

## What is mapping ?

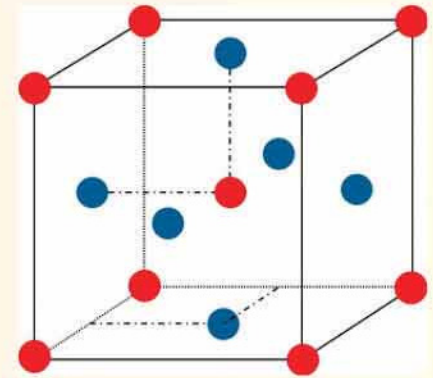
Thermal mapping is a process to detect and record temperatures at various points in the oven/furnace.

## NEED FOR MAPPING

- ◆ To detect hot/cold spots or zones inside the oven.
- ◆ Analysis of  $\Delta T$  to enhance the product quality .

## Mapping Procedure -

1. Place the sensors as per the standard protocol.
2. Connect them to data logger.
3. Set the scan and logging time interval.
4. Start the cycle.
5. The datalogger records the temperatures against time.
6. On cycle end, download the readings from datalogger to computer.
7. Report generation and  $\Delta T$  analysis.



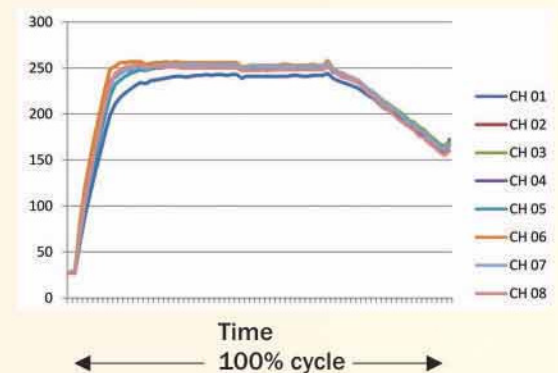
Mapping Point

## Application areas -

1. Batch type ovens and furnaces.
2. Conveyor/Continuous roller type ovens and furnaces.
3. Cold rooms and storages and warehouses.

## Equipment used for mapping are NABL approved -

1. Temperature sensors
2. Datalogger



## Services provided by Heatcon Systems -

1. Onsite mapping and validation
2. Feasibility analysis and consultancy
3. Reconditioning of ovens and furnaces

## Heatcon Systems :

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