



thyssenkrupp

Press release

Industrial Solutions

22.02.2018

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thyssenkrupp Industrial Solutions wins caustic soda project contract from GNAL

thyssenkrupp Industrial Solutions has been awarded a contract by GACL-NALCO Alkalies & Chemicals Private Limited (GNAL-www.gnal.co.in), a joint venture formed between Gujarat Alkalies and Chemicals (GACL) and National Aluminium Company (NALCO) for their grassroots membrane cell caustic soda-chlorine project. The plant with a planned production capacity of 800 tons of Caustic Soda per day will be located in Dahej, Gujarat. thyssenkrupp will provide knowhow, basic and detailed engineering services, supply of proprietary equipment, procurement / inspection, erection and commissioning supervision services and performance guarantee test for the caustic soda-chlorine plant. After completion, it will be the largest single-train caustic soda-chlorine plant regarding capacity to have been put up in India, so far.

The plant will deploy thyssenkrupp's leading membrane cell technology which is at work across a majority of Indian caustic soda installations. At the heart of the plant will be the group's latest, energy and emission-friendly membrane cell elements.

P. D. Samudra, CEO & Managing Director at thyssenkrupp Industrial Solutions (India) says: "thyssenkrupp is well-recognized in India and abroad for plants for the production of caustic soda, chlorine and chlorine derivatives. Over 75 percent of the installed caustic soda-chlorine membrane cell capacities in the country are based on our proprietary bipolar design membrane cells. They are setting standards in energy savings and sustainability."

GACL is amongst the leading companies in India for caustic soda production and other chemicals promoting green technology. The company has been producing caustic soda in association with thyssenkrupp since the early eighties, when it opted for the group's path-breaking membrane cell technology for its facilities in Vadodara and Dahej.

NALCO, a Navaratna company under Ministry of Mines of the Government of India, operates one of the largest integrated bauxite-alumina-aluminium-power complexes in the country. It has diversified operations also in renewable energies such as wind and solar powers.

About us:

The Industrial Solutions business area of thyssenkrupp is a leading partner for the engineering, construction and service of industrial plants and systems. Based on more than 200 years of

experience we supply tailored, turnkey plants and components for customers in the chemical, fertilizer, cement, mining and steel industries. As a system partner to the automotive, aerospace and naval sectors we develop highly specialized solutions to meet the individual requirements of our customers. Around 21,000 employees at over 100 locations form a global network with a technology portfolio that guarantees maximum productivity and cost-efficiency.

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The Electrolysis & Polymers Technologies business unit combines decades of engineering know-how and leading technologies in the fields of electrolysis, polymers, bio-polymers, base chemicals, as well as gas and high-pressure technologies. Our product range also includes innovative storage solutions for the growing renewables sector. We translate our extensive knowledge of processes and plant design into cost- and resource-efficient solutions and expert service for customers around the world.

For more information visit: www.thyssenkrupp-industrial-solutions.com



At the contract signing in Vadodara: Mr PK Gera, IAS - GNAL Chairman (centre), Mr Ketan Shah, CEO GNAL (to his right) and Mr PD Samudra, CEO & Managing Director, thyssenkrupp Industrial Solutions (India) (to his left) are flanked by officials of both companies.

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