

Recommended Test Sieve Re-Certification Schedule

Working sieves that are used regularly will eventually suffer “wear and tear” which may produce inaccurate test results. It is recommended that test sieves, as well as other precision laboratory instruments, be periodically re-certificated to verify continued compliance to the American Standards Testing Materials (ASTM) E11 standard.

The frequency for test sieve re-certification greatly depends upon the media properties (test sample), frequency of use, the handling, care and sieve cleaning procedures, and your internal quality system requirements. Generally defined, test sieves containing woven wire cloth #100 or finer require more frequent certification due to the fragile composition.

ASTM E11 Test Sieve Re-Certification is available in two grades:

- **Inspection Grade Certification** reports contain data that has a percentage of openings measured based on the ASTM E11 standards table providing a confidence level of 99.0% that each sieve is within the specification.
- **Calibration Grade Certification** is for customers that require the highest confidence level available. The standard specifies Calibration Certification reports must contain data of at least twice as many measured apertures than Inspection Grade thereby increasing the confidence level to 99.73%.

The table below offers a **basic guideline** for sieve re-certification.

US Standard Sieve Designation No.	Number of Uses		Months in Use
5" to ¼"	80	or	36
#3.5 to #12	70		30
#14 to #40	60		24
#45 to #140	50		18
#170 to #325	35		12
#400 to #635	20		6

Contact your VWR® Sales Representative for details on Test Sieve Re-Certification Services. Please specify ASTM E11 Inspection Grade or Calibration Grade Sieve Re-Certification.