

2.9 30334 PRINCIPLES OF TEXTILE TESTING

UNIT-1

- 1.1 To know the relationship of moisture with textiles and related terms & definitions.
- 1.2 To understand the principle and the methods of determining the moisture in the atmosphere and the textile materials.

UNIT-2

- 2.1 To know the properties and their importance of fibre which is the raw material for all the textiles goods.
- 2.2 To understand the principles and the methods of testing the fibres to determine their basic characteristics.

UNIT-3

- 3.1 To know the properties and their importance the yarn.
- 3.2 To understand the principles and the method of testing the yarn to determine the properties.

UNIT-4

- 4.1 To know the quality characteristics of the fabric required for different and uses.
- 4.2 To study the principles and the methods of testing the fabric to determine their quality characteristics.

UNIT-5

- 5.1 To study the statistical methods involved in controlling the quality of the textile products during their manufacture.
- 5.2 To learn about the application of the statistical methods to suit textile processes.

Reference Books:

1. Textile testing by P.Angappan & R.Gopala Krishnan ssm.itt.co-op stores
2. Principles of textile testing by J.E. Booth by Butterworth scientific, London

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