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Foster's Australia – standardizes on c-DGM for beer

Foster's, a premium global beverage company and the leading alcohol producing company in Australia and the Pacific, has standardized on the c-DGM of Norit Haffmans.

"When we visited Foster's in 2008 they were looking for a new oxygen measuring system to optimize the operational efficiency and improve the quality assurance," says Emmanuel Rurema, Sales Manager Quality Control. With the help of the local sales and service partner (JWII), Melanie Hignett and Glen Wright (both Foster's Yatralla Queensland), Ian McInerney BSc (Hons), Analytical Specialist of Foster's, decided to validate the c-DGM for the entire Fosters' Group at the end of 2008.

In addition to the attractive cost/benefit ratio and good retrofit in their processes, the main reasons for replacing their existing Total Package Analyzer with Norit Haffmans c-DGM were:



- **Cost saving**
 - Lower investment costs -one device for CO₂ & O₂ measurement
 - Lower operational costs:
 - easier to maintain
 - less beer losses
 - less frequent calibration
- **Accurate product control**
- **Reproducible and operator independent**

Excellent performance of Norit Nijhuis pumps in Sydney

Pumps with a measured efficiency of 92 percent save energy costs

For Sydney's Desalination Project at Kurnell, Norit Nijhuis recently supplied two split case pumps with a measured efficiency that exceeds 92 percent. Coupled with the measured motor efficiency the overall energy savings for the customer are more than 4 percent above the requested, which results in a potential annual energy costs savings of € 70,000.



The two pumps are installed in the pumping station at Kurnell that will pump the treated water into the drinking water network. Sydney's Desalination Project at Kurnell is one of the solutions to meet the need for fresh water, since climate change, population growth and drought threaten the water supply in Australia's largest city.

About 15 percent of Sydney's drinking water will derive from this desalination plant. After the reverse osmosis process during which Norit Nijhuis duplex pumps are used, the water is stored in drinking water tanks, before being pumped through an 18-kilometer pipeline into Sydney's water supply system. This long distance distribution of water requires a very efficient pump performance.

Norit Südmo Academy



In late spring, the Norit Südmo Academy was inaugurated by the Norit Board of Directors (Rene Kuipers, Bernard ten Doeschot and Menno M. Holterman) and Managing Director Oliver Rupps. On a regional level, Rupps and the Minister of Economic Affairs of Baden-Württemberg, Ernst Pfister, opened the Academy.



The Water Delivery Alliance (WDA) is responsible for building the pipeline and contacted Norit Nijhuis to design pumps that meet the desired requirements. According to the contract a capacity of approximately 4,000 m³/h and 8,000 m³/h should be achieved. The two split case pumps have been designed and produced accordingly for this project. The tests of the pumps in the Norit Nijhuis' test facility show even better results than required, with a measured efficiency that exceeds 92%, resulting in remarkable energy cost savings.