



Project Video

TAKRAF Material Handling Competence for CBG's Bauxite Expansion Project in Guinea

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This video showcases TAKRAF's integrated project delivery capability through an overview of the Compagnie des Bauxites de Guinée (CBG) bauxite expansion project in Guinea. The EPC project, awarded to TAKRAF in late 2016, aims to increase bauxite exports from 13.5 mtpa to 18.5 mtpa and includes the delivery of a greenfield wagon unloading and primary crushing station, as well as a secondary crushing station and a complex brownfield conveyor system within existing facilities.

The wagon unloading system was designed and developed in collaboration with Ashton Bulk Ltd. The crushing station includes three TAKRAF sizers, a primary sizer in the pit under the dump truck and two secondary sizers. These sizers, as well as the apron feeders, were designed and manufactured at our TAKRAF Product Center in Lauchhammer, Germany.

The project has achieved a number of important milestones, primary of which being the exemplary safety record of more than 1,500,000 LTI free hours as of December 2018. Furthermore, the sizers, commissioned in March 2019, had, as of February 2022, crushed more than 47 million tons of bauxite ore and the two secondary sizers were operating on their original set of wear parts.

Lastly, the project also included a strong socio-community development aspect. TAKRAF, in line with its commitment to sustainable development put its project

management expertise at the service of the community by equipping the Kamsar soccer stadium with lighting, a world-class pitch with drainage system and artificial turf. This now enables the stadium to host national and international competitions.

Andreas Papst, TAKRAF Senior Project Manager, had this to say upon completion of the video, “We would like to once again thank and congratulate our supportive client, CBG on the great achievement of this project, together with all TAKRAF colleagues and all stakeholders involved in ensuring its success. TAKRAF’s successful delivery of this project is an important reference for us and is a true testament of our competence as a leading global provider of bespoke material handling solutions.”