

Pelletisation of Iron Ore Fines and Concentrates

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Abstract:

With increasing demand of high grade iron ore and generation of large amounts of low grade iron ore fines, it has been essential to utilize these fines in the agglomerated form preferably as heat harden pellets after suitable beneficiation, for iron making in blast furnace or DRI plants. In this paper, a typical case study has been made for production of heat hardens pellets. A detail account on the manufacturing process with various infrastructural facilities have been described and discussed. A flow sheet of the process has been given with a list of major equipments.