

INFLUENCE OF SPINNING PARAMETERS
ON
YARN QUALITY

A dissertation submitted in part fulfilment of the requirements
for the Post Graduate Diploma in Textile Technology.



by

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ABSTRACT

Spinning, Weaving and Processing defects individually or collectively cause faults in fabric. Yarn unevenness caused in the process of spinning may be due to either long or short term variations.

In this project; types of short term variations that could occur in ring spinning, their causes, methods of overcoming these defects and measurement of such defects have been discussed.

Due to practical difficulties in, doing changes in the process line this exercise was limited to the analysis of the effect of only certain spinning parameters on yarn quality.



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The results of this project have indicated that the normal pressure of 10kgs on front roller and 3.5mm distance clips produce the best results for 30S warp yarn.



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