

GLENCORE TECHNOLOGY

NEWS UPDATE

Brisbane, March, 2018

Glencore Technology Introduce Accurate Online Flotation Calculator

Glencore Technology have introduced the first accurate online calculator for estimating the required Cell installation for a given flotation circuit. The result shows what Jameson Cell installation is needed to deliver any given target concentrate.

The online calculator, available for free, takes key parameters like commodity and cell duty to decide what calculations are needed. Then it's remarkably thorough as it executes them.

It takes specific feed and concentrate grades, recovery targets and percentages of solids and it builds each stage through roughers, cleaners and recleaners.

The result is a powerful indicator of what the recommendation could contribute to a flotation circuit and to the downstream flowsheet. It reveals what type of Jameson Cells would deliver the outcome and how many bubble-generating downcomers would be required.

While it can't serve as a specification without human problem-solving, it can help direct information-gathering, planning and show what's possible.

Virginia Lawson, Jameson Cell's Technology Manager, says, "This is the first time an accurate online estimation tool has been delivered to the market, and it's incredibly insightful. I think many companies have been coy to share this depth of information, but there's no loss provided the indicator is meaningful."

The online calculator can be found at the Jameson Cell website, at <http://www.jamesoncell.com/en/downloads/Pages/JamesonCellOnlineCalculator.aspx>

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Notes to editors

About Glencore Technology

Headquartered in Australia, Glencore Technology utilise a global network to develop and market leading metallurgical processing technologies for the benefit of our customers around the world.

Our technologies provide critical value-add solutions that transform raw commodities into the purest metals efficiently and sustainably. Many of these technologies have been developed and proven at our own sites, like ISASMELT™ and IsaMill™, which were pioneered by Mount Isa Mines and helped revolutionise mining and smelting processes all over the world.

Our approach is premised on a technology partnership to provide a full product and service offering, including process flow design, engineering, equipment supply, commissioning and operational expertise, and ongoing process and maintenance support.

