

Minerals Processing Solutions

Kimberlite
Angola

- Project type:** Supply of complete processing plant including DMS circuit for diamond recovery.
- Customer:** LUO Sociedad Minera Do Camatchia Camagico SARL, Angola
- Plant:** Diamond Recovery Plant. Supply of complete processing plant including DMS circuit for diamond recovery.
- Ore:** Kimberlite
- Scope of supply:** Primary feed rate 130 MTPH
The ROM feed material is reduced in size in one stage by autogenous grinding, followed by dense media separation (DMS). The concentrate is further processed manually in the Sorting Plant.
- Equipment & process**
- Autogenous Grinding Mill
 - Screens
 - Screening Media
 - Slurry Pumps
 - Steel Structures
 - Conveyors
 - Conveyor Accessories
 - Hydro cyclones
 - Slurry Hoses, Chutes
 - Wear resistant lining material
 - El & Automation, Containerized
 - Process instrumentation
 - Process Building
 - Spare and Wear parts for commissioning and initial operation



Benefits: The benefit to the customer was working with only one supplier, which had proven to be reliable, Metso. From basic flowsheet design to final plant design and supply. Fast delivery and process plant performance responsibility.

Comments: Short schedule 14 months from order to commissioning.

Year: 2004. CIP Luanda, to site by customer

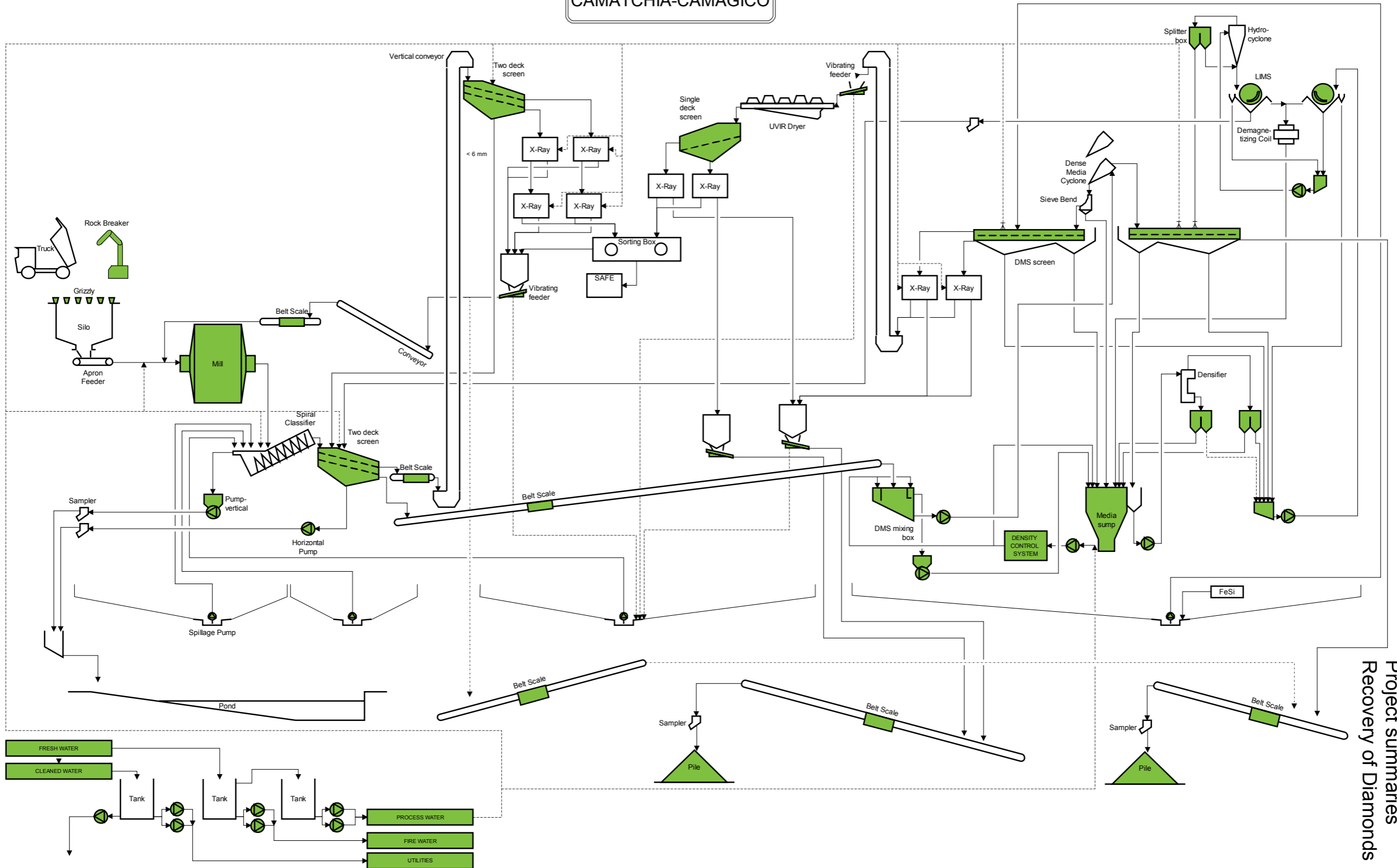
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CAMATCHIA-CAMAGICO



Project summaries
Recovery of Diamonds