



Case study

Rocks Brewery

Alexandria New South Wales

Sydney's premier craft brewery ensures it has gas bubbles for future expansion plans.

Sydney-based Rocks Brewery is one of the fastest growing craft breweries in Australia and produces 6,000 litres of premium crafted Australian ales a day. Its beers are on tap in selected pubs and restaurants around Australia, as well as in bottles at specialist craft beer retailers.

To support production at their new site in Alexandria, Rocks Brewery appointed BOC to implement an end-to-end gas solution that enabled the company to continue delivering quality products to its loyal and growing customer base.

Scotty Morgan, Head Brewer at Rocks Brewery said: "We have a really nice regular delivery driver who turns up every Friday and tops up the tank. He even came on a weekend when we needed extra Carbon Dioxide to cater for an unexpected increase in production."

The challenge

After moving from one brewery to another to brew their distinctive craft beer, the nomadic brewers at Rocks Brewery decided to set up their own brewery in Alexandria, approaching BOC to talk about their options for carbon dioxide supply at the new site.

Scotty Morgan explained finding a reliable carbon dioxide supplier that could support their current and future needs was important as it is a vital product used in the brewing and bottling process.

"Carbon dioxide is essential in brewing to purge fermentation vessels from oxygen as it can spoil the process and reduce shelf life, as well as to push beer around through different brewing stations. We also need it to carbonate beer using between 4.8-5.3 grams per litre and for bottling.

"After receiving a recommendation from a fellow brewer, I contacted BOC and chose them because they actually took the time to understand our business needs and our future vision."

The solution

After meeting with Rocks Brewery, BOC's Food and Leisure Specialist conducted a thorough analysis of their brewery plans and gas needs. They identified a gas delivery and supply solution that could immediately produce efficiencies, reduce production costs and ensure the gas storage vessel was large enough to supply future arms of the brewery.

BOC installed a gas system comprising of a two tonne Cryotank vessel for liquid carbon dioxide outside the brewery, a sophisticated pipeline network to all parts of the brewery from mashing to fermenting to filtering and additional infrastructure to support future expansions.

The vessel has a contents gauge that provides an indication of gas content to Rocks Brewery so they can monitor their gas levels, if necessary. BOC's CRYOSPEED® operators refill Cryotank vessels straight from the delivery truck, offering a safe, efficient and reliable solution ensuring no interruptions to production.

"This unique gas solution was perfect for us because our gas supply needs are increasing every year as our business grows and having our supply automatically topped up each week can easily be ramped up to a couple of times a week if need be.





The benefits

Since adopting the gas supply solution to its brewery, Rocks Brewery has reduced its forecasted gas costs and removed the need to stop production in order to reconnect single cylinders of carbon dioxide.

“Taking up this solution has provided us with a fast, steady supply of gas and eliminated the need to reorder our gas, which is a relief as my day is mainly spent managing a brewing team – so it’s one less headache.

“We never need to check on the carbon dioxide levels of our supply, as our Cryotank vessel is replenished automatically by BOC’s CRYOSPEED® operators. Our supply is lasting us 14 days and has reduced our forecasted costs significantly.

“Workers not having to touch our carbon dioxide supply has improved their safety and allowed them to spend more time creating the perfect beer for our customers.”

About Rocks Brewery: Rocks Brewery is an Australian-owned and operated brewery lead by fifth and sixth generation convict descendants. Our Australian beers bring to life the true stories of early convicts and settlers, beginning with traditional, great tasting ales – just like your grandfathers’ grandfather drank. Founded in 2008, Rocks Brewing Co is the culmination of a lot of dreams and not a small amount of blood, sweat and tears. After six years of being the quintessential Australian gypsy brewers, we have finally opened our own state-of-the-art, first-of-its-kind brewery in the Sydney suburb of Alexandria. The once industrial area is now at the forefront of the culinary scene and the perfect home for our craft beers, our new brewery and our Brewery Bar.

About BOC: BOC is a member of The Linde Group which supplies compressed and bulk gases, chemicals and equipment around the globe. The company develops safe, sustainable and innovative solutions for customers in many specialty sectors, heavy industry and medical environments. For more than a century the company’s gases and expertise have contributed to advances in industry and everyday life, including steelmaking, refining, chemical processing, environmental protection, wastewater treatment, welding and cutting, food processing and distribution, glass production, electronics and health care. For further information, see www.boc-limited.com.au

About The Linde Group: The Linde Group is a world-leading gases and engineering company with around 48,500 employees working in more than 100 countries worldwide. In the 2010 financial year, it achieved sales of EUR 12.868 bn. The strategy of The Linde Group is geared towards long-term profitable growth and focuses on the expansion of its international business with forward-looking products and services. Linde acts responsibly towards its shareholders, business partners, employees, society and the environment – in every one of its business areas, regions and locations across the globe. Linde is committed to technologies and products that unite the goals of customer value and sustainable development. For more information, see The Linde Group online at www.linde.com

Let BOC help you implement a similar solution

BOC Limited

ABN 95 000 029 729

Australia

131 262
contact@boc.com
www.boc.com.au

New Zealand

0800 111 333
customer-service@boc.com
www.boc.co.nz

Papua New Guinea

675 472 2377
sales.lae@boc.com.png
www.boc-png.com