

Annual Test Sheet - Small Steam Sterilizer with Type-N Cycles (SHTM 01-05)

Tests to be carried out in accordance with Scottish Health Technical Memorandum (SHTM) 01-05 Part B.

Table 1 - Record detail

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

Safety Checks

Table 2 - Table to record annual safety checks. Tick if satisfactory

Door seal		Door safety edge		Door closed interlock		Chamber safety valve	
Chamber/ shelves		Door pressure interlock		Power fail			

Water Checks

Table 3 - Table to record annual water safety checks

Conductivity at start of tests	μS/cm	Conductivity <35μS/cm	Yes / No
Water changes recorded	Yes / No	Frequency of water	
Comments on cleanliness of sterilizer			

Automatic Control Test

Table 4 - Table to record results of automatic control test

Test load		Cycle number	
Calibration	Satisfactory/ Unsatisfactory	Sterilizing conditions met?	Yes/ No

Verification of Calibration of Sterilizer Instruments/ Small Load Test

Table 5 - Table to record small load test results

Start t1=0	Cycle number:		Load should be a pair of forceps.				
Sterilizing achieved	Sterilizing ends		Drying/venting ends		Cycle complete		
(t2) :	(t3) :	(t4) :	(t5) :				
Readings to be taken during the sterilizing hold period				Hold time (t3-t2)			
Time	Indicated values		Recorded values		Measured values		
	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 (t2)							
(t2)+ 1 min							
(t2)+ 2 min							
(t2)+ 3 min							
Calibration of instruments within		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							
Comments							

Verification of calibration of test instrument after tests carried out	Satisfactory/ Unsatisfactory
Result of test	Satisfactory/ Unsatisfactory

Full Load Test

Table 6 - Table to record Full Load Test results

Start t1=0	Cycle number:		Load should be the maximum design load				
Sterilizing achieved	Sterilizing ends			Drying/ venting ends		Cycle complete	
(t2)	:	(t3)	:	(t4)	:	(t5)	:
Readings to be taken during the sterilizing hold period					Hold time (t3-t2)		
Time	Indicated values		Recorded values		Measured values		
	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 (t2)							
(t2)+1 min							
(t2)+2 min							
(t2)+3 min							
Calibration of instruments within limits?			Yes/ No		Test result		Satisfactory/ Unsatisfactory

Chamber Overheat Cut Out Test

Table 7 - Table to record Chamber Overhead Cut Out Test results

Cycle number		Time after start of cycle cut out operates	
Chamber wall maximum temperature (°C)		Result of test	Satisfactory/ Unsatisfactory

Test Outcome

Table 8 - Table to record test outcome

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