



ASX Announcement

XRF Scientific first sales to China

22 January 2007: XRF Scientific Ltd (ASX: XRF) has announced its debut on the Chinese market, with first sales of the Phoenix fusion machine and corresponding laboratory accessories (Platinum Lab Ware) to General Electric research laboratory in Shanghai. The deal comes following a successful exhibition at the *Analytica China 2006* earlier in December 2006. Financial details were not disclosed.

The Phoenix series of fusion machines are designed to allow the preparation of permanent and homogenous fused glass discs under accurately reproducible conditions for subsequent x-ray analysis. The sample of ore is mixed with an x-ray flux mixture (typically in a sand form), and melted together at a temperature of 1050°C. The Phoenix is designed to stir the mixture regularly while being heated so as to ensure a homogenous solution. The liquid is then decanted into a platinum plate and cooled so that the final disc, approximately the size of a 20c coin, is an even representation of the composition of the ore being extracted or mined. The disc can then be analysed in closer detail in an x-ray spectrometer.

GE research laboratory will use the fusion machine to analyse coal ash, metal oxide powder, ceramic samples and slag (a by-product of smelting ore to purify metals).

Fusion machines both gas and electric as produced by XRF Scientific, are used to prepare a wide range of samples for analysis by x-ray fluorescence, atomic absorption, inductively coupled plasma-atomic emission and a variety of classical chemical techniques. Sample types include oxides, sulphides and silicates that comprise many of the ores and concentrates in the mining and metallurgy industry.

XRF Scientific has engaged a local agent to handle distribution of its products in China.

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About XRF Scientific

XRF Scientific is a recently listed (ASX: XRF) Perth-based company manufacturing a range of laboratory instruments, chemicals and platinum ware. XRF has a global customer base that ranges from small analytical services companies to major multinationals.