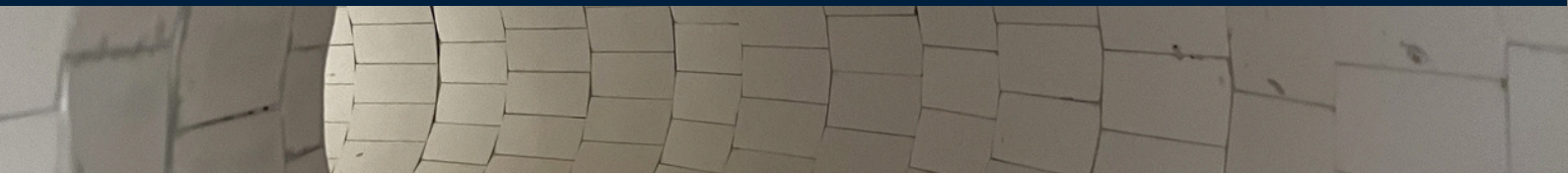
Service Solutions



Service Solutions

Our comprehensive range of services are designed to increase plant utilisation and reduce downtime.

- ✓ Industrial Tiling Solutions
- ✓ Industrial protective coatings- SSPC/NACE standards
- ✓ Wear prevention Inspections and reporting
- ✓ Off-site refurbishments
- ✓ Fixed plant Shutdown maintenance
- ✓ Steel fabrication in both carbon, aluminum and stainless Steel
- ✓ Pipe camera inspection & pipe camera scanning
- ✓ Asset management



I. Industrial tiling solutions

Industrial tiling at HIC refers to the installation of industrial ceramic tiles, alumina & basalt wear liners for pipe, Chutes and more. These tiles and liners are durable and assist in wear prevention. The durability of our HICTECH range of industrial ceramic tiles and liners mean they are ideal for the most abrasive of environments.

HIC's quality assurance processes ensure preparation of the surface before tile installation begins. This is seen as a critical quality component of any industrial tiling solution offered. Sandblasting is undertaken which propels fine particles of abrasive material at high velocity to clean and prepare surfaces.

This surface preparation requires specialised equipment to apply the abrasive material. It is a critical step in the installation of tiles, as it helps to ensure a strong and lasting bond between the tiles and the surface. It also helps to create a clean and even surface, which is essential for the proper installation of the tiles.

II. Blasting and painting - industrial protective coatings

Blast and paint of off site repairables is a crucial process that ensures that equipment and machinery are properly maintained and repaired. This process involves the removal of old paint, rust, and other contaminants from the equipment's surface using abrasive blasting, followed by the application of a new protective coating.

A new protective coating can help prevent the penetration of moisture and other corrosive substances, which can significantly extend the lifespan of equipment and machinery. Equipment that has been properly blast and painted will operate more efficiently and effectively, resulting in improved performance and productivity and decreased downtime.

Companies that prioritise blast and paint of offsite repairables can expect to operate more efficiently, effectively, and safely, resulting in increased productivity, reduced costs, and improved customer satisfaction.



III. Off site repairables

Managing off site repairables is critical for the efficient and effective operation of a coal mining operation. The HIC Services team will work with you to prioritise the equipment that requires offsite maintenance and repairs, minimising downtime efficiently and effectively.

IV. Inspection and sale of belt press filter cloths

Belt press filter cloths are used in coal mining to separate liquid and solid materials. The process of inspection of belt press filter cloths is critical to the efficient and effective operation of coal mining operations.

Regular inspections should be performed to identify any signs of wear and tear or damage to the filter cloths. When filter cloths become worn or damaged, they should be promptly replaced to prevent any negative impact on the belt press machine's performance.

This ensures that belt press machines are working at optimal performance levels, minimizing downtime and reducing costs associated with repairs and replacements.



V. Cyclone design

Cyclone design involves the design and manufacture of cyclones for coal processing plants. A well-designed cyclone system can improve the overall efficiency of the CHPP.

We work closely with our customers to understand their specific requirements and design cyclones that are tailored to meet those needs. The cyclones are designed to efficiently separate coal from other materials, while also minimising the amount of energy required for the separation process.

