

Issue Date:

## ***Title: SOP FOR VALIDATION OF THE AUTOCLAVE STERILIZER***

### **OBJECTIVES:**

To lay down a procedure for the validation of the steam sterilizer (Autoclave).

### **SCOPE:**

This procedure is applicable to the validation of steam sterilizer to know the efficiency of Autoclave.

### **RESPONSIBILITY:**


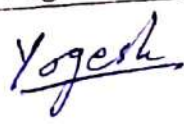
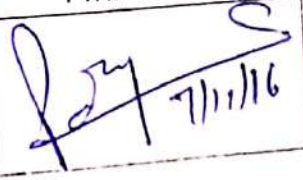
Assistant Supervisor, Sterilisation Technician, CSSD Attendants.

### **DETAILS OF AUTOCLAVE STERILIZERS:**

Sr. No.	Size of Sterilizer	Make	Nos.
1.	Sterilizer (2'*2'*4')	YARCO	2
2.	Sterilizer (2'*2'*4')	NAT STEEL	4
3.	Sterilizer (3'*2'*5')	ARKO	1

### **PROCEDURE:**

1. There are seven autoclave in CSSD so arrange seven culture tubes which contain *Bacillus Sterothermophilus* with cotton plug of all tubes from microbiology deptt. of PGIMS Rohtak.
2. Then put one tube in each of one Autoclave.
3. The steam sterilization process involving heating in an autoclave with saturated steam under pressure should be used .
4. After sterilization the tubes are send to Microbiology Department for incubations and results.

	Prepared By	Checked & Approved by	Authorized By
Designation	St. technician	Asstt. Supervisor	Officer In charge
Name	Anil Kumar	Yogesh Kumar	P.K. Verma
Sign/ Date			 7/11/16

Issue Date:

Review Before:



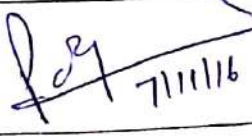
## ***Title: SOP FOR VALIDATION OF THE AUTOCLAVE STERILIZER***

5. The following combination of temperature and time are normally employed.

S. No.	Holding Temperature (°C)	Minimum Holding Time (minutes)
1.	121 to 124	18-20
2.	126 to 129	8-10
3.	134 to 138	3-5

6. Maintenance:

If the instrument does not produce required calibration results, its pressure or temperature response is poor then it should be labelled as FAULTY or UNDER MAINTENANCE and should be repaired or serviced.

	Prepared By	Checked & Approved by	Authorized By
Designation	St. technician	Asstt. Supervisor	Officer In charge
Name	Anil Kumar	Yogesh Kumar	P.K. Verma
Sign/ Date			 7/11/16