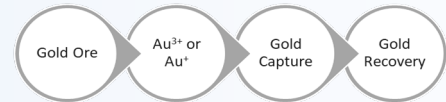


View new technologies for Mineral Leaching, Precipitation, and Automatic Drum Packing of hazardous materials.
Also on display will be world class Impact Weighers and a novel Water Disinfection System.

28th July 2021, 4pm to 6pm at Adelaide Control Engineering workshops, 10 Peekarra Street, Regency Park

Gold Mining - NEW environmentally friendly cyanide and mercury free process.

View demonstration of use of common chemicals for leaching of gold and capture using polysulphide media. Greater than 90% recovery.



* Demonstration by Flinders University



Fluid Bed Precipitation

Solids retained for 80 hours promoting crystal growth.

Larger crystals and improved morphology leads to;

- ◇ Efficient dewatering and reduced dust levels
- ◇ Reduced energy consumption for drying and calcining.
- ◇ Minimised opportunity for contaminant inclusion
- ◇ Improved physical properties for handling

* Containerised Pilot Plant available for proving on your process.

Automatic Drum Packing Module

Functional module can be viewed in operation.

Key Features;

- ◇ Modular fully workshop tested
- ◇ Fully automatic filling & sampling
- ◇ Operates unattended
- ◇ High level safety system
- ◇ Product security
- ◇ Reduced dust exposure



Electrochemical Water Disinfection

Disinfects water by generation of strong biocides of Cl₂, O₃, H₂O₂ and OH⁻ radical. Suitable for disinfection of potable water storage facilities and industrial cooling towers. With correct installation will kill all pathogens including legionella.



Impact Weighers

World class weighers for solids, designed and manufactured in Adelaide SA.

- ◇ Suitable for use with hazardous materials
- ◇ Computer compatible interface
- ◇ Built in check weigh
- ◇ Optional sweep sampler
- ◇ Accuracy +/- 0.5%
- ◇ Flows up to 1,000tph

Proven uses include;

- ◇ Mineral sands
- ◇ Alumina
- ◇ Cement

