



Operational simulation model of the raw material handling in an integrated steel making plant



ArcelorMittal www.arcelormittal.com

ArcelorMittal S.A. is a multinational steel manufacturing corporation headquartered in Avenue de la Liberté, Luxembourg. It was formed in 2006 from the takeover and merger of Arcelor by Mittal Steel. ArcelorMittal is the world's largest steel producer, with an annual crude steel production of 93.6 million tones as of 2012.

This article is focused on the design and implementation of an operational simulation model (OSM) of the handling of raw material in an integrated steel making plant, considering operations of receiving, unloading, stocking, handling and supplying the different raw materials related to the production process with an operational perspective. The aim of this focus is to help in the decision making of the team controlling the inventory.

Simulation and Forecasting Technology role

Operational simulation model, production process

Sector

Metals

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