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Forward thinking CITIC HIC sponsors CEEC: the efficient mineral processing champions

CITIC HIC commenced business in 1958. After more than 50 years of evolution and development, it has become a significant global supplier of mining, cement and metallurgical equipment. Products include grinding mills, stirred media mills, scrubbers, gyratory crushers, jaw crushers, cone crushers, kilns, coolers, hoists, reducers, steam turbines and compressors.

In addition to its own range of mining equipment for mineral separation CITIC HIC also manufactures mining equipment components for other OEM suppliers including FFE Minerals, Metso Minerals, Outotec and others. CITIC HIC has offices in Australia, Brazil, Canada, Chile, India, South Africa and Spain.

CITIC SMCC Process Technology Pty Ltd (CITIC SMCC) is a newly formed subsidiary company of CITIC HIC Australia, following the acquisition of SMCC Pty Ltd on 6th July 2012. CITIC SMCC is based in Brisbane, and has provided technical services to various mining projects since January of 2013, mainly in the area of comminution circuit design, technology and equipment selection, and optimization of mineral processing plants.

Rajiv Kalra, CITIC HIC CEO and Global General manager commented

“We at CITIC Heavy Industries are very proud to sponsor CEEC and support their mission. Grinding is one of the highest power consuming stages in mineral processing. CITIC HIC range includes energy efficient equipment such as HPGRs & stirred mills. A lot of work is being undertaken to improve drive efficiencies in this area with our own manufactured variable speed drives & automation products. The latest generation of CITIC Heavy Industries Variable Speed Drive technology provides optimal performance, easy maintenance and high efficiency in its class.”

About CEEC: CEEC is a not-for-profit global company whose mission is to accelerate knowledge transfer in the field of energy efficient comminution (crushing and grinding). CEEC aims to raise awareness of beneficial energy efficient comminution strategies with the objective of improving earnings, achieving lower processing costs and gaining energy efficiencies in the mining sector.

CEEC is the acronym for the Coalition for Energy Efficient Comminution. CEEC was established by a visionary group of mining industry leaders, who recognised the need to provide a platform for effective communication of technical findings on efficient comminution practices.

www.ceecthefuture.org



Extensive research and improved engineering design has established that a range of improved blasting, crushing and grinding techniques may lower project costs, and improve productivity in mineral processing. These include relatively straight forward strategies such as removing waste material before size reduction, a better combination of grinding technologies and targeting larger grind sizes where mineralogy allows.

CEEC is funded wholly by industry sponsorship from Anglo American, Barrick Gold, IMARC, Antofagasta Minerals, CITIC HIC, Gekko Systems, Ausenco, XT, Outotec, Orica, Derrick Corporation, Metso, AMIRA International, MMG, Weir Minerals, New Gold, Multotec and Russell Mineral Equipment.

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