

Petroquímica União (PQU) selects ABB ethylene technology

BLOOMFIELD, NJ, November 21 – ABB has been selected by Petroquímica União S.A. (PQU) to provide technology and engineering services for a revamp of their existing ethylene plant in Santo André, São Paulo, Brazil. The plant's total production capacity will be increased by 200,000 metric tons per year (MTA) to 700,000 MTA, and is expected to go on stream at the expanded capacity in 2008.

ABB Lummus Global will supply its latest ethylene technology, which includes a binary refrigeration system that combines two separate refrigeration systems into a single system. This significantly reduces capital investment for the revamp, while lowering plant maintenance costs and increasing reliability. Binary refrigeration is particularly beneficial in revamps, as it minimizes plot space. In addition, two new high selectivity SRT[®] VI cracking heaters will be added to achieve the required plant capacity and operating flexibility.

ABB Lummus Global is part of ABB (www.abb.com), a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 102,000 people.

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