

## **Atmosphere control system to extend shelf-life**

On Site Generating Solutions, Australia, is offering a nitrogen generation system as an independent, reliable and economic source of manufacturing nitrogen on-site. This novel system is based on pressure swing adsorption (PSA) technology and fully automatic controls eliminate the need for any personnel supervision. In the PSA process, ambient air is compressed in a lubricated, air-cooled compressor. The compressed air then enters a refrigerated drier and filters, where water and oil are removed, and later passes through a carbon molecular sieve where oxygen is adsorbed to yield nitrogen.

Nitrogen is used to extend the shelf-life of packaged food products, including meats and small-goods. Contact: On Site Generating Solutions, Australia. Tel: +61 (3) 5368 7445; Fax: +61 (3) 5368 7439; E-mail: [info@onsitegenerating.com](mailto:info@onsitegenerating.com); Website: <http://www.onsitegenerating.com>. (Food and Pack, February 2001)