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WAGNERS GROUP

WAGNERS GROUP

Wagners is a diversified Australian construction materials and services provider and an innovative producer of New Generation Building Materials (NGBM). Our NGBM division is leading the way with high-strength, lightweight, low carbon alternatives to traditional construction materials. Established in 1989, Wagners is an ASX-listed company operating in domestic and international markets.

NEW GENERATION BUILDING MATERIALS (NGBM)

Our Earth Friendly Concrete[®] (EFC[®]) and Composite Fibre Technologies (CFT) are pioneering more sustainable solutions for concrete and hardwood. Composite Fibre products are lightweight and have a long life span as they do not rust, rot or corrode.

CONSTRUCTION MATERIALS AND SERVICES (CMS)

Wagners' Construction Materials and Services (CMS) division manufactures and sells cement, flyash, reinforcing steel and aggregates. We also provide mobile and on-site concrete batching, crushing and haulage services.

PROJECT ENGINEERING SERVICES

Wagners Project Engineering Services work hand in hand with all divisions of the Wagners business to ensure the successful completion of every project, no matter the size or location.

The team collaborate with engineers to build Concrete Batch Plants, pultrusion machines to produce Composite Fibre products, bridge propping on project sites to transport equipment and a Wharf on the Brisbane River with the capacity to service cargo ships carrying up to 40,000 tonnes.

The Project Engineering Services division designs, certifies, fabricates, and installs structural steel and infrastructure. Additionally, we perform services, repairs, and maintenance on all vehicles and equipment, and custom modifications of OEM equipment.

WAGNERS IS ISO 9001, ISO 14001 AND ISO 45001 CERTIFIED. ACCREDITED BY SAI GLOBAL.

Certified System	Certified System	Certified System	
Quality	Environment	OHS	

ISO 9001 ISO 14001 SAI GLOBAL







WAGNERS GROUP PRODUCTS AND SERVICES

MAJOR Project Experience

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OBILE CONCRE

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(Constant)

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WAGNERS

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GOOPERS DAP WIND FARM QUEENSLAND

2018 75,000M^a

- Continuous supply of structural concrete below 30 degrees Celsius
- » All concrete shrinkage maximum 650 micron
- » Maximum heat of hydration 75 degrees Celsius

HAGNER

ICHTHYS LNG PROJECT Darwin

2013 - 2017 450,000M³

AGNERS

- » Minus 24 degree concrete to monolith pours: 25,000m³
- » 4.5 MPa flex to pavements: 40,000m³
- » Self-consolidating concrete mixes with 450 and 650 spread
- Continuous supply of structural concrete below
 32 degrees Celsius in temperatures above 35 degrees
- » Shrinkage of maximum 650 micron (all structural)
- » Fibre Reinforced Concrete (FRC): 30,000m³

SAPPHIRE WIND FARM NEW SOUTH WALES

2017 50,000M³

CNER

- » Continuous supply of structural concrete below 25 degrees Celsius
- » All concrete shrinkage maximum 700 micron
- » Maximum heat of hydration 75 degrees Celsius

TOOWOOMBA WELLCAMP AIRPORT Queensland

- 2014 50,000M³
- Continuous supply of structural concrete
 below 30 degrees Celsius
- » All concrete shrinkage maximum 650 micron
- » Used Earth Friendly Concrete (EFC)

MAJOR PROJECT Case Studies

COOPERS GAP WINDFARM OUFFNSI AND

2018 75,000M³

Coopers Gap is one of Australia's largest wind farms; this project gave us the opportunity to demonstrate our skills and ability when it comes to meeting the clients' expectations.

Our concrete project team supplied 75,000m³ of structural concrete to install 123 turbines. Wagners were well placed to deliver this mammoth project on time for our client.

Wagners have a remarkable history, having established and operated numerous mobile batch plants around the world, providing a wealth of experience from which to draw. At Coopers Gap, on-site facilities included four silos and 12 Wagner agitator trucks, ensuring delivery to each turbine foundation was a seamless process.

WITH SAFETY AN ABSOLUTE PRIORITY, WAGNERS ACHIEVED ZERO RECORDABLE INCIDENTS OVER THE 25,000 MAN HOURS WORKED ON THIS PROJECT.

The Wagners Concrete Project Team were supported by the Wagners Transport, Workshop, Quarry and Cement businesses.



ICHTHYS LNG PROJECT Darwin

2013 - 2017 450,000M3

Wagners supplied 450,000m³ of structural concrete and stabilised fill from locally sourced Wagner and third-party aggregates and cement for the lchthys LNG Project in the Northern Territory.

Wagners purchases goods and services locally whenever possible, supplemented by interstate and foreign-sourced supplies as needed, to support the local communities in which we operate. Wagners works with a responsible approach to ensure the project doesn't negatively impact the needs of other local projects or industries and utilises best practice approaches for Aboriginal and Torres Strait Islander involvement. Wagners utilised 90 per cent of local employees for this project. As of August 2016, the Wagners Project Team had achieved 100 per cent KPI performance, 577 days since a first aid treatment case, 831 days since the last recordable injury and 1,294 days Lost Time Injury (LTI) free.

The lchthys LNG Project presents one of the highest performance concrete specifications in Australia to date, with a design life of 40 years (most commercial structures have a 20 year design life). Wagners provided over 40 different concrete mix designs for this project, with some specialised concrete mix design trials taking in excess of six months to completion. The mix designs included bulk supply of nonshrink grout in what consultants said were the largest volumes ever undertaken in Australia for a product that is normally delivered to sites in premixed 20kg bags. Many of these mix designs originated from the clients' changing needs and methods, with Wagners showing their characteristic ability to react and respond quickly, providing customer-focused outcomes. Wagners manages the large volumes of wastewater generated by the day-to-day operation of two wet mix and one dry mix concrete batch plants in an area known for heavy rain during the wet season. Water was captured onsite and reused for truck washout, treated and reused for dust suppression, or used in the production of stabilised sand. Two automated waste water treatment plants were utilised to filter out sediment and inject hydrochloric acid to treat the pH from over 12 to between 6 and 8.5. Over the wet seasons, an average of 1.2MI of wastewater is reused every month.

To support this high-volume concrete production, the Wagners Darwin Annex NATA Laboratory tested 60,000 cylinders which included sample, slump and cast in addition to all the other concrete testing for flexural strength, drying shrinkage and chloride permeability as required. This Wagners Concrete project was supported by Wagners Quarries, Transport, Reinforcing Steel, Workshop and Cement supply business units.



WAGNERS WORKS WITH A RESPONSIBLE APPROACH TO ENSURE THE PROJECT DOESN'T NEGATIVELY IMPACT THE NEEDS OF OTHER LOCAL PROJECTS OR INDUSTRIES AND UTILISED BEST PRACTICE APPROACHES FOR ABORIGINAL AND TORRES STRAIT ISLANDER INVOLVEMENT.



FIXED PLANT READY MIX CAPABILITIES



WAGNERS CURRENTLY OPERATES SEVEN FIXED PLANTS IN THE TOOWOOMBA AND BRISBANE AREAS, WITH ADDITIONAL LOCATIONS ON THE SUNSHINE COAST AND GOLD COAST.

- » Supply of structural concrete at temperatures below 30 degrees Celsius
- » Supply of structural concrete at temperatures below 25 degrees Celsius
- » Maximum concrete shrinkage of 650 microns
- » Fibres, colors, and durability enhancements are examples of special products.
- » Self-consolidating mixes

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» Earth Friendly Concrete® (EFC®)



SCAN TO REACH US

CAPABILITY STATEMENT

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