



Manildra Group's John and Dick Honan // PHOTO: TAYLAH HUDSON

WELCOME

Be it the chemists, the administrative workers, engineers, or plant operators; the men and women who turn up to work each day, are without a doubt the lifeblood of Manildra Group.

As a family-owned Australian business, we continue to prioritise reinvestment in our people, our world-class sites like Shoalhaven Starches and in the wider community of the south coast.

Underpinning this continuous reinvestment is our commitment to produce the highest-quality Australian-grown and made food and industrial products for local businesses as well as some of the world's most recognised brands.

From the Manildra Group team, we hope you enjoy this edition and we wish you good health and happiness for 2022.

John Honan,
Manildra Group Managing Director

ELECTRICAL ENGINEERING AT THE HEART OF SHOALHAVEN STARCHES

Shoalhaven Starches is home to advanced equipment and infrastructure, under the watchful eye of our expert electrical engineering team, fundamental in “powering” the world-class site.

True “problem solvers”, the electrical engineering team creates, designs and manages sophisticated large-scale electrical systems to run the site all year round. The team is responsible for the electrical design of the switchboards including interconnecting, wiring and control systems, which are at the heart of the highly-automated and integrated production process.

Harnessing a range of technologies, each team member is responsible for a number of highly-complex, and at times, world-first systems and processes. With such a dynamic, fast-paced and evolving business, they are required to work on several fronts at once. This could mean assisting in the coordination of projects while simultaneously ensuring an electrical installation is completed on time.

Shoalhaven Starches Electrical Engineering Manager (Projects and Engineering), Paul Whisson, leads the team of degree-qualified electrical and mechatronic engineers ensuring that they are at the forefront of diverse and exciting new fields of technological advancement.



The Electrical Engineering team on site in the Gluten Dryer 7 Switchroom includes (from left) Josh Coburn, Grant James, Paul Whisson, Jack Stuart, Hamish Chapman, Craig Palmer, Isaac Gates, and Aaron Haley // PHOTO: PETER IZZARD

NOWRA COMMUNITY FOOD STORE



The Nowra Community Food Store is located at 10/158 Princes Highway, South Nowra and is open weekdays from 9.30am to 3.30pm. Pictured outside the store are volunteers (from left) Jemma Tribe, Rori Tribe, Ainslie Tribe and Sandy Shuttleworth // PHOTO: NOWRA COMMUNITY FOOD STORE



Newly promoted, Shoalhaven Starches Site Manager Kane Livingstone will play a crucial role leading the team in Manildra Group's greatest infrastructure expansion in its seven-decade history // PHOTO: PETER IZZARD



(from left) Shoalhaven Starches Packing Plant Project Manager Dyllan Ware discussing the Packing Plant construction detail with Shoalhaven Starches Construction Supervisor Heath Zablockyi // PHOTO: PETER IZZARD

PAYING IT FORWARD WITH FLOUR

Manildra Group is proud to help community members through donating their range of The Healthy Baker flour to the Nowra Community Food Store, a charity run store that provides groceries at low prices to those doing it tough.

Sourcing products from New South Wales FoodBank, OzHarvest, and community donations, The Nowra Community Food Store offers breads, fruit and vegetables, drinks and snacks, pantry goods, frozen foods, cleaning, household and personal care products.

“When we told Manildra Group the problems we were having getting flour to meet demand, they did not hesitate to help out! When the pallets of flour arrived, we could not be happier. What a wonderful community we live in. Thank you for making this donation a reality!” said Nowra Community Food Store General Manager Jemma Tribe.

To make donations or volunteer contact (02) 4402 9126 or nowracommunityfoodstore@gmail.com.

WELCOMING NEW SITE MANAGER, KANE LIVINGSTONE

Manildra Group has appointed Kane Livingstone as the Shoalhaven Starches Site Manager, responsible for leading a team of more than 350 people on site and hundreds of contractors on any given day. With more than 17 years' tenure at Shoalhaven Starches, Kane previously managed the process engineering, maintenance and operation teams and demonstrates an exceptional understanding of the site's dynamic, fast-paced and complex manufacturing processes.

Manildra Group Managing Director, John Honan, said that Kane was a great leader, with his brilliant intellect ensuring opportunities were capitalised and challenges sorted.

“Kane will be instrumental in the expansion projects, diversifying our product range, increasing production and boosting employment,” said Mr Honan.

With in-depth experience in the cement, paper and petrochemical industries, Kane said he was delighted to lead the team at such an innovative, forward-thinking 100 per cent Australian family-owned company.

PACKAGING BAGGING BOOST

Shoalhaven Starches is constructing a state-of-the-art packing plant, equipped with two modern 25kg packing lines, 1 tonne bag packing lines, plus pneumatic tank filling capabilities to complement our current packing capacities.

These lines will deliver increased flexibility, with the ability to alternate between packing vital wheat gluten, modified proteins, wheat starches and modified starches.

