Hardness testing for rolling mills

Rolling is a metal forming process in which metal stock is passed through one or more pairs of rolls to reduce the thickness and to make the thickness uniform. Rolls are easily worn out during the metalworking process due to metal fatigue, stress and temperature change. The Leeb hardness testing method is commonly used to monitor performance of rolls and to signal roll change when surface hardness deviates from specification.

With its unmatched portability and data accuracy, Proceq's Equotip 550 is currently used by many rolling mills to monitor roll surface hardness.