PROJECT PROFILE



Commodity:	Diamonds
Client:	Societe Anhui-Conge D'Invetiment Minier (SACIM) SARL
Location:	Mbuji-Mayi, DRC
Project Type:	EP
Scope:	Engineering design & supply of a 150 tph Diamond Plant
Completed:	2018
Value:	USD 4 million

SACIM SARL 150 tph Diamond Processing Plant

SGS Bateman has a long history of successful project execution in the DRC. Past projects include diamond processing plants for Miba Mine and copper processing plants for Chemaf SARL to name a few. SGS Bateman also has a long relationship with SACIM, starting in 2011 with the supply of four 150 tph, alluvial diamond processing plants for its sister companies Anjin and Jinan in Zimbabwe. Later in 2015 a 100 tph Dense Medium Separation (DMS) plant was supplied to SACIM's Mbuji-Mayi operations. All plants were standard, manually operated, modular processing plants.

In 2017 SACIM commenced with an expansion project at the Mbuji-Mayi plant. The project would add an additional 150 tph capacity to existing operations. SGS Bateman was selected as the successful bidder, with a processing plant consisting of scrubbing, screening and DMS plants. The plant was a standard SGS Bateman Modular design, beneficiating -32 mm, diamond bearing ore at a feed rate of 150 tph. DMS product is sent for hand sorting and DMS tailings discarded as waste material.

The plant was constructed, fully trail erected, and water tested at SGS Bateman's sub-contractor's works in South Africa. The client witnessed the water testing, where after the plant was packed and trucked to Lubumbashi. From Lubumbashi the client transported the plant to site by rail. Due to pre-erection in South Africa it was possible for the client to site erect the plants them self.

SGS Bateman – Modular Plants

SGS Bateman (formally known as Bateman) has a long track record of successful project implementation in Africa and abroad since pioneering the modular concept in the 1960's. With the slogan *"Process Plants the Work"*, SGS Bateman prides itself on offering competitive minerals processing plants that reduce risks by using proven designs, shorten project implementation and maximise returns in difficult project locations.