



BOX FURNACE



HIGH TEMPERATURE TUBULAR FURNACE



TUBULAR FURNACE



JOMINY END QUENCH TESTING SETUP



OVEN



MICROWAVE FURNACE



SALT BATH SYSTEM



JOMINY END QUENCH TESTING

## Heat Treatment Facility

Most metallurgical processes require various kinds of heat treatment for better properties. The following heat treatment facilities are currently present in the department.

<b>S.no</b>	<b>Name of equipment</b>	<b>Specifications</b>	<b>Make and model</b>
1	oven	Max Temperature 200 °C	Electroheat,Naskar and company
2	High temperature tabular furnace	Max Temperature 1000 °C	VB Ceramic Consultants
3	Salt Bath system	Max temperature 1000°C	VB Ceramic Consultants
4	Box furnace	Max temperature 1000 °C	VB Ceramic Consultants
5	High temperature furnace	Max temperature 1200 °C	VB Ceramic Consultants
6	Jominy and Quench furnace	Max temperature 1000°C	VB Ceramic Consultants
7	Jominy quench testing	-	VB ceramic consultants
8	Microwave furnace	-	Nano Tec