

Zinc, Lead & Silver

Zn



Uses: Over 50% of the consumption of zinc is for galvanising steel. 80% of lead production is used in vehicle batteries. Most of the silver uses are industrial with 31% used for jewellery and coins

Factors influencing demand:

Current demand is being driven by the increasing demand from China and India



Yokogawa's involvement with zinc, lead and silver

We have control systems in these mines

GlencoreXstrata McArthur River Mine

GlencoreXstrata's McArthur River Mine in the Northern Territory. An open cut mine producing 390,000 tonnes of zinc concentrate and 40,000 tonnes of lead in 2012. The Processing plant is controlled by a Yokogawa Centum DCS system.

The mine also uses AXF flow meters, EJX pressure transmitters and analytical products.

GlencoreXstrata Mt Isa Mine

GlencoreXstrata's Mt Isa Mine Mt Isa NW Queensland. An Underground mine producing 390,000 tonnes of zinc concentrate and 153,000 tonnes of lead in 2012. The Zinc/lead processing plant is controlled by a Yokogawa Centum DCS.

The mine also uses AXF flow meters, EJX pressure transmitters and analytical products.



Snow Peak Mining

Snow Peak Mining operates in Northern Queensland with 4 mines and three processing plants. The mines produce 40,000 tonnes of zinc and lead as well as 22,000 tonnes of copper. The Processing plant is controlled by a Yokogawa Centum DCS system.

The mine also uses AXF flow meters, EJX pressure transmitters and analytical products.



Golden Grove

MMG's Golden Grove mine located in Western Australia's mid-west. The mine in 2011 produced 71,000 tonnes of zinc concentrate and 22,000 tonnes of copper concentrate from 2 underground mines and an open pit. Processing is by conventional grinding and a flotation process. The processing plant is controlled by a Yokogawa Centum DCS system and the Exaquantum plant information system. The mine also uses AXF flow meters, EJX pressure transmitters and analytical products.



Dugald River

Dugald River is a world class zinc, lead and silver ore body located in north western Queensland about 85 kilometres north of Mt Isa. This underground mine is planned to produce about 220,000 tonnes of zinc in concentrate, 30,000 tonnes of lead in concentrate and 0.9 million ounces of silver in concentrate per year. First shipment is expected in the 4th quarter of 2015. The mine has a projected life of 20 years.

