

## Abstract Details

**Title:** Review on productivity improvement in casting industry

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**Abstract:** The purpose of this study is how we can enhance the productivity for small and medium scale casting industry. This study is focus on casting processes in various casting industries. It is required that a industry should have defect free operations to lower the manufacturing cost and higher the productivity with high quality to survive in present cut-throat competitive environment of market. During the casting there are a number of casting defects occurs due to material nature ,sand properties and manual operations. In an organization productivity, profitability, quality can be directly affected by casting defects .As we know casting process is a state of art with experienced people, but these experience needs to be transformed in engineering knowledge for the better growth of the casting industries. In this study we discuss the various defects of casting and suggest remedies for the defects in a day to day activity.

**Keywords** Productivity, Casting, Casting Defects, Process Mapping, Quality tools