

The Effect on Rolling Mill of Waviness in Hot Rolled Steel

Authors : Sunthorn Sittisakuljaroen

Abstract : The edge waviness in hot rolled steel is a common defect. Variables that effect for such defect include as raw material and machine. These variables are necessary to consider. This research studied the defect of edge waviness for SS 400 of metal sheet manufacture. Defect of metal sheets divided into two groups. The specimens were investigated on chemical composition and mechanical properties to find the difference. The results of investigate showed that not different to a standard significantly. Therefore the roll milled machine for sample need to adjustable rollers for press on metal sheet which was more appropriate to adjustable at both ends.

Keywords : edge waviness, hot rolling steel, metal sheet defect, SS 400, roll leveller

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