STANDARD OPERATING PROCEDURE	
Department: Quality Control	**SOP No.:**
Title: Operation & Calibration of Tablet Hardness Tester	**Effective Date:**
Supersedes: Nil	**Review Date:**
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1.0   OBJECTIVE:

To lay down the procedure for the operation & calibration of Tablet Hardness tester.

2.0   SCOPE:

This SOP is applicable to the tablet hardness testers in Quality Control Department.

3.0   RESPONSIBILITY:

Officer, Executive – Quality Control Department.

Head – Quality Control Department.

4.0   DEFINITION(S):

NA

5.0   PROCEDURE:

5.1   Operation:

Make: Monsanto , Model: Tab

5.1.1   Check and ensure the hardness tester is clean & free from dust.

5.1.2   Hold the tablet between the fixed and moving jaw in edgewise position.

5.1.3   Turn the screw knob in clockwise direction slowly until the tablet breaks.

5.1.4   Note down the reading on the scale.

5.1.5   Record the result of hardness in the kilogram per square centimeter.

5.1.6   Release the screw knob in anti clockwise direction.

5.1.7   Ensure that holding jaw is free of tablet powder before placing the tablet for testing.

5.2   Calibration:

5.2.1   Calibration of tablet hardness tester is done by External Approved Laboratory.

5.2.2   Calibration Frequency: Once in one year.

5.2.3   If instrument is out of calibration, affix "UNDER MAINTENANCE" label and call

	PHARMA DEVILS	
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for service engineer.

5.2.4 Note calibration activity in the Instrument log book.

5.3 Cleaning:

5.3.1 Clean the hardness tester by wiping with a clean dry cloth followed by wiping with a clean cloth soaked with potable water and wipe it dry with a clean dry cloth.

6.0 ABBREVIATION(S):

QCD – Quality Control Department

SOP – Standard Operating Procedure

NA – Not Applicable

7.0 REFERENCE(S):

NA

8.0 ANNEXURE(S):

NA

9.0 REVISION CARD:

S.No.	REVISION No.	REVISION DATE	DETAILS OF REVISION	REASON (S) FOR REVISION