

Standard Operating Procedure Biohazard Class II Cabinet Vibration Test	SOP No. 8.053
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- 1 Purpose
 - 1.1 To establish a standard procedure to determine the amount of vibration in an operating Class II Biohazard Cabinet.
- 2 Scope
 - 2.1 This procedure applies to Class II Biohazard Cabinets.
- 3 Reference
 - 3.1 NSF Standard 49, 2002.
- 4 Definition
 - 4.1 in rms: inches root mean square
- 5 Responsibility
 - 5.1 Test and Balance (TAB) technicians shall record all test measurements on Form FN 8.057.3 (Biohazard Safety Cabinet Test Report Details II) in the Vibration Test section and indicate test result, Pass or Fail, on Form FN 8.057.1 (Biohazard Safety Cabinet Test Report Summary Sheet).
 - 5.2 All test reports shall be saved in files, located in the TAB department of Therma.
 - 5.3 All test equipment utilized shall be in calibration in accordance with National Environmental Balancing Bureau (NEBB) Standards and traceable to the National Institute of Standards and Technology (NIST).
- 6 Materials Requirement
 - 6.1 Double-Faced Adhesive Tape

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7 Test Equipment

7.1 A vibration analyzer that meets the criteria in NSF 49, Annex F, Section F.10, Subsection F.10.2.

7.2 Vibration Calibration Device

8 Procedures

8.1 Refer to NSF 49, Annex F, Section F.10, Subsection F.10.3 for test procedure.

8.2 Refer to NSF 49, Annex F, Section F.10, Subsection F.10.4 for standards of acceptance.

8.3 Refer to vibration analyzer manufacturer's instruction for correct operation of the instrument.

8.4 Record measurements on the Form FN 8.057.3 (Biological Safety Cabinet Test Report Detail II) in the Vibration Test section.

8.5 Indicate Pass or Fail for vibration test on Form FN 8.057.1 (Biohazard Safety Cabinet Test Report Summary Sheet).

9 Review and Approval

9.1 TAB technicians shall return the Form FN 8.057.1 (Biohazard Safety Cabinet Test Report Summary Sheet) and the Form FN 8.057.3 (Biological Safety Cabinet Test Report Detail II) to the TAB Department for review.

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Document Approval


 Test & Balance Supervisor

10/01/03
 Date


 Engineering Manager

10/01/03
 Date


 Quality Assurance Manager

11-15-03
 Date

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