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Lotte Pakistan PTA Ltd

Formerly Pakistan PTA Limited

CATALYST FOR GROWTH

Technical Training Centre



Lotte Pakistan PTA Ltd

Formerly Pakistan PTA Limited



Lotte

Pakistan PTA Limited

Lotte Pakistan PTA Ltd is a world-class supplier of purified terephthalic acid, an essential raw material used in the polyester industry.

Lotte completed its acquisition of the majority shareholdings in Pakistan PTA Limited (PPTA) in September 2009, making it an official member of the Lotte Group. Subsequently, the name of the Company was changed to Lotte Pakistan PTA Ltd.

Lotte Pakistan PTA Ltd is the single largest foreign direct investment to date (US\$ 490 million) in Pakistan's petrochemical industry. The plant at Port Qasim, Karachi was built using ICI's state-of-the-art technology when it was commissioned in 1998. It produces Purified Terephthalic Acid (PTA), an essential raw material for Pakistan's textile and PET industries and forms the backbone of the polyester chain, including Polyester Staple Fiber, Filament Yarn and PET (bottle grade) resin.

Technical Training Center

The Technical Training Center was inaugurated at our prestigious facility in August 2009, to provide state-of-the-art training for all plant personnel working in various departments of the Lotte PPTA plant.

Our Vision

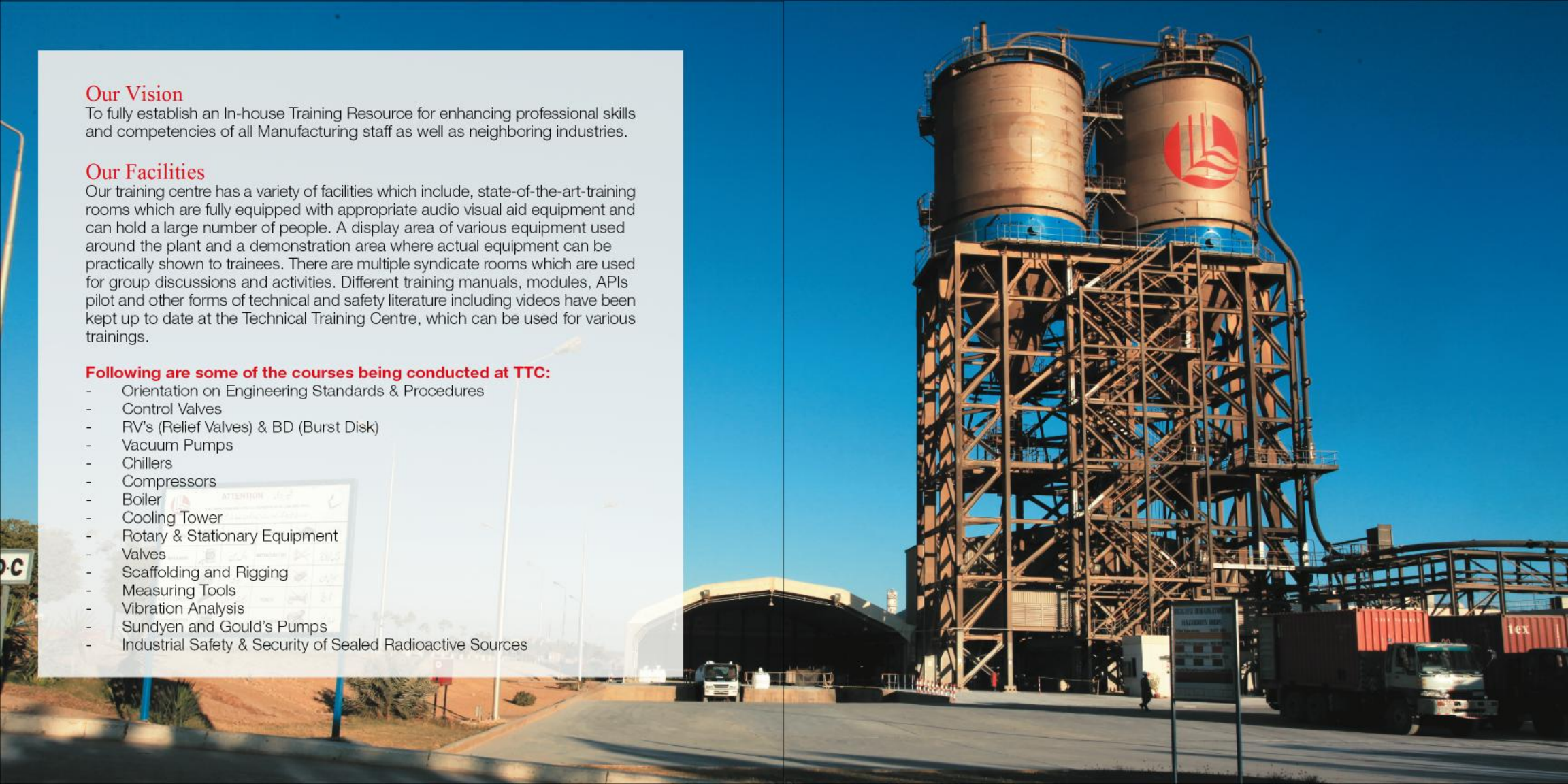
To fully establish an In-house Training Resource for enhancing professional skills and competencies of all Manufacturing staff as well as neighboring industries.

