

## **REDUCING SETUP TIME THROUGH SINGLE MINUTE EXCHANGE OF DIES: A CASE STUDY**

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### **Abstract**

It is normally possible to greatly reduce the set-up times. Fantastic results are possible through better teamwork, good order, planning and simple modifications. In modern times of rapidly increasing diversity and smaller batch sizes, setup reduction is of crucial importance for the profitability of many companies. The identification of waste activities was recorded by video recording of change procedure. The paper deals a study of setup time reduction in a gear industry on turning machine. The analysis has been done by using the single minute exchange of dies (SMED). The emphasis is also given on employee awareness and regular training of lean tools. The SMED system has a proven track record in many types of industries. Each type of industries can apply the SMED system to reduce their setup times. Single Minute Exchange of Dies (SMED) is the approach to reduce output and quality losses due to changeovers.

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