GLOSSARY
OF
SYMBOLS
i ----------- Clearing Interval.

f ----------- Random Fraction, or Sampling Frequency

\( P_A \) or \( P(A) \) ----------- Probability of lot Acceptance.

\( \mu \) ----------- Mean.

\( \delta \) ----------- Standard Deviation.

\( n \) ----------- Sample Size.

\( k \) (or) \( K \) ----------- Reference Value.

\( m \) ----------- Number of Stages / phases.

\( L(0) \) ----------- Average Run Length in Acceptance zone.

\( L'(0) \) ----------- Average Run Length in Rejection zone.

\( h \) ----------- Size of Acceptance zone.

\( h' \) ----------- Size of Rejection zone.

\( g \) ----------- Ratio between fraction sampled on Normal chart and fraction sampled on Return chart.

\( \lambda \) ----------- Parameters of Negative Exponential distribution.

\( \lambda_1 \) and \( \lambda_2 \) ----------- Parameters of Hyper-Exponential distribution.

\( f(\cdot) \) ----------- Probability Density Function.

\( X \) (or) \( Y \) ----------- Random Variable.

\( M(t) \) ----------- Moment Generating function.
f(x) (or) F(x)  ------------ Distribution Function.
B  ------------ Truncation Point.
a_0, a_2, ..., a_n  ------------ Weight factors.
t_0, t_1, ..., t_n  ------------ Abscissae.
{ }  ------------ CASP-CUSUM schemes.
β  ------------ Shape parameter.
η  ------------ Scale parameter (or) Characteristic life.
γ  ------------ Location Parameter.
Γ(x)  ------------ gamma Function.