



GREEN BELT TRAINING


X BAR R CHART

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Ministry of Micro, Small and Medium Enterprises,
Government of India
MSME
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MEASURE PHASE OVERVIEW


STEP 4

Finalize Project Y, Performance Standards for Y.


STEP 5

Validate Measurement System for Y


STEP 6

Measure Current Performance and Gap

Operational definition

1

MSA

2

MEASURE PHASE DELIVERABLES

Baseline Performance

4

Data Collection Plan

3

Performance Standards for Y

CTQ Performance Characteristics						
CTQ Measure	Data Type	Unit of Measure	OPERATIONAL DEFINITION	LSL	USL	Target

Data Type Continuous / Discrete

Unit of Measure e.g. degree centigrade, kg, liter, seconds etc.

Operational Definition A clear, concise detailed definition of a measure. Operational definitions should be very precise and be written to avoid possible variation in interpretation.

USL Upper Specification Limit

LSL Lower Specification Limit

Two types of variation

COMMON CAUSE


STABLE

A process that is operating with only chance causes of variation is said to be in statistical control.

SPECIAL CAUSE

UNSTABLE

A process that is operating in the presence of assignable causes is said to be an out-of-control process.


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