

IOR Plays a Key Role in Keeping Australia Moving

In 2021, Australians, industry and the world were shocked by sudden supply constraints in AdBlue, a diesel exhaust fluid used to suppress nitrogen oxide emissions in diesel engines. In response to this Australian supply chain challenge, and significant customer demand to keep the diesel fleet moving across the regions and cities, IOR has quickly, safely and efficiently delivered a new 750KL AdBlue storage facility in Brisbane, Queensland for Incitec Pivot Limited (IPL).

A proudly Australian company, IOR welcomed the opportunity to support IPL and the Federal Government in supplying Australian industry, farmers, and transport operators with a reliable supply of AdBlue. IPL was supported by the Federal Government to mobilise its expertise and ramp up domestic manufacturing of AdBlue, with distribution increasing by 800% between December 2021 and January 2022.

IOR's partnership with IPL clearly demonstrates the innovative approach, technical capability, and customer-centred focus that make IOR Australia's leading fuel management solution provider.

Summary

- IOR responded immediately to assist its customer, Incitec Pivot, in their highly coordinated and rapid response to address the global AdBlue supply constraints and support the Australian economy.
- IOR was able to fully execute this end-to-end project 'in-house' - leveraging the company's fuel infrastructure experience, strong supply chain network, and manufacturing capability.
- IOR's team worked around the clock to safely deliver this project on time and for the benefit of the Australian economy.

Background

In late 2021 the global AdBlue shortage was presenting a considerable challenge to Australia's industry and many Australians who relied on AdBlue for their everyday jobs. In response, IPL and the Federal Government collaborated to secure Australia's supply of AdBlue by rapidly ramping-up on-shore manufacturing at IPL's Gibson Island plant.

IPL appointed IOR as a key supplier to the project due to their extensive experience in fuel storage, as well as their ability to provide an overall fuel management solution locally in a rapidly streamlined timeframe.

At a glance

IOR completed the construction of this facility in 10 working days, with our people working tirelessly over the Christmas and New Year holiday period.

IOR's in-house manufacturing facilities and capabilities, combined with its proprietary fuel management system HyDip® provided a holistic AdBlue storage and management solution which has the capability to operate 24/7 as an unmanned facility.

IOR, alongside other contractors, delivered an AdBlue storage facility, comprising 32 ISO containerised tanks with stainless steel internal linings, with a total capacity of 750KL at Gibson Island.

Opportunity

Mobilising within a week, IOR's Infrastructure team deployed 32 specialised, containerised, ISO storage tanks. In a solution designed and optimised by IOR, the ISO tanks provide optionality for IPL to scale-up on-site storage as needed.

IOR provided all dispensing and unloading systems for the facility to support the distribution of AdBlue 7 days a week and keep Australians and essential industries moving.

The facility is split into three terminals, each safely enabling Incitec Pivot to host up to six trucks on-site loading and unloading AdBlue simultaneously, at any time of the day.

IOR PLAYS A KEY ROLE IN KEEPING AUSTRALIA MOVING

To simplify and streamline AdBlue inventory management for IPL, IOR installed its Australian-engineered and proprietary fuel management system, HyDip®, on all tanks. Cloud-based and enabled by the Internet of Things, HyDip® provides automated, electronic monitoring of tank inventory to the litre and tracks product volumes dispensed by IPL and their customers in an online portal.

As part of the installation, 24/7 support and ongoing maintenance are provided to IPL to ensure the facility continues to deliver on the needs of their customers. Fuel to keep the facility's electricity generators operating is also being supplied by Strike Fuels, part of the IOR Group.

The project was supported from IOR's infrastructure manufacturing hub in Eagle Farm, Brisbane, which has been instrumental in delivering fuel storage and management solutions for several iconic Australian projects and businesses, including IOR's own fuel networks.

Outcome

Through a client focussed and solution-driven approach, IOR delivered the project and shared in contributing to the national solution for the onshore manufacturing and supply of AdBlue.

IPL Managing Director & CEO Jeanne Johns said partnering with IOR had helped ensure the project's success.

"I am pleased that two great Australian companies who share a focus on safety came together and created a

solution that allowed us to deliver goods and services to communities across Australia throughout the holiday season."

IOR Managing Director and CEO, Stewart Morland, paid tribute to the IOR team who designed the solution, leveraged suppliers, and worked to complete construction in record time.

"I want to recognise our team - many of whom worked during the traditional Christmas shutdown - to deliver for Incitec Pivot. I also acknowledge the suppliers who sourced and delivered 32 sets of the equipment required, such as pumps, pipework and fittings, to support our own manufactured product - no easy feat at that time of year.

"It is gratifying that IOR could complete this end-to-end project using our own in-house expertise and materials. We truly have become a 'one-stop shop' for customers in designing, manufacturing, installing, and servicing fuel storage facilities.

"Equally, as an Australian company, I am extremely proud that IOR could play a role in keeping Australian industry moving through the global AdBlue supply constraints. The team gave everything to this project to support those Australian businesses who have always supported us."

“Our partnership with IOR allowed us to rapidly ramp up our supply of AdBlue, with distribution increasing by 800% between December 2021 and January 2022.

“IOR were extremely solutions orientated and worked well with our response team, from the original concept design through to installation and maintenance.”

Jeanne Johns | Managing Director and CEO

Incitec Pivot Limited

Find out how IOR's fuel storage and management solutions could be designed and developed to be the winning edge for your business.

1300 457 467 | info@ior.com.au