

KICC Concentrator Finished Commissioning Successfully

Kinsenda Copper Company (KICC), a subsidiary of Metorex (Pty) Limited, has successfully finished the commissioning of the processing plant which has been put into production now.

The processing plant is a major production line for KICC and its design capacity is 600,000 tpa. In February 2017, the plant completed C3 & C4 commissioning. KICC started to prepare for C5 commissioning from 6th April 2017, and officially launched plant commissioning with ore on 14th April 2017. With the processes of ore crushing, milling, flotation and dehydration, eventually copper concentrates were produced via filter presses at 16:00 pm on 22nd April 2017, which presented that all of equipment and procedures were operating appropriately and the commissioning is completely successful.

During the commissioning, KICC management and technical team worked together overtime on site to address the problems occurred. Currently the plant is running properly, and various technical parameters have basically meet the design indicators. As of 25th April 2017, 9883 tons of ore have been crushed and 5091 tons have been milled. The average head grade is 2.08% Cu, and the oxide ratio is 24%, copper contained in tailings is around 0.26% Cu. 70 tons of sulphide concentrates have been produced at an average grade of 42.20% Cu and the overall recovery is 90.18% against the design recovery of 88.34%.

For the ramp-up production, KICC will continue to improve processing conditions and optimize operational parameters of equipment for the plant. The production will be correctly scheduled based on ore production so as to achieve the capacity of 600,000 tpa by the end of the year.