Our Facilities

Our training centre has a variety of facilities which include, state-of-the-art-training rooms which are fully equipped with appropriate audio visual aid equipment and can hold a large number of people. A display area of various equipment used around the plant and a demonstration area where actual equipment can be practically shown to trainees. There are multiple syndicate rooms which are used for group discussions and activities. Different training manuals, modules, APIs pilot and other forms of technical and safety literature including videos have been kept up to date at the Technical Training Centre, which can be used for various trainings.

Following are some of the courses being conducted at TTC:

- Orientation on Engineering Standards & Procedures
- Control Valves
- RV's (Relief Valves) & BD (Burst Disk)
- Vacuum Pumps
- Chillers
- Compressors
- Boiler
- Cooling Tower
- Rotary & Stationary Equipment
- Valves
- Scaffolding and Rigging
- Measuring Tools
- Vibration Analysis
- Sundyen and Gould's Pumps
- Industrial Safety & Security of Sealed Radioactive Sources





Trainee Engineers Training

A six week orientation program has been formulated for fresh graduates joining the company to provide them with an overview of the basic operation of our facility. This training helps our incoming talent to get familiar with the basic processes and procedures followed at the plant. Hands-on training is provided after this six week program on the plant, which enable trainee engineers to develop their skills and knowledge for taking on permanent role in the organization.

Apprentice Training

A ten week orientation program has been devised for apprentices, which provides basic training for the different areas in the plant. Apprentices are also provided with generalized trainings on specific equipment that are also available on a commercial basis for external parties. A few of the training are:

- HSE&S Policies and Standard
- Fire & Toxic Emergencies
- Fire Fighting with Use of Fire Extinguisher
- Material Safety Data Sheet (MSDS)
- Measuring
- Tools
- Mechanics of Fluid
- Elements of Mechanics
- Instrumentation and Controls
- Unit of Conversion
- Symbols and Drawing System
- Trip and Alarm System
- Mechanical Components
- Lubrication and Oil Analysis
- Process Air Compressor
- Pumps
- Fan & Blowers
- Valves
- Motors
- Diesel Engine
- Cooling Towers
- DCS & PLC Systems

DISPLAY AREA





Skill Improvement Training

This training is provided to all plant personnel who require training in their specific fields. Having these formal trainings acts as refresher for employees to polish their skills in various departments or equipment used in the plant. This form of generalized training for specific equipment is also open to employees from other industries to enhance their skills on various machinery used in their industry.

Technical Trainings

- Vibration Analysis
- Alignment Techniques
- Basic Bearing Techniques
- Condition Monitoring
- Oil Analysis
- Control Valves
- Relief System
- Heat Exchanger
- Chillers
- Introduction to Engineering Standards & Procedures
- Orientation of Engineering Application
- Shutdowns and Turnaround Techniques
- Hydro Water Jetting
- PLC System & DCS System

HSE&S Training

Safety is given the highest priority at the Lotte PPTA plant, therefore different forms of HSE&S training is provided to plant personnel for their own safety and the safety of their colleagues.

- HSE Awareness
- HSE Leadership
- HSE Management
- Accident Investigation
- Industrial Safety
- Industrial Radiation Safety
- Defensive Driving and Road Safety
- First Aid & CPR
- Fire and use of Fire Extinguisher
- Hearing Conservation
- Use of Breathing Apparatus
- Safety Assistant
- Safety Supervisor

Customized / Other Training

Organizations in need to train their employees can make use of the various trainings where by faculty and infrastructure can be provided by Lotte Pakistan PTA at the TTC. We also offer a variety of HSE and technical training courses that can be arranged upon request. These training courses can also be customized to specific needs and requirements.

