



STANDARD OPERATING PROCEDURE

Department: Quality Control	SOP No.:
Title: Operation and Calibration of Bursting Strength Tester	Effective Date:
Supersedes: Nil	Review Date:
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1.0 OBJECTIVE:

To lay down a procedure for Operation and Calibration of Bursting strength tester.

2.0 SCOPE:

This SOP is applicable for Operation and calibration of Bursting strength tester in the Quality Control Department.

3.0 RESPONSIBILITY:

Officer, Executive – Quality Control Department

Head – Quality Control Department

4.0 DEFINITION(S):

NA

5.0 PROCEDURE:

Make: J.M engineering & Instruments , Model: Jmei

5.1 Operation:

Pre start up:

5.1.1 Ensure that instrument is clean and free from dust.

5.1.2 Ensure that the diaphragm is not damaged.

Start up:

5.1.3 Switch on the instrument.

5.1.4 Adjust the handle of pressure valve opposite to the pressure gauge to which reading to be taken.

5.1.5 Adjust the maximum reading pointer at zero position with the help of knob provided on pressure gauge.

5.1.6 Place the piece of corrugated box between the jaws of Bursting strength tester and fix with the help of rotary wheel.

5.1.7 Press “TEST” button of instrument till the corrugated box is burst and pressure gauge pointer



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remains steady.

5.1.8 Note down the reading shown by the maximum reading pointer.

5.1.9 Switch off the instrument after completion of test.

5.2 Calibration:

Calibration of Vacuum gauge and digital temperature indicator is done by Engineering Department or External Party.

Frequency: Six Monthly.

5.3. Cleaning:

5.3.1 Clean the Instrument properly with cotton cloth.

5.4 Precaution:

5.4.1 Instrument should be placed on stable and leveled support

5.4.2 Clean the pan properly before and after use.

6.0 ABBREVIATION (S):

QCD – Quality Control Department

SOP – Standard Operating Procedure

NA – Not Applicable

7.0 REFERENCE(S):

NA

8.0 ANNEXURE(S):

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9.0 REVISION CARD:

