

# Chemical and physical sterilizer monitoring

This process must be done for each load.

## Temperature Sensitive Indicator (TSI)

TSI (colour change tape or packaging) must be used on every package being sterilized

Was colour change observed?

Yes

Continue use of sterilizer.

No

If there is inadequate or no colour change, immediately **retest** sterilizer using **new** TSI and **new** packaging.

Was colour change observed?

Yes

Continue use of sterilizer. Ensure equipment is loaded properly, do not overload. Replace supply of TSI if needed.

No

Immediately **stop use** of sterilizer and instruments. **Conduct a spore test.**

## Records and logs

Record the manufacturer's sterilizer requirements on the log sheet.

**Monitor each load and record:**

- **Temperature** during the sterilization cycle
- **Pressure** during the sterilization cycle
- **Duration** of the sterilization cycle
- **Date and person** operating the sterilizer

Note: If using an autoclave it is recommended that it provides a print-out of the above parameters reached during each cycle. The print-out must be signed and dated by the operator and stored in the log book.

Have the manufacturer's sterilization requirements been met?

Yes

Continue use of sterilizer.

No

Immediately **stop use** of the sterilizer and instruments. **Conduct spore test** with the sterilizer.

Adapted from Durham Region Health Department.

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For more information visit [peelregion.ca](http://peelregion.ca) or call Peel Public Health 905-799-7700, Caledon residents call 905-584-2216, and ask to speak with a Public Health Inspector.

