

MINING PROFILE



The Next Generation of World Class S.M.E.I.P Engineering

Steelwork, Mechanical, Electrical, Instrumentation and Piping · Engineering, Fabrication and Site Erection

SELECTED MINING EXPERIENCE

Fabrication, supply and site erection for mines across Southern Africa and the Indian Ocean islands

Mining & Minerals

Maamba Collieries, Zambia	Coal wash plant, including the conveyors and the sizing plant
Ambatovy Nickel Mine, Madagascar	1st, 2nd and 3rd effect crystallisers, rubber-lined slurry tanks and associated piping
First Quantum Mine, DRC	Fabrication of the acid plant and the elution towers
Mopani Mine, Mufulira, Zambia	Cold exchangers for the acid plant
Fairview Mine, Barberton	Gold tailings plant: structural steel, tanks, gold room and 21 m thickener
Sulphuric acid plant, DRC	Tanks for the sulphuric acid plant
Idwala Mine, Port Shepstone	Ore sorter project: supply and installation of steelwork, conveyors and vessels



Coal Wash Plant and Conveyors for Maamba Collieries

SECTOR Mining (coal) | **SITE** Maamba Collieries, Zambia | **SCOPE** Coal wash plant, conveyors and sizing plant



Process equipment for the Ambatovy Nickel Mine in Madagascar

SECTOR Mining & Minerals | **SITE** Ambatovy Nickel Mine, Madagascar | **SCOPE** Crystallisers, slurry tanks and piping

Channel Construction fabricated and supplied process equipment for the Ambatovy Nickel Mine, including the 1st, 2nd and 3rd effect crystallisers, the rubber-lined slurry tanks and the associated piping. All equipment was fully fabricated, blasted, painted and shipped to site.

- Crystalliser envelope material of construction: 304H stainless steel



Acid plant and elution towers for First Quantum Mine in the DRC

SECTOR Mining & Minerals | **SITE** First Quantum Mine, D.R.C. | **SCOPE** Acid plant fabrication and elution towers

Channel Construction fabricated the acid plant for First Quantum Mine in the Democratic Republic of Congo and built the elution towers.



Cold Exchangers for the Mopani Mine acid plant in Zambia

SECTOR Mining & Minerals | **SITE** Mopani Mine, Mufulira, Zambia | **SCOPE** Acid plant cold exchangers

Channel Construction supplied the cold exchangers for the acid plant at Mopani Mine: **4 carbon steel** and **3 stainless steel** cold exchangers, each with **5,700 tubes**.



Gold tailings plant for the Barberton Fairview Mine

SECTOR Mining & Minerals | **SITE** Fairview Mine, Barberton | **SCOPE** Steelwork, tanks, gold room and 21 m thickener

All structural steelwork and tanks were manufactured in house, transported to site and erected, including a gold room and a 21 m thickener.



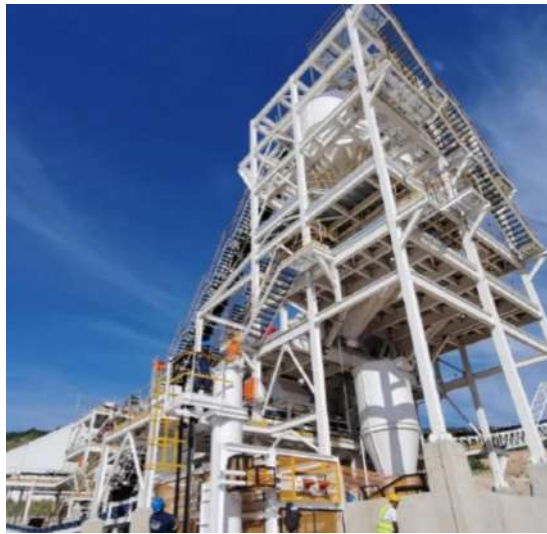
Tanks for a sulphuric acid plant in the DRC

SECTOR Mining & Minerals | **SITE** Democratic Republic of Congo | **SCOPE** Tanks for a sulphuric acid plant



Steelwork, conveyors and vessels for Idwala's Ore Sorter

SECTOR Mining & Minerals | **SITE** Idwala Mine, Port Shepstone | **SCOPE** Steelwork, conveyors and vessels



CONTACT US

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