

Airports

Capability Statement

Up and away





Structured for your success

For more than 90 years, Fulton Hogan has been delivering high-quality infrastructure to help create, connect, and care for communities.

We build and maintain the airports, roads, rail, ports, bridges, parks and renewable energy infrastructure that support and connect towns and cities across Australia. Below ground, we construct the vast networks of pipes, drains and cables that supply lighting, clean water, energy, fuel, data, and manage waste, keeping communities healthy and liveable.

We operate across metropolitan, regional and remote locations across Australia, New Zealand and the Pacific, and are experts in delivering comprehensive infrastructure solutions tailored to each environment.

Our teams have successfully delivered large-scale airside and landside projects, demonstrating expertise in both new construction, maintenance and renewal of existing assets.

Our vertically integrated business combines civil construction expertise with utilities and infrastructure services to offer whole-of-life asset and infrastructure solutions for airports and aerodromes.

Everything we do is underpinned by our values of Respect, Energy and Effort, Attitude and Leadership.

- We earn respect through our actions and show respect to everyone we deal with.
- We are known for our energy and effort to get the job done to the best possible standard.
- We value a professional and positive attitude in our work – no matter what the job may throw at us.
- We show leadership and own our responsibility to deliver projects safely and successfully, while developing those around us.

This approach proved successful over 90 years ago and continues to be effective for us today.

Fulton Hogan acknowledges the Traditional Custodians of the lands across Australia on which we live and work.

We acknowledge their connection to this Country and pay our respect to Elders past and present.



Built for the journey

We are a trusted partner to airport owners and operators, having enhanced their infrastructure and facilities for decades.

We have delivered airfield upgrades across most international, domestic and regional airports in Australia, having completed more than 90 runway resurfacing projects in the past 30 years, including 70 in the last decade alone.

We understand the unique requirements of working airside and the critical role this plays in ensuring safe, efficient air travel for both passengers and freight. From remote regional strips to major international gateways, our teams deliver high-quality outcomes through careful planning, early stakeholder engagement and meticulous logistics management.

Our return-to-service expertise is unmatched. Whether rehabilitating aprons or constructing new infrastructure in live airport environments, we work closely with airport operators to understand their operational constraints and objectives. We can develop bespoke work programs that minimise disruptions, tailoring our approach through:

- Advanced pavement technologies, including asphalt and concrete solutions that integrate with existing airport systems.
- Tightly managed staging and sequencing to suit live operational windows.
- Integration with airfield systems, including lighting, drainage, navigational signage and control systems.
- Operational Readiness, Activation and Transition (ORAT) support for seamless handover of new infrastructure.





Our full lifecycle capabilities

Our span of services includes capabilities and products for complex airside and landside projects, with a proven track record in design, planning, construction, handover and maintenance of runways, taxiways, aprons and supporting systems.

Our dedicated delivery teams coordinate seamlessly across disciplines, ensuring safe, efficient and high-quality outcomes in live operational environments, that meet all customer requirements and deadlines.

Design

- Design and Construct (D&C) delivery with in-house pavement design expertise and design management.
- Planning tailored to meet airport operational requirements and technical specifications.

Construction

- Resurfacing and construction of flexible and rigid pavements across runways, taxiways and aprons.
- Integration of airside infrastructure, including drainage, electrical and signage.
- Construction of essential facilities, including fit outs for specialist operational buildings such as Airfield Lighting Equipment Rooms.
- Rehabilitation and extension of live aprons, including in-ground fuel systems.
- Rapid-curing pavement solutions for time-critical works.
- ORAT support for seamless commissioning and handover.

Maintenance

- Asphalt overlays and resurfacing programs.
- Pavement repairs, including crack sealing, rubber removal, pavement surface rejuvenations and line marking.

Airfield infrastructure

- Aeronautical ground lighting (AGL) construction team.
- Airfield line marking.
- Friction testing.
- Runway grooving specialists.

Broader civil construction capability

In addition to our airfield work, Fulton Hogan delivers major infrastructure projects across construction, utilities and infrastructure services:

- Landside infrastructure, including car parks, commercial facilities, roads, bridges, rail and ports.
- Site preparation, hardstand construction, bulk earthworks, drainage and ancillary works.

