

thyssenkrupp Uhde secures landmark contract for GNFC's new nitric acid plant

- **Third project for GNFC will enhance the production capacity of weak nitric acid by more than 50%**
- **Climate-protecting EnviNOx® technology minimizes emissions**

thyssenkrupp Uhde, a major chemical technology solution provider, has been awarded a contract by Gujarat Narmada Valley Fertilizers & Chemicals Ltd. (GNFC) for the construction of a Weak Nitric Acid (WNA - III) Plant in Bharuch, Gujarat, India. The scope of work includes license, basic engineering, detailed engineering, procurement, construction, commissioning, and start-up services. Based on advanced thyssenkrupp Uhde technology, the design puts a focus on operational efficiency, safety, and sustainability. The plant will have a capacity of 600 metric tons per day (MTPD) of weak nitric acid. As one of the India's largest nitric acid facilities, the new plant will be equipped with Uhde's highly effective and proven EnviNOx® technology to reduce greenhouse gas emissions by eliminating nitrogen oxides from nitric acid production.

The long-standing partnership between thyssenkrupp Uhde and GNFC, spanning over three decades, is characterized by several successful projects, particularly in the nitric acid sector. The WNA - I as well as WNA - II plants were also licensed by thyssenkrupp Uhde. This collaboration has laid a foundation of trust and technical excellence, which continues with the WNA - III project.

Dr. T. Natarajan, IAS, Managing Director, Gujarat Narmada Valley Fertilizers & Chemicals Ltd.: "We are delighted to further strengthen