

Guyan Gold Project – Saudi Arabia

2T Modular Elution, Carbon Regeneration & Gold Room



Project

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Location

Saudi Arabia

Client

Al Masane Al Kobra Mining Co.

Commencement Date: July 2019

Practical Completion: December 2019

Description

Como Engineers were engaged to supply a 2T Modular PLC Automated Pressure Zadra Elution System with an all-electric 100kg/h Kiln supplied by our long-term partner Custom Furnaces, including carbon regeneration structure, feed hopper, quench tank and ancillary equipment.

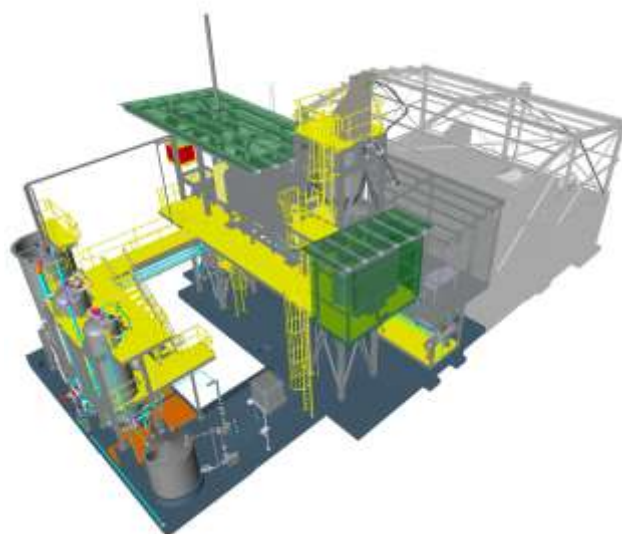
The scope included the design of a concrete tilt panel gold room, with the supply of secure doors, vault door, safe and other gold room equipment.

The Elution plant was designed, fabricated, assembled and hot run tested in Perth, prior to disassembly and packing in 6 off 40' sea containers, 24 weeks Ex-Works.

The Carbon Regeneration Kiln, modular structure, hoppers and chutes were fabricated in South Africa and shipped to site in 4 off 40' sea containers.

The system included a 400kW Direct Eluate Electric Heating system with full PLC control of all elution and electrowinning process steps.

This system was manufactured to Como's latest design with improved safety and modularity, saving time during site installation.



Project Manager

Casey Dawson