

Quarterly Test Sheet B - Small Steam Sterilizer with Type-B or S Cycles (SHTM 01-05)

To be filled in along with Quarterly Test Sheet A (FAC414-051.03) to complete a Quarterly Test. Tests to be carried out in accordance with Scottish Health Technical Memorandum (SHTM) 01-05 Part B.

Table 1 - Record details

Hospital/ Location		Week beginning		Week number	
Department		Ref number		Serial number	

Manual Leak Rate Test Empty Chamber

Test carried out after connection of temperature and pressure sensors.

Table 2 - Manual leak rate test empty chamber

Cycle number:				
	Time	Indicated pressure (mbar/kPa)	Measured pressure (mbar/kPa)	Outcome
Pressure when pump stopped				
Pressure after 5 minutes (P1)				
Pressure after further 10 minutes (P2)				
Leak rate per minute (P2-P1)/10				
Leak rate <1.3 mbar (<0.13 kPa)/min	N/A	Yes/ No	Yes/ No	Pass/ Fail

Verification of Calibration of Sterilizer Instruments/ Small Load Test

Table 3 - Verification of sterilizer instruments/ small load test

Description of load:							
Verification of calibration of test instrument before tests carried out		Satisfactory/ Unsatisfactory		Cycle number			
Readings to be taken during the sterilizing hold period							
	Indicated values		Recorded values		Measured values		
Time	Chamber pressure (bar/kPa)	Drain/ vent temp (°C)	Chamber pressure (bar/kPa)	Drain/ vent temp (°C)	Chamber pressure (bar/kPa)	Drain/ vent temp (°C)	Load temp (°C)
Start							
+1 minute							
+2 minutes							
+3 minutes							
Maximum temp above pack (°C)				Maximum temp above pack after 1 minute (°C)			
Calibration of instruments within limits?		Yes/ No		If not, then note inaccuracies below, and action.			
Outstanding inaccuracies:							
If any calibration has been changed during this quarterly test, note below with initial error							
Equilibrium time less than 15 seconds?		Yes/ No		Sheets/ towels sensibly dry after cycle?		Yes/ No	
Drying stage more than 3 minutes?		Yes/ No					
Comments							
Verification of calibration of test instrument after tests carried out						Satisfactory/ Unsatisfactory	
Result of test						Satisfactory/ Unsatisfactory	

Vacuum Leak Test Empty Chamber

Test carried out after removal of temperature and pressure sensors.

Table 4 - Vacuum leak test empty chamber

Cycle number:			
	Time (min:sec)	Pressure (mbar/kPa)	Outcome
Pressure when pump stopped			
Pressure after 5 minutes (P1)			
Pressure after further 10 minutes (P2)			
Leak rate per minute (P2-P1)/10			
Leak rate <1.3 mbar (<0.13 kPa)/min	N/A	Yes/ No	Pass/ Fail

Test Outcome

Table 5 - Table to record test outcome

Test result	Satisfactory / Unsatisfactory	Sterilizer fit for use?	Fit/ Unfit
CP (D)		User	
Date		Date	