

A
Report
on

**Industrial Visit to HMT Machine Tools and RSRTC Workshop Ajmer by Diploma Student of
Mechanical Engineering
Bhagwant University Ajmer**

A group 40 Students of Diploma, Mechanical Engineering, Bhagwant University Ajmer visited HMT Machine Tools and RSRTC Workshop Ajmer on 13 Feb 2020. In this visit three Faculty Members Er. Devesh Kumar, Er. Sagar Sharma, Er. Ramvilash kumar and two Lab Technician Mr. V.C. Surana, Mr. Gulam Hussain was preset with students. The main focus of this visit was to learn about the Foundary, Machine Shop and Special Machines assembled in HMT, Ajmer and in RSRTC Workshop Service and Maintenance process of the Rajasthan Roadways Bus in Ajmer.

HMT Machine Tools Ajmer, The Personnel officer, Mr. Kailash Rawat gave a thorough knowledge of manufacturing process of Lift unit of HMT tractors and about its tools. He also provided a brief regarding the assembly line process of HMT products. Not only this, he also pleasantly handled the various queries of students regarding its Suppliers, Quantity demanded of Products from various states, the reason of under utilization of plant capacity and the export procedure followed by the esteemed public unit of Centre Government.

In this visit, the students acquired knowledge about the manufacturing process of Hydraulic lift of tractors, Special purpose machines and management strategies of the concern. This industrial visit has been very knowledgeable and fascinating for the students of Engineering. The students' had gone through a practical experience on following departments Machine Shop, Foundry Shop, Heat Treatment Shop, Assembly Shop, Quality Control.

RSRTC Workshop Makhupura, Ajmer An engineer in charge of RSRTC workshop Mr. Ankit Sharma (J.E.) gave a thorough knowledge of workshop, he took us around from one section to the next and explain the process involved in the maintenance of RSRTC buses. The students learnt about the assembly and reconditions of the automobile. The students' had gone through a practical experience on following departments like an Engine Assembly, Clutch Assembly, Gear Box Assembly, Differential Assembly, Power Steering Assembly, Tyre Assembly, Engine Testing Shop, Body Shop.



Students and Staff at HMT



Students and Staff at RSRTC Workshop