



## Australian 2015 Prime Ministers Prize for Innovation

Congratulations to Professor Jameson on being awarded the 2015 Prime Minister Award for Innovation. With over 330 cells installed, and the creation of \$36B in extra sales in coal applications alone through the recovery of fine coal with Jameson Cells, this truly is a standout innovation in the mining industry.



## Glencore Technology Assist in Pasar Refinery Modernisation

A team from Glencore Technology has recently assisted the Pasar Copper Refinery in its ongoing modernisation projects, culminating in a major shutdown and refit. The work involved replacing the aged Liberator Cells, which needed a complete replacement, as well as some of the existing infrastructure.



Changes were also made to the flowsheet to improve productivity and materials handling, which has enabled the Primary Liberator Cells to now achieve LME Grade A equivalent quality copper.

A small team from the Glencore Technology Tankhouse Technologies group, oversaw the final replacement of the cells. Project Manager, Brendan O'Rourke remarked, "the age of the cells required care in dismantling as well as deployment away from the existing tank house. We only had a small window in which to do this work, so we had to ensure we co-ordinated all planning and work activities around the operation of the tank house. The scope of supply and installation involved 57 new cells, top cell hardware, electrolyte reticulation, DC Busbar, electrodes and control systems. It was a credit to the efforts of the PASAR project team members, the installation contractor CTI Pacific and their dedicated local workforce, that the end result was a successful installation".

## High Capacity Robotic Stripping Machine Commissioned

The latest installation of Glencore Technology's robotic stripping technology has been installed at the heap leaching operation at Antucoya, Chile. Noel Kimlin, Glencore Technology Engineering Superintendent, oversaw the wet commissioning and final acceptance testing.



He commented that the machine is the first high capacity machine introduced to the copper industry, and follows on from the first machines installed at CST Mining Group's leaching operation at Lady Annie Mine in Australia and the Nikkelverk Copper Refinery in Norway. The robotic stripping machine can achieve strip rates of 420 plates per hour and is capable of automatic corrugation press, sampling, weighing, labelling and strapping to produce the completed bundles ready for sale.

Glencore Technology has the expertise to get the most from your operation, whether it is mineral processing, hydrometallurgy, smelting or copper refining and electrowinning, we can make a difference.



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