

Central Tool Room , Ludhiana

A. Heat Treatment Charges

Sr. No.	Particulars of Service	Rates		Last Revision Date	Authority
1.	Vacuum Hardening & Tempering of High Speed Steel & high Alloy Steels	Rs. 205/Kg		01.4.2021	General Manager
2.	Vacuum Hardening & Tempering of Hot Die Steels & high Carbon high chromium D2 steels	Rs. 145/Kg			
3.	Plasma Nitriding of alloy steels	Rs. 150/Kg			
4.	Salt bath Hardening & Tempering of High Speed Steel & high Alloy Steels	MSME Units	Others		
		Rs. 175/Kg	Rs. 210/Kg		
5.	Salt bath Hardening & Tempering of Hot Die Steels & high Carbon high chromium D2 steels	Rs. 125/Kg	Rs. 145/Kg		
6.	Salt bath Hardening & Tempering of high Carbon high chromium D3 steels	Rs. 85/Kg	Rs. 100/Kg		
7.	Salt bath Hardening & Tempering of Low alloy Steels	Rs. 70/Kg	Rs. 80/Kg		
8.	Annealing Charges for general purpose steels	Rs. 24/Kg	Rs. 29/Kg		
9.	Annealing Charges for alloy steels	Rs. 31/Kg	Rs. 39/Kg		
10.	Stress Relieving for general purpose steels	Rs. 15/Kg	Rs. 18/Kg		
11.	Stress Relieving for alloy steels	Rs. 23/Kg	Rs. 29/Kg		
12.	Case Hardening Charges for general purpose steels up to 1.5mm case depth	Rs. 49/Kg	Rs. 61/Kg		
13.	Case Hardening Charges for alloy steels up to 1.5mm case depth	Rs. 72/Kg	Rs. 90/Kg		

Imp .Note.

- Charges mentioned above are for material of simple design only. Tools /components of Critical design requiring extra fixturing /straightening/handling care are charged extra as per design intricacy.
- Minimum charges for MSME Units are Rs. 350/= & Rs.450 for others.
- GST Charges are extra as applicable.

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B. Material Testing Charges

Sr. No.	Particulars of Service	Rates		Last Revision Date	Authority
		MSME Units	Others		
1.	Spectroscopic Analysis of Low alloy Ferrous material	Rs40/ per element & minimum Rs 250 per sample	Rs50/ per element & minimum Rs 300 per sample	01.4.2021	General Manager
2.	Spectroscopic Analysis of Non Ferrous material	Rs 500 per sample up to five elements& Rs.50/= per element thereafter	Rs 600 per sample up to five elements& Rs.60/= per element thereafter		
3.	Spectroscopic Analysis of stain less steel & High Speed Steel	Rs 500 per sample up to five elements & Rs.50/= per element thereafter	Rs 600 per sample up to five elements& Rs.60/= per element thereafter		
4.	Portable gun type Spectroscopic Analysis/sorting of Raw material	Minimum Rs 5000/=for onsite testing for local industries for 08 Hours	Minimum Rs 6000/=for onsite testing for local industries for 08 Hours		
5.	Rock well Hardness Testing	Rs.200/= per sample	Rs.220/= per sample		
6.	Micro Vicker Hardness Testing	Rs.300/= per sample	Rs.360/= per sample		

Imp .Note.

- Sample cutting & preparation charges extra wherever required.
- GST Charges are extra as applicable.

