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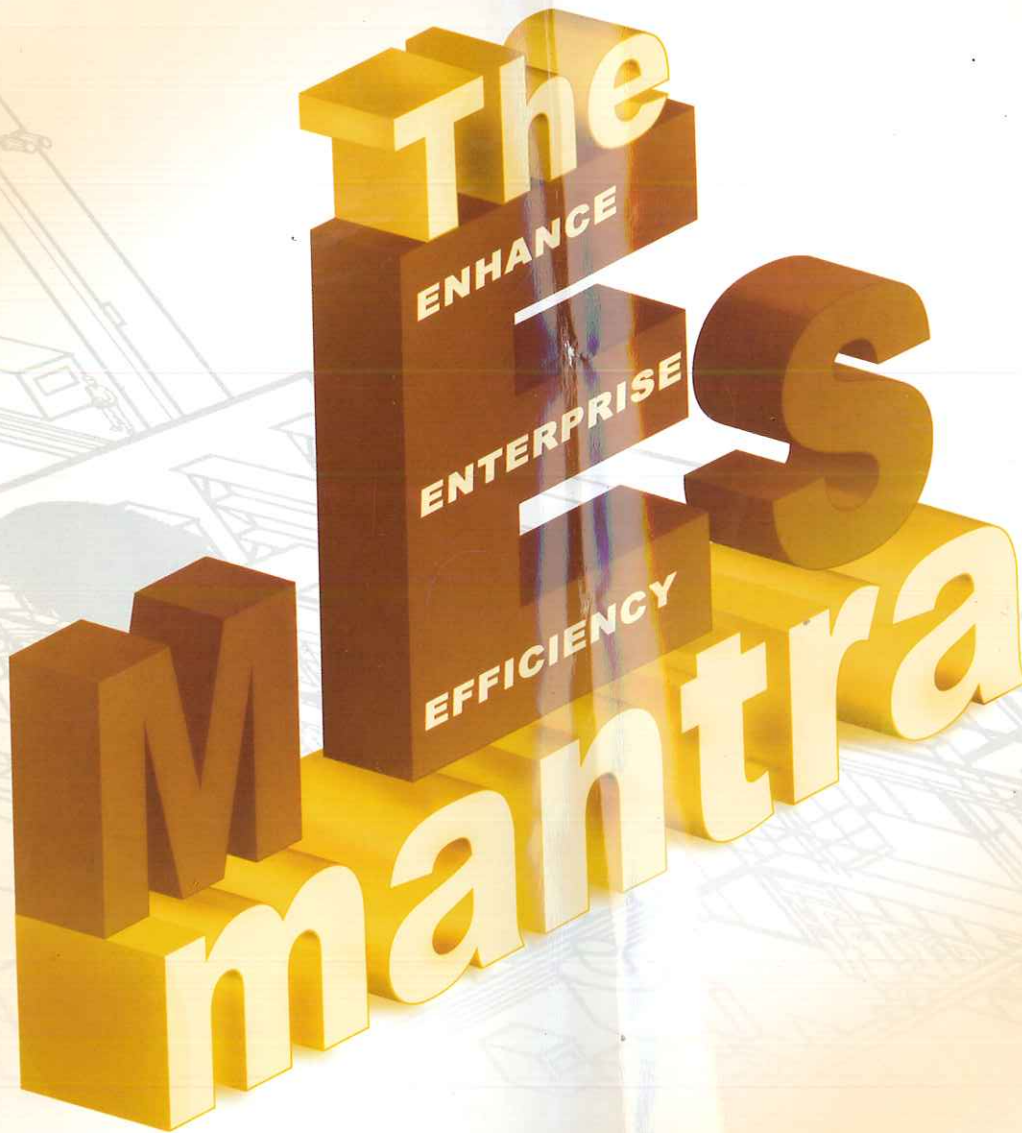
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NEW PLANT

Tecnimont ICB commissions carbon dioxide recovery plant



Tecnimont ICB Pvt Ltd (TICB) successfully commissioned a carbon dioxide (CO₂) recovery unit for Nagarjuna Fertilizers and Chemicals Limited (NFCL). The plant was formally inaugurated recently by

K S Raju, chairman and managing director, NFCL.

The carbon dioxide recovery unit of NFCL is installed to capture 450 metric tonne per day (MTPD) of CO₂. The plant was constructed by TICB, a well known engineering, procurement & construction (EPC) company in India and the technology was licensed by Mitsubishi Heavy Industries Ltd (MHI). The CO₂ is recovered from flue gas emitted during the ammonia production process and the captured CO₂ serves as feedstock for urea production. MHI offered the basic know-how and licensing while

TICB was vested with engineering, procurement and construction on turnkey lumpsum. Due to intensive efforts of NFCL, TICB and MHI the project was completed two months ahead of schedule.

TICB began its stint in carbon capture with two of 'first-of-its-kind' CO₂ recovery contracts on lumpsum EPC awarded by IFFCO in the year 2005 and since then TICB has commissioned three such CDR projects in India and the fourth CDR plant is in an advanced stage of construction for Gulf Petrochemical Industries Co (GPIC) in Bahrain.

FERTILISER

Tata Chemicals boosts ammonia & urea production

Tata Chemicals Ltd (TCL), a leading manufacturer of chemicals, fertilisers and food additives, recently announced successful commissioning of the de-bottlenecking of its Babrala facility and dedicated this initiative to its group founder, J N Tata on the occasion of the founder's day. The project was completed in a record time of 18 months with an investment of Rs 208 crore, aimed at fine tuning and enhancing production capabilities thereby expanding the existing production levels.

The increased growth of production draws impetus to the company's commitment towards providing high quality products for its discerning customers. With this, the production capability of the Babrala fertiliser increases from 8, 64, 600 million tonne (mt) to 11, 55, 000 mt per year. The de-bottlenecking process will augment the production of ammonia and urea plant to 2,000 MTPD and 3,500 MTPD, respectively.

Speaking on the occasion, Kapil Mohan, executive director, Tata Chemicals Ltd, said, "We dedicate the successful commissioning of the



Babrala plant to the farmers of the nation. TCL has always been in the forefront providing quality products and services for the community at large, and believes in adding the 'human touch of chemistry' to the businesses we are involved in."

EVENT

Lanxess makes its presence felt at Azeotropy'09



'Azeotropy, '09 - We Mean Green', organised by IIT Bombay and the Chemical Engineering Association, was recently held in Mumbai. Azeotropy highlights the work done by chemical engineers towards developing greener technologies and to spread awareness

among budding young chemical engineers about the role they will have to play to ensure a greener and cleaner plant.

Lanxess India Pvt Ltd, a specialty chemical company, was one of the sponsors of this event. The aim for Lanxess was to encourage young chemical engineers to come up with the technologies to combat pollution in all its forms and ensure a greener & cleaner plant.

Speaking about the event, Joerg Strassburger, managing director and country representative, Lanxess India Pvt Ltd, said, "Lanxess is committed to encouraging unique innovations, be

it within the company or outside it. Education plays a vital role in shaping the future of our communities and we share the dream of the community to nurture young minds and encourage the youth to go forward and be the best that they can be. Lanxess is committed to the improvement of environment and maintenance of excellent health and safety standards. We are happy to be part of an event that promotes such innovations in science."

At the event, the paper & poster presentation competition, which Lanxess India sponsored, focussed on students' creativity on the theme 'Green Technology'.