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L&T builds one of the world's largest FCC Regenerators & Combustors

Surat, May 22, 2007: Larsen and Toubro Limited's (L&T) Heavy Engineering Division - Hazira Works, has successfully built one of the world's largest FCC Regenerators & Combustors for Reliance Petroleum Limited's (RPL) export oriented refinery coming up at Jamnagar, Gujarat.

The equipment is considered to be the heart of the RPL's refinery, which is billed as the fifth largest in the world. L&T had previously built a similar FCC regenerator and combustor for Reliance Industries Limited's (RIL) refinery in Jamnagar in the year 1998.

With the completion of the current project, L&T has successfully constructed the most critical components of Reliance's Jamnagar Complex, which is the world's single largest refinery complex in the world. The project is a testimony to L&T's ability and the faith reposed in it by RIL.

The project, completed 6 weeks ahead of schedule, is a repeat order placed on L&T by Reliance for the Jamnagar Export Refinery Project (JERP). The contract was won by L&T under global competition.

L&T received the order for this equipment in November 2005 and the delivery date was July 2007. L&T manufactured this equipment in a record time and is delivering it 6 weeks ahead of schedule.

The main features of this equipment are a 16.3 metre diameter, an overall length of 40 metres and weight of 1320 MT. The material of construction for this equipment is carbon-manganese steel with more than 170 MT of stainless steel internals.

The process licensor for this equipment is UOP-USA. Mechanical Design (including the critical finite element analysis), detailed engineering and fabrication were done by L&T's Hazira Works. Transportation of this mammoth equipment will also be carried out by L&T.

The flag-off ceremony took place at L&T on May 21, 2007 and the equipment will sail to Jamnagar and will reach JERP by end May 2007.

The seamless execution of the project once again proves L&T's capability in fabricating such large equipment utilizing hi-tech fabrication techniques. L&T improved its own track record by delivering the equipment ahead of schedule and is now geared to fabricate more challenging and critical equipment for refineries around the world.

Incidentally, L&T's Hazira Works is in the final stages of its capacity expansion project with which the shop capacity is doubled including a super-heavy bay which can handle 2000 MT plus weight equipment.

Background:

Larsen & Toubro Limited is a USD 4 billion technology, engineering and construction company, with global operations. It is one of the largest and most respected companies in India's private sector.

A strong, customer-focussed approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business across seven decades. L&T has a distinguished record of achievements including the world's largest coal gasifier made in India and exported to China, India's first indigenous hydrocracker reactor, oil and gas platform projects executed to global benchmarks and the world's largest Continuous Catalyst Regeneration reactor.



A view of FCC regenerator at L&T's Hazira Works.