The cyclones can be designed for different sizes and types of coal, as well as different levels of throughput. These include consultation, design, manufacture, and installation.

In the design phase, the use of advanced computer modelling and simulation tools to optimise the performance of the cyclones is undertaken. Once the cyclones are designed and manufactured, installation and commissioning services are undertaken.

This includes the installation of the cyclones in the CHPP, as well as the testing and optimization of the cyclones to ensure that they are operating at peak efficiency.



VI. Cyclone asset management

To ensure the efficient and safe operation of cyclone process equipment, regular maintenance and testing are critical. Cyclone process equipment should be regularly inspected to identify any signs of wear or other issues that could affect performance.

The replacement of worn parts is critical to identify, to prevent further damage or equipment failure. Cyclone process equipment should also be regularly tested to ensure that it is functioning properly.

Some of the key tests for cyclone process equipment for customers to consider include:

- **Pressure Testing:** Pressure testing can help identify any weak points in the system that could lead to equipment failure or safety hazards.
- **Particle Size Analysis:** Particle size analysis can help determine the effectiveness of the cyclone process equipment in separating solid particles.
- **Flow Rate Testing:** Flow rate testing can help ensure that the cyclone process equipment is operating at the intended flow rate, which is critical to its effectiveness.
- **Vibration Analysis:** Vibration analysis can help identify any issues with the equipment that could lead to failure or reduce performance.

By following best practices for maintenance and testing, industrial facilities can help prevent equipment failure, reduce downtime, and ensure the safe and effective operation of their cyclone process equipment.



VII. End-to-End Fabrication Solutions

Our in-house capabilities cover the full spectrum of light to medium fabrication, surface preparation, and industrial tiling.

This integrated approach means we can complete entire projects such as chutes and wear liners without the need for the client to subcontract different stages to multiple suppliers.

By streamlining the process under one roof, we deliver faster turnaround times, and seamless project coordination.

VIII. Pipe Camera Inspections & Pipe Scanning

Utilising the latest internal non-destructive testing technology to identify and report any wear, corrosion and wear liner scalloping issues in any pipe asset.

From this information, our team can provide an expected wear life of the pipeline.

HIC's mobile pipe camera inspection service inspects pipes, documents our findings and provides detailed reports to you on-site.

Our system captures detailed footage in tough conditions, and our mobile team is fully trained and able service any asset nationally.

All services are supported by our fully equipped Workshop including manufacturing capabilities.

Regular pipe inspections assists in reducing unscheduled maintenance costs from pipe failure, while indicating pipeline integrity for predicted future changeouts.



Product Solutions



Product Solutions

Our range of HICTECH wear technology products increase the life and performance of your operational assets.

- ✓ Cyclones (DMC & Hydro)
- ✓ Engineered ceramics/Wear Plates (92%,95%,ZTA & Rubber backed)
- ✓ Belt press filter cloths
- ✓ Natural Red Rubber (Bulk Rolls & Cut to Size)
- ✓ Wear Resistant Pipe (Alumina & Basalt)
- ✓ Trowelable & Sprayable Ceramics (Abrasive Wear & High Impact)
- ✓ Magnetic Patches
- ✓ Pipe Strap & Wrap
- ✓ White Cast Iron Products



History

Over 40 years ago, Frank Bynon identified a growth market within the coal mining industry, with its beginnings focused on industrial tiling, servicing the NSW steel and coal markets. As a substantial team was grown under Hunter Industrial Ceramics becoming HIC services acknowledged the broader range of services the business now offered.

The company has continued to grow, becoming widely recognised as a market leader for operational excellence in maintaining fixed plant mining operations, now including our HICTECH brand of wear resistant technologies.

A low-angle photograph of a yellow and black industrial crane lifting a blue cylindrical object at a refinery or industrial plant. The sky is a clear, vibrant blue with some wispy clouds. The crane's boom extends from the bottom left towards the top center. The industrial structure with yellow railings is visible on the right side.

Culture, Health, Safety & Environment

Our reputation is built on our culture, with our employees at the core.
We value health and safety, underpinned by our company values.

Accountability | Integrity | Openness | Respect | Sustainability



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hicservices.com.au

HIC Services Pty Ltd



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