

Lead Time Reduction of Rotor by using Lean Tool

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ABSTRACT

Since few decades, manufacturing industries are trying to improve customer service by reducing wastes, reducing lead time, improving quality and improving productivity using lean tools. With its strategic importance Lead time reduction has become an important element of campaign to increase the competitiveness of manufacturing industry. Companies seek to reduce manufacturing lead time in order to reduce the cost of the production. Shorted lead time are a major source of potential competitive advantage and also can help achieve internal supply chain optimization and better sustainability. In today's high-pressure market slashing lead time is the fastest and most powerful approach to profitability improvement, especially for companies who have already realized most of their core manufacturing efficiency improvement opportunities. Lead time reductions will directly impact almost every contributor to costs within the company's operations. This research focuses on improving the productivity through lead time reduction in a rotor manufacturing. In Elcen machine pvt. Ltd. it is observed that the manufacturing of 7.5HP rotor takes more time than other variety of rotor. It directly affects the overall production.