ATM Sieve rules of use

1. **Sample size** should be limited for the initial test to a Maximum of 2C.C. Experience may necessitate the use of a greater volume, depending on the material. Never exceed 2 grams by weight or 4 C.C. by volume, Whichever one is prevalent
2. **Set sift amplitude at zero** to begin test, and gradually increase until material rises to a maximum height of ¼”. However efficient the best separation will occur at or below this limit.
3. **Never touch the sieve mesh** with your fingers, because acids in perspiration will permanently stain and/or attack the mesh material
4. **Use a single precision sieve** in the stack when performing precision separations in the sub-sieve particle size range. (30 Microns and smaller)
5. **Clean the sieves** with a small ultrasonic cleaner 150 watts or less. A warm solution of water and mild detergent should be used in the ultrasonic cleaner. For some materials Freon TF can be used. The temperature of this solution can be maintained between 70°F and 85°F. To avoid undue strain on the mesh material when inserting them in the ultrasonic cleaner the precision sieve should be placed in the bath of the ultrasonic cleaner edgewise. NEVER USE FORCED AIR TO BLOW MATERIALFROM THE SEIVES. Please note that Thermal exposure of precision sieves should not exceed120°F. avoid direct exposure to radiant energy.