

The use of TPM improvement activities, improve production efficiency - In a Coil Center Industry

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ABSTRACT

In recent years, the overall global economy exhibits high degree of uncertainty. Under economic depression, businesses face test of competition. In market downturn, the top priority of companies is how to increase production efficiency and reduce costs while meeting requests of product quality and due dates from customers in order to improve competitiveness. Implementing Total Productive Maintenance (TPM) activities helps in enhancing equipment reliability, reducing production costs, improving overall equipment effectiveness and competitiveness.

The study uses cutting, a traditional manufacturing industry, as a case and collects data of improvement activities on production equipment by applying TPM. Through the conducted analysis, it is verified that benefits are effectively obtained and equipment production efficiency is improved.

Keyword: Iron and Steel 、 Steel Coil Center 、 Total Productive Maintenance 、 Improve Production Efficiency