



Gold Processing for Non-Metallurgists

1-Day Course

Modern Approach to Processing Gold Ores

Perth

22 October, 2020
8:30 am – 4:30pm

Ibis Hotel
334 Murray Street, Perth, WA

Kalgoorlie

23 November, 2020
&
27 November, 2020
8:00 am – 4:00pm

Overland Hotel
566 Hannan Street, Kalgoorlie, WA



Curtin University

W.A. SCHOOL OF MINES: MINERALS, ENERGY AND CHEMICAL ENGINEERING

Gold Technology Group

in association with



GOLD PROCESSING FOR NON-METALLURGISTS

Presenters

- Dr Teresa McGrath, Gold Technology Group, WASM-MECE, Curtin University
- Bill Staunton, Gold Technology Group, WASM-MECE, Curtin University

Course Content

Introduction to the metallurgical steps involved in gold processing and the economic and technical factors that need to be considered when designing and operating a gold processing plant.

Topics covered will include:

- Background to Gold Processing (including history of gold processing, exploration, mining and the project life cycle)
- Crushing and Grinding – the critical first steps
- Recovering Gold by Gravity – the simplest option
- Refractory Gold – processing difficult ores
- Leaching Gold with Cyanide
- Recovering Gold from Solution – Merrill-Crowe and Carbon in Pulp,
- Smelting and Refining Gold – making the final product
- Disposal of Gold Mine Tailings.

Who Should Attend

Designed to provide [non-metallurgists](#) with an introduction to the modern approach to gold processing/extraction.

Participants will obtain an understanding of the critical steps in typical flowsheets, including the technical and economic drivers that determine plant design. Geologists, mining engineers, environmental scientists, finance, purchasing, and human resources staff will find this course useful and interesting.

Cost

P420G Sponsors: **Free (must register)**

Other Amira Global Members: **\$880 (incl. GST)**

Non Amira Global Members: **\$1,100 (incl. GST)**

Contact sara.sulway@amira.global to check whether your company is a sponsor and/or member.

Location & Time

Ibis Hotel
334 Murray Street, Perth, WA
October 22, 2020
(registrations close Oct 15)
8:30 am - 4:30 pm

Overland Hotel
566 Hannan Street, Kalgoorlie, WA
November 23, 2020
(registrations close Nov 16)
&
November 27, 2020
(registrations close Nov 20)
8:00 am - 4:00 pm

Registration

Register online www.amira.global/events

Further information

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