

THE HISMELT PROCESS - THE KWINANA PLANT OPERATION

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Abstract

The Hismelt Direct Smelting Technology has been developed by the Rio Tinto Group for over 25 years. The paper discusses the start-up and ramp-up of the first commercial Hismelt plant in Kwinana, Western Australia, to 800.000 tpy. Presentation of the history, technology and latest results. Results to be presented around productivity, maintainability, and future developments.

Key words: Hismelt process.