

SIGNIFICANT TEST ON INVOLVED VARIABLE IN MASS MANUFACTURING SYSTEM

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Abstract

In mass manufacturing system, there are many parameters which affect the quality of the product. To keep up the quality, it is very important to control these parameters. Among these parameters, the shift of operator and material origin plays an important role for the quality. The significance test is done on these parameters, to study the effect on quality, by taking the rejection percentage of the product. The significance test is done by using the completely randomized principal, in which the F test is carried out at 95% level with the help of analysis of variance table.

Keywords : Significance test, Involved variable, F-test and Mass manufacturing system.