

KROHNE Electromagnetic Flowmeters Selected for Sino Iron Project

- Largest magnetite mining and processing operation under construction in Australia
- Access to over two billion tonnes of magnetite ore
- OPTIFLUX 2100 series will be installed on all raw, process, cooling and gland water within the project

Text:

Shanghai, China – February XX, 2011: KROHNE's Shanghai subsidiary secured a major project win for CITIC Pacific Mining's Sino Iron Project in Australia. The massive Sino Iron project is being developed at Cape Preston, 100 kilometres south west of Karratha in Western Australia's Pilbara region. It is the largest magnetite mining and processing operation under construction in Australia. KROHNE's OPTIFLUX 2100 series of electromagnetic flowmeters will be installed on all raw, process, cooling and gland water within the project and were chosen because of their long term reliability and durability.

CITIC Pacific Mining's Sino Iron project is a world class, large-scale magnetite iron ore project. It is bringing innovative, new mining processes to this country and is the first iron ore project to include large scale downstream processing. The project will draw on the expertise and skills in magnetite processing from Chinese and other world leaders in this field, providing an excellent opportunity for Australia to benefit from exposure to international skills and processing technology. The Sino Iron Project will be a highly technical, value-adding operation requiring significant processing and transport infrastructure. The project has access to over two billion tonnes of magnetite ore and, when operational, will be one of the world's largest mines.

KROHNE's OPTIFLUX 2100 electromagnetic flowmeter consists of the OPTIFLUX 2000 sensor coupled with the IFC 100 signal converter. The OPTIFLUX 2000 electromagnetic flow sensor is the optimum solution for minerals processing water and wastewater applications. Using brand new technology has enabled us to increase the measuring performance of OPTIFLUX even further. These improvements are particularly useful where today's meters begin to capitulate. This increase in performance was possible by a 30-fold improvement in the measuring technology components. Here we exploited all known optimization potentials. The IFC 100 signal converter provides an outstanding price/performance ratio and has been developed for applications requiring an economical solution for the measuring task at a high technological level. The IFC 100 is also equipped with extensive diagnostic tools for device function and application tests.

About KROHNE: Established in 1921, KROHNE is a family-owned business employing 2,227 people around the world with representatives on all continents. The company has its headquarters in Duisburg, Germany where it develops, manufactures and sells products in the field of measuring technology. KROHNE stands for innovation and superior product quality KROHNE is one of the market leaders in industrial process measuring technology.

Picture:



Caption: The concentrator area. The first two of 12 mills placed on their foundations.

Contact:

KROHNE Australia Pty Ltd

Aaron Thomas

Industry Manager - Mining & Minerals Processing, Asia Pacific

+61 (0) 403 187 083 (mobile)

aaron@krohne.com.au