Supporting services and technical delivery

- Water and wastewater – upgrades, treatment plants, pump stations and flood mitigation.
- Power and telecommunications – fibre, copper and coaxial installations, network relocations, aerial fibre transit links, and mobile tower and antennae upgrades (certified nationally on Telstra, Optus and NBN networks).
- Environmental services – erosion and sediment control, hazardous material management, contaminated site remediation and development of new products to treat legacy contamination such as PFAS.
- Vegetation management – routine landscaping, mowing, weeding, litter collection and emergency clearing.

Our integrated products and services

We are a true end-to-end asset management and infrastructure solutions partner. Our integrated approach gives airport operators assurance in quality, reliability and rapid delivery.



Asphalt

Complete design, production and construction services, including surfacing, rehabilitation, recycling, maintenance and operation. Our assets include high-capacity asphalt plants near every major airport and mobile asphalt plants ready for deployment to support large projects or remote locations.



Mobile concrete batching

Our exclusive rapid-curing concrete solutions coupled with our truck mounted volumetric mixers and mobile batch plant provide on-site production and installation efficiencies, reduce closure windows and ensure return-to-service for critical airfield infrastructure.



Binders and emulsions

Manufacturing for a range of binders, including emulsions and polymer-modified-binders, to suit the unique requirements of aircraft pavements and individual specifications.



Quarries

Premium rock products and a wide array of refined products, including aggregates and road base, specialty sand, recycled glass base-course mixes, railway ballast and gabion rock, as well as bulk fills and non-specified materials.



Laboratory and testing

An in-house technical team with a network of 32 state-of-the-art NATA-accredited laboratories and specialised testing equipment, ensuring the highest standards of quality and reliability.



Trenchless technologies and service location

Directional drilling, pit installations, non-destructive digging and advanced service location mapping.

Pavement technology experts

Our industry-leading teams make every landing count.

Our in-house team of airfield and pavement technical specialists combines engineering excellence with extensive experience in producing and placing asphalt and concrete for airside and operationally time-sensitive environments.

Each year, we invest significant resources to bring new products to market and incorporate innovative materials into our pavement solutions that enhance sustainability, durability and cost-effectiveness. These products are designed to meet stringent operational, safety and quality standards.

Our long-term involvement in airfield maintenance programs has allowed us the opportunity to develop specialty products to enhance asset life and extend lifecycle management.

■ **JetBlack®**

A life-extending treatment for aged asphalt surfaces, offering an alternative to resealing.

■ **JetBloc®**

Premium fuel-resistant coating for highly stressed pavements, providing heavy-duty surface protection.

■ **JetBind®**

High-performance bitumen binder for runways, designed to withstand extreme temperatures and high tyre pressures.

■ **JetBond®**

Premium tack coat for airport asphalt overlays to improve adhesion and resist softening during hot weather.

■ **Concretum® Q-FLASH 2/20**

Exclusive distributor of Concretum® rapid-hardening concrete in Australia and New Zealand.

■ **RemRAP®**

A patented process to encapsulate contaminants such as PFAS for safe reuse in pavements.





Reliability where it counts

We embed safety, sustainability and quality into every project. Our specialist teams have extensive experience working in high-pressure operating environments, adhering to strict security, access and risk management protocols.

Safety

We view safety through the lens of Living Safely – our guiding philosophy. It shapes our daily practices on sites and in offices across Australia, influencing our behaviour and actions. Utilising advanced safety systems, leadership techniques, training and support, we ensure everyone goes home safely. We also implement industry-leading wellbeing programs for mental and physical health.

By enforcing our Life Saving Rules and fostering a positive safety culture, we make safety everyone's responsibility.

Sustainability

By leading with our values, minimising our impact and upholding our social responsibilities, we leave a lasting positive legacy. We provide local employment and business opportunities for communities, including First Nations peoples.

We are also dedicated to engineering out and reducing carbon emissions by finding ways to improve operational efficiency, increasing the use of recycled materials in our supply chain, reducing the amount of energy from non-renewable resources we use, along with limiting the amount of waste we send to landfill.

Quality

We maintain third-party accredited integrated management systems for safety, quality, environmental management and information security, ensuring we effectively plan, execute and control the works we perform.

We pride ourselves in building and maintaining relationships where our customers' expectations, requirements and needs are understood, valued and delivered.

Accreditations and industry partnerships





Fulton Hogan Australia

Botanicca Corporate Park Bld 7, Lvl 1, 572 Swan St, Richmond VIC 3121
T: +61 3 9340 6200
E: airports@fultonhogan.com.au

fultonhogan.com

