

Sterilization Assurance: Spore Testing for Reliable Autoclave Operation



Spore test should be performed monthly to verify the sterilization performance of the autoclave

Place *Bacillus stearothermophilus* ampoule
in the center of a normal load



Process the load under normal operation procedures

Incubate the ampoule and interpret the result

If change of color

If no change of color

Test Fail

Test Pass

Repeat the validation

Test Fail Again

Stop using the autoclave
until it has been repaired and
passes retesting

Record the test result on
the **Autoclave QC Log Sheet**
and submit to HSEO at the
end of each calendar year



[https://hseo.hkust.edu.hk/system/files/documents/
autoclave.pdf](https://hseo.hkust.edu.hk/system/files/documents/autoclave.pdf)

