



## Castlemaine Perkins Switches to Gas

Castlemaine Perkins has replaced existing coal-fired boilers with natural gas high efficiency steam boilers at its iconic brewery on Milton Road in Brisbane.

APA Group partnered with AGL to deliver the conversion project for the brewery, home of the XXXX beer brand.

The two coal-fired boilers, which were installed in 1980, have been phased out to make way for a new gas-fired system that will improve efficiency and provide benefits around energy consumption and emissions.

Castlemaine Perkins Operations Director Ian Roberts says the move to gas was an environmental decision in line with the brewery's ongoing commitment to sustainability.

"We are continually reviewing our brewery operations to ensure production is at best practice level, in line with community expectations, to make our business sustainable in the future," Mr Roberts said.

"The move away from relying on coal for everyday operation provides benefits for us from an operational level, but it's also in the best interests of the local community and the environment.

**"The gas-fired boilers are more efficient and have added advantages around minimising electricity and water use, as well as steam and carbon emissions."**

It is estimated that the new gas-fired boilers will generate up to 10,000Co2e pa less carbon dioxide emissions than the coal boilers.

The gas-fired boilers will also generate savings of up to 40kl of water per week due to the ability of the gas boilers to closely follow the brewery's requirement for a varying steam load.

The gas boilers will consume 100Kw less electricity than the coal boilers due to a reduction in energy required for the coal handling process including pumps and fans.

Additionally, the use of natural gas will remove any requirement for landfill disposal of ash and clinker from the coal boilers.

### XXXX: PART OF A PROUD BEER-MAKING HISTORY

- Castlemaine Perkins is part of Lion Nathan, a leading brewer, winemaker and marketer/distributor of alcoholic beverages in the Australasian and international markets.
- Lion Nathan's iconic beer brands include XXXX, Tooheys, Hahn, James Squire, Swan and J.Boag & Son beers.
- Lion Nathan also produce fine wine, spirits and RTDs for local and international markets.
- The Castlemaine Milton brewery produced its first brew in 1878.
- The first caricature of Mr Fourex appeared in 1924 in an advertisement and XXXX Bitter was born.
- XXXX Lite (relaunched as XXXX Gold in 1991) was first produced in 1979.