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Rolling Technology and Modernization of Chiba Works

Development of Advanced Transverse Thickness Profile Control of Thin Hard Steel Strips at Tandem Cold Rolling Mill

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Synopsis:

A new edge drop control system for thin hard steel strip has been developed by applying suitable taper profile in the one-side tapered work roll shifting method (K-WRS: Kawasaki Steel work roll shifting method) to four 6-high mills at the No. 2 tandem cold mill at the Mizushima Works of Kawasaki Steel. The feed-forward edge drop control system, corresponding to the amount of crown of a hot-rolled strip, and feed-back edge control system using an edge drop sensor, have been established in the tandem cold mill.

Development of Advanced Transverse Thickness Profile Control of Thin Unry Steal String of Tondow Cold Rellies Fails Synopsis:









