

Industrial Plants



Engineering

a better tomorrow



TCE Consulting Engineers Limited



▲ Tyre and tube Plant, Modipuram

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TCE Consulting Engineers Limited

Engineering a better tomorrow

TCE Consulting Engineers Limited (TCE), a wholly owned subsidiary of Tata Sons Limited, is a leading engineering consultant with over 3000 prestigious projects to its credit covering diverse realms of industry. With four decades of rich experience, TCE provides competent and comprehensive engineering consultancy solutions with global perspective. TCE's **ISO 9001** certified multi-disciplinary services have earned enormous goodwill from clients in India and overseas.

TCE provides engineering consultancy services to diverse industrial sectors like ■ Metallurgy ■ Automobile ■ Auto-ancillary units ■ Tyres and tubes ■ Cement apart from other one-off projects.

Metallurgy

TCE offers a comprehensive range of consulting engineering services for metallurgical projects. TCE has successfully completed projects for the production of electrolytic tin plates and tin free steel in Jamshedpur; galvanised steel in Srinagar and capacity expansion of steel making and casting plant in Mumbai.



▲ Electrolytic Tinplate Plant, Jamshedpur ▶



▲ Mukand's Steel Plant, Thane



▲ Continuous Galvanising Steel Plant, Khunmoh, Srinagar



Automobile

TCE has offered multi-disciplinary expertise to the Vespa scooter project in Rae Bareilly, Bajaj Auto's scooter project in Aurangabad and several expansions of the Maruti car project in Gurgaon.

TCE's consulting solutions also address several key issues like environment protection with well planned effluent and waste water treatment facilities.



▲ Maruti Udyog Limited, Gurgaon ▶



▲ Vespa Scooter Facility, Rae Bareilly



Auto - ancillary units

The advent of several players coming into the Indian auto market has opened up opportunities for auto-ancillary units. TCE's recent projects in this segment include coil springs plant, wiring harness plant, auto seating plant, carburettor plant and auto mirrors plant.



▲ Tata-Yazaki Wiring Harness Plant, Pune



▲ Tata Chuo Springs Plant, Pune



▲ Keihin-Fie Carburettor Plant, Pune



▲ Tata Johnson Controls Automotive Plant, Pune

Tyres and tubes

TCE has proven expertise in the design, engineering and modernising of tyre and tube manufacturing plants. TCE's association with this sector started with Modi Rubber's tyre and tubes project at Modipuram in Uttar Pradesh, which was completed in record time of two years. Thereafter, TCE was associated with several expansions of the Modipuram plant and Modi Rubber's new facility at Modinagar.

TCE has also executed projects for Bombay Tyres International and Vikrant Tyres.



▲ Banbury Mixer at Modi Rubber Plant, Modipuram

Cement

Projects in the cement sector executed by TCE include the civil and structural design for Tata Steel's 1.73 MTPA cement plant at Sonadih in Madhya Pradesh and ACC's 1.0 MTPA cement plant at Kymore and construction supervision services for ACC's 2 MTPA plant at Wadi in Karnataka.



▲ Cement Plant, ACC, Wadi



▲ Gujarat Guardian's Float Glass Plant, Kondh



▲ Owens Corning's Fibre Glass Plant, Talaja



▲ Cement Plant, TISCO, Sonadih

Other Industrial Plants . . .

- Gujarat Guardian Limited's float glass manufacturing facility at Kondh in Gujarat, a joint venture by Guardian Industries Corporation, USA with Modi Rubber and Gujarat Alkalies & Chemicals Limited, was engineered by TCE.
- TCE provided complete engineering consultancy services for the Owens Corning India Limited's fibre glass plant at Talaja in Maharashtra. This project was co-promoted by world leader in fibre glass - Owens Corning, USA and Mahindra & Mahindra Limited.

... other Industrial Plants

- TCE provided basic and detailed design engineering and procurement assistance for Dabur India Limited's factory expansion project at Baddi in Himachal Pradesh.
- Samtel Colour Limited, a leading manufacturer of colour television picture tubes, expanded their existing production facility at Ghaziabad from 80,000 to 2,30,000 pieces per annum. TCE were entrusted with the detailed design engineering, procurement assistance, inspection and expediting and supervision of construction of the expansion project.
- For Essel Packaging Limited's collapsible tube project in Maharashtra, TCE provided basic engineering, detailed design, procurement assistance and construction supervision. These multi-laminated collapsible tubes are used for packing tooth pastes, cosmetics, food products and pharmaceutical pastes.
- Engineering services were provided by TCE to Matsushita Washing Machine India Limited for their washing machine plant set up near Pune. The plant has a capacity to produce 1,00,000 washing machines per annum.



▲ Dabur India Limited, Baddi



▲ Textiles Project, Tanzania



▲ Gramophone Records Unit, Aurangabad

▼ Matsushita Washing Machine Plant, Pune





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