“We have to be at the top of our game, and we do this by ensuring we have the latest high-quality equipment and teams continually evaluating our processes – always striving to do better for our people, customers and suppliers,” said Shoalhaven Starches Head of Capital Engineering (Projects) Aaron Ticehurst who is leading the engineering aspect of the project.

“Once operational, the packing plant will facilitate increased production capacity, enhance efficiencies and being multifaceted, it will be highly advantageous to our integrated process.”

THE CULTIVATOR MAGAZINE

Manildra Group's *The Cultivator* magazine features stories from our producers' farms, our manufacturing facilities, our customers and your rural communities. Collect your free copy at the Shoalhaven Starches reception or view on our website at manildra.com.au/the-cultivator

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If you have any questions or comments about our projects, contact Shoalhaven Starches on 02 4423 8200 or Nowra.Reception@manildra.com.au

More information on Shoalhaven Starches project approvals can be found at the NSW Department of Planning and Environment website mpweb.planningportal.nsw.gov.au/major-projects



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INTEGRAL ENERGY INFRASTRUCTURE INVESTMENT CEMENTS SHOALHAVEN STARCHES FUTURE

Crucial infrastructure and capital projects are now underway and will cement Shoalhaven Starches as the global leader in the production of premium food and industrial products from vital wheat glutens, wheat starches, and syrups to ethanol and animal stockfeed. Our integrated sustainable manufacturing process, utilises the entire wheat grain and relies on heat (from steam) production to power our operations.

Manildra Group recognises that securing stable, reliable, affordable and clean energy sources is vital to the growth, success and future of the site. To meet these energy requirements, we are in the process of constructing a gas-fired cogeneration plant, in conjunction with a gas pipeline. The pipeline will deliver the gas directly to the site from Pestells Lane, with the cogeneration plant located at the site. Each gas turbine burns natural gas to drive a generator to produce electricity. The waste heat from the exhaust gas from each turbine is used to create steam in a heat recovery steam generator.

With our staunch commitment to upholding sustainability and value-adding innovation, these projects will increase our cleaner energy sources whilst significantly reducing our greenhouse gases and ultimately eliminating coal usage entirely.

Shoalhaven Starches Site Manager, Kane Livingstone, said that the company was proud to be investing in Bomaderry, critical for local industries and employment.

"This project will deliver stable and reliable energy, securing the sites future energy needs," said Mr Livingstone.

For further information contact Manildra Group Community Consultation Lead, Paul Whisson, on 02 4423 8200 or paul.whisson@manildra.com.au.

Aerial view of Manildra Group's world-class Shoalhaven Starches site, the largest wheat gluten and starch manufacturing site of its kind in the world // PHOTO: DEAN HOLLAND



At the Shoalhaven Starches site overlooking our ethanol distillery, Shoalhaven Starches Quality Assurance and Environmental Coordinator John Studdert is fundamental in ensuring that Manildra Group sets the standard for truly sustainable ethanol production globally // PHOTO: PETER IZZARD



(from left) Manildra Group Chairman Dick Honan, Shoalhaven Starches Beverage Grade Distillery Two Project Manager David Johnston, and Manildra Group Managing Director John Honan oversee the installation of the new world-class ethanol distillery at the Shoalhaven Starches site // PHOTO: MANILDRA GROUP

LEADING THE WAY IN SUSTAINABLE ETHANOL PRODUCTION

Manildra Group is celebrating the highest commitment to sustainable ethanol production world-wide with their continued certification of the RSB (Roundtable of Sustainable Biomaterial's), at their state-of-the-art distillery located at the Shoalhaven Starches site. In 2012, Manildra Group was the first plant in the world to receive the internationally recognised sustainability certification from the RSB, and this year, the company completed its third recertification.

"We are very proud to set the standard for truly sustainable ethanol production globally, testament to our focus on sustainability in our community and operations," said Shoalhaven Starches Quality Assurance and Environmental Coordinator, John Studdert.

RSB requires ethanol to be produced in an environmentally and socially responsible way, whilst reducing greenhouse gas emissions. RSB's Executive Director, Elena Schmidt said, "As true 'pioneers' of sustainability in the bioeconomy, Manildra Group has served to inspire and encourage others around the world to follow their example."

DISTILLERY FOR PUREST OF SPIRITS UNDER CONSTRUCTION

Construction has commenced at the Shoalhaven Starches site of the latest world-class ethanol distillery which will produce high-quality ethanol (alcohol) bound for food and beverages, pharmaceuticals and personal care industries.

Made in Italy, the 53-metre-high distillery columns, once installed on site, will increase Manildra Group's capacity to produce ethanol for domestic and international customers.

With foundations completed in late 2021, the new five-column distillery has been built with an impressive 330 tonnes of structural steel and five kilometres of stainless steel pipework.

With our unwavering commitment to quality-control systems and value-adding innovation, we set the global standard for ethanol purity and excellence.

For more information on Manildra Group's ethanol range contact ethanol.orders@manildra.com.au.

SHOALHAVEN STARCHES

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