

# ***HEAT TREATMENT LABORATORY***

The heat treatment laboratory is a well equipped laboratory. It provides furnaces to conduct experiments on the heat treatments of materials and to study phase transformations in solids. The laboratory support graduate students in their research work and provide solution to various problems in metals industry. The laboratory is equipped with

- 1- Carbolite -1300 front loading furnace
- 2- Carbolite-1200 Top loading furnace
- 3- Tube Furnace
- 4- Controlled atmosphere furnace
- 5- Muffle Furnaces
- 6- A high vacuum sintering furnace

for experiments and research work.



Carbilite heat treatment furnaces and a high vacuum sintering furnace