(PREVIEW)

Indian Standard
METHODS FOR STATISTICAL QUALITY CONTROL DURING PRODUCTION

PART 1 CONTROL CHARTS FOR VARIABLES

1 SCOPE

1.1 This standard (Part 1) outlines the method of control chart by variables for controlling the quality during production. The principles of procedure pertaining to control charts for individual observations, averages, medians, mid-ranges, ranges and standard deviations are given in general terms.

1.2 The standard also lays down the procedures for the construction of modified control charts which can be usefully adopted when the manufacture is undertaken to predetermined specifications.

1.3 The principles of control charts have been illustrated with a variety of examples. Certain broad guidelines as to the interpretation of the data resulting from control charts are also included.

2 REFERENCES

The following standards contain provisions, which through reference in this text constitute provision of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

IS No.	Title
7920	Statistical vocabulary and symbols:
(Part 1) : 1994	Probability and general statistical terms (*second revision*)
(Part 2) : 1994	Statistical quality control (*second revision*)
9300 (Part 2) : 1989	Statistical models for industrial applications: Part 2 Continuous models (*first revision*)
10645 : 1998	Method for estimation of process capability (*first revision*)
5420	Guide on precision of test methods:
(Part 1) : 1969	Principles and applications
(Part 2) : 1973	Inter laboratory testing