



HOW TO IMPROVE RECOVERIES AND REVENUE GENERATION IN GOLD MINING AND COPPER OPERATIONS

Live Online Course – InterMet Virtual Platform

September 23, from 6 p.m. to 10:00 p.m. (Peruvian time)

Overview

As the resources and mineralogy in South American gold and copper operations steadily becomes more complex and degraded, it's becoming a challenge to the profitability and longevity of some operations. However, Glencore Technology has identified a number of important indicators and trigger points that present operations with hydrometallurgical and pyrometallurgical opportunities. These can extend life of mine, transition the process plant to custom/external feed and increase the returns from an operation.

In this short course, Dr Stanko Nikolic takes you through an overview of the problem, the opportunities, the indicators to help identify decision making trigger points and what some of these technological options are. He gives an overview of the Albion Process™ and ISASMELT™ technologies, through real world examples, and their adaption to Copper applications and Gold applications.

This course is of significant value to staff, technical, management and operators in Copper and Gold applications interested in flowsheet improvements that deliver greater recoveries upstream or indeed to the final product from their operation.

Content

Intro

- Hydro/Pyro decision making
Albion Process™ description
ISASMELT™ description
- Cu Applications and Hydro/Pyro decision
Impact of Tonnage, mineralogy and compositions for determining ideal route with respect to economics.
Example of ISASMELT™ implementation
Example of Albion Process™ implementation
- Au applications and Hydro/Pyro decision
Impact of Tonnage, mineralogy and compositions for determining ideal route with respect to economics.
Example of ISASMELT™ implementation
Example of Albion Process™ implementation (Show calculator)
- Summary, Resources and Questions

PRESENTER**Stanko Nikolic**

Stanko has over 13 years' experience in the extractive metallurgy industry and has worked in numerous roles in technology, projects and operations. Stanko holds a Ph.D (Metallurgy) and B. Eng (Minerals Processing) both from the University of Queensland and is currently the Technology Manager for the hydrometallurgy and pyrometallurgy business at Glencore Technology. Stanko works on development, studies, basic and detailed engineering projects and site construction/commissioning for the Albion Process™, ISASMELT™, ISACONVERT™, BBOC™ and other Glencore Technology owned technologies.

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