

Industry Visit to L&T Valves Ltd.,
5th to 7th June 2013

The group for the visit consisted of thirty seven students and were accompanied by Prof. B K Ramaswamy and Sri Sadanandan. The bus left MPBIM premises at 1100hrs on 5.06.2013 and reached Royal Plaza Hotel at Koyambed Bus stand 0705 hrs on 6th off June 2013. We left the Hotel at 1030 hrs for visit to L & T Valves (AUDCO INDIA LTD). The industrial visit lasted for 3 and half hours finished at 1 .40pm.

Salient features of the visit are as follows:

L&T Valves Limited,

Formerly known as Audco India, is a wholly-owned subsidiary of L&T and one of the largest valve manufacturers in the world. Acquired by L&T in March 2013, the company leverages its world-class capabilities in design, quality assurance and manufacturing to ensure that their products consistently meet customer expectations in terms of quality and reliability. Established in 1962 in India, the company has two independent modern manufacturing units near Chennai, at Manapakkam and Kancheepuram.



Product Range:

1. Gate, Globe & Check Valves
2. Valves for Power
3. Pipeline & Process Ball Valves
4. Triple-offset Butterfly Valves
5. Flanged & Wafer-type Butterfly Valves
6. Control Valves
7. Customised Solutions



L&T Valves has on board experienced valve specialists equipped to translate customer requirements into custom-engineered flow-control solutions. The valve marketing network spans the globe, partnering some of the largest valve distribution companies in the world. In India, L&T Valves has a presence in every industrial centre through a network of offices, stockists, automation centres and service franchisees.

Valves manufactured for the oil & gas industry, covering all phases from production, through refining, to transportation and distribution. The product portfolio is approved by the global majors in oil & gas and the company has strategic alliances and agreements with the major EPC contractors



1. in the hydrocarbon space.

Key products: Gate, Globe & Check Valves, Pipeline Ball Valves, Triple-offset Butterfly Valves.

2. L&T Valves is a leading provider of flow-control solutions to the power sector. For five decades they have been delivering value to the major players in thermal and nuclear power leveraging a world-class product portfolio, unmatched marketing and support network and advanced project management capabilities.



The product portfolio for power is manufactured primarily in its state-of-the-art facility in Coimbatore, India, which is the only Indian valve facility authorised to offer valves with ASME 'N' and 'NPT' stamps.

Key products: Gate, Globe & Check Valves in ASME classes up to 4500, High Performance Butterfly Valves, Large-Size Butterfly Valves for Water Lines, Pipeline Ball Valves.

At L&T Valves, a dedicated team of industry specialists ensure that design, manufacture, customer service and after-market support merge seamlessly to provide you world-class solutions.

Some of the clients of L & T Valves are Tata Power, ABB, Alstom, Austrian Energy & Environment, CMI, Doosan Babcock, Larsen & Toubro, National Thermal Power Corporation, Neyveli Lignite Corporation, Nuclear Power Corporation of India Limited and State electricity boards - Chattisgarh, Gujarat, Maharashtra, Karnataka, Tamil Nadu



Our Visit

We were given initial briefing by Mr Manikantan from HR and Mr Sri Harsha Design Engineer from AUDCO.

MPBIM group was arranged in two teams and went through departments of Quality Control & Quality Assurance, Assembly, Shop floors, Foundry, Manufacturing, Pattern Making, Process tooling, testing departments and Digital simulation,.



The tests conducted on the valves such as Functional frequency tests, seismic tests, functional cyclic and shock tests cold cycle and hot cycle tests were demonstrated to us

After the visit we assembled again for question & answer sessions. The staff at L & T were very cooperative.

We thank staff of L&T Valve for their warm welcome and their initiative in explaining the complete cycle of manufacturing to our students.



Other places visited

The visit to Chennai also took us to Marina beach on 5th of June for about two hrs. We also visited Mahabalipuram, also known as Mamallapuram is a town in Kancheepuram district in the Indian state of Tamil Nadu about 60 km south from the city of Chennai. It is an ancient historic town and was a bustling seaport during the 1st century CE and 140 CE. Ancient Indian traders who went to countries of South East Asia sailed from the seaport of Mahabalipuram. By the 7th Century it was a Port city of South Indian dynasty of the Pallavas.



At Mahabalipuram few students went round to the beach and few went to see the sculptures and carvings on Monolithic stones, which date back to 7th Century CE. The facilities provided were highly satisfactory and enjoyable.

We returned to Bangalore on 7th June at 11.00 PM.

