

IGP ENGINEER'S PRIVATE LIMITED, THIRUPORUR

IGP:

From a modest beginning in 1955, the IGP Group today provides over 50 products and services to the core sector. The group's products are well accepted both in the domestic as well as in the international markets. The group's manufacturing facilities are spread over 13 factories. These factories use state of the art manufacturing techniques and are equipped with up to date testing facilities to provide good quality products to our customers. Continuous Improvement programmes and constant interaction between management and people at various levels has created a team of highly motivated professionals.

Session 1:

We reached the industry after 1 hour travel. Industry coordinator's separated the class into 3 batch and refreshments were given. Then the history, process involved and about their products were explained.



Session 2:

After that they explained about the Raw materials arriving to the industry and the working of each machines. Then we saw the moulding section, which is the head section of the industry. In addition to that they taught how the material is manufactured from the moulding section. Then they explained about Marking and Grade of the products.

Session 3:

Moreover we visited all the departments from the industry with a detailed explanation. Then the industry manager reached us and motivated all the students to place in core companies.

After that we had lunch and reached the college.

Thanks note:

It was a great exposure for us to be inside IGP Engineer's Private Limited and to experience the working environment. So we thank all the officials for granting permission and explaining in a understandable way. We also thank our staff coordinators from college for their support.

2ND YEAR MECHANICAL - "A"



INDUSTRIAL VISIT REPORT

Rishaba Industries

About Rishaba:

Rishaba Industries LLP is part of butterfly group, and caters to the export market demand of non-home appliances products. It is the under developing manufacturing company. It has three-unit, unit-1, unit-2 & unit-3 based on the manufacturing of vacuum flasks, plastic utensils, and plastic toys etc. we the students of department of mechanical engineering 2nd year visited the Rishaba industries at Kodur, Chennai.

Session 1:

We have been divided into batches as per the instructions given our college faculties and the manufacturing engineers as well as the workers to explain the method of manufacturing the vacuum flask.

Session 2:

We were taken to the manufacturing work station. There three dot stainless steel were used to manufacture the vacuum flask by using Laser Welding machine. The Entire process was carried out by an automated machine. Once interior and exterior portion were manufactured. It has been inspected for pressure leakage in order to withstand the high temperature.

Session 3:

The manufactured flask was cleaned by using nickel chloride solution by a hanging out in conveyor belt. As per the customer need the flask were allowed to coated either by copper solution or by a paint of definite composition. The flask can be coated by three-way glassy coating, rough or by smooth polishing. After the two layer of coating is done. Then the cap of the flask was manufactured by plastic according to their corresponding sizes. Finally, they labeled the flask as per the need. The Manufactured flask packed and ready for sale.

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2nd Year Mechanical “B”

