

## LIST OF FACILITIES AT OUR HEAT TREATMENT SHOP (Ahmedabad)

<i>SR. NO</i>	<i>NAME OF EQUIPMENT</i>	<i>USEFUL DIMENSION IN MM</i>	<i>MAX.WORKING TEMP.</i>	<i>SUITABLE FOR</i>
01.	Electric Box Furnace	Height : 450 Width : 450 Length : 1350	950°C	Stress Reliving Normalising Annealing Packcarburising Pack Hadening
02.	Electric Forced Air Circulation Furnace	Height : 560 Width : 560 Length : 1400	650°C	Tempering upto 650°C and aluminium heat treating
03.	Oil Fired Salt Bath Furnace with Pre heater	Dia : 525 Depth : 750	1050°C	Netural hardeing Cynading Liquid Carburising Partial Hardening

### UNIT II

04.	Electric Box Furnace	Height : 750 Width : 550 Length : 1500	950°C	Stress Reliving Normalising Annealing Packcarburising Pack Hadening
05.	Electric Forced Air Circulation Furnace	Height : 650 Width : 750 Length : 1900	650°C	Tempering upto 650°C and aluminium heat treating
06.	Oil Fired Salt Bath Furnace with Pre heater	Dia : 450 Depth : 3200	1050°C	Netural hardeing Cynading Liquid Carburising Partial Hardening
07.	Electric Box Furnace	Height : 750 Width : 550 Length : 2000	950°C	Stress Reliving Normalising Annealing Packcarburising Pack Hadening
08.	Electric Box Furnace	Height : 750 Width : 600 Length : 3500	950°C	Stress Reliving Normalising Annealing Packcarburising Pack Hadening upto 950°C
09.	'SAFEX' E.O.T. Crane	3000 Kg. Capacity		2 Nos.

### UNIT III

10.	Electric Bogie Hearth Furnace with computerised control	Height : 1000 Width : 1000 Length : 3000	950°C	Stress Reliving Normalising Annealing Pack carburising
11.	<b>Pit Type Gas Nitriding Furnace</b>	Dia 650 X 3000 mm Depth	750°C	<b>Gas Nitriding, Nitro-Carburising,</b>
12.	'SAFEX' E.O.T. Crane	3000 Kg. Capacity		
13.	<b>Pit Type Gas Carburising Furnace</b>	Dia 650 X 1500 mm Depth	950° C	<b>Gas Carburising, Carbonitriding</b>
14.	<b>Pit Type Tempering Furnace</b>	Dia 650 X 2000 mm Depth	750°C	<b>Tempering upto 650°C and aluminium heat treating</b>
15.	<b>Pit Type Gas Nitriding Furnace</b>	Dia.1200 X 3000 mm	750°C	<b>Gas Nitriding, Nitro-Carburising</b>
16.	<b>Vertical Induction Heating Equipment</b>	Dia.250 X 3500 mm	1050°C	<b>Induction Hardening and Tempering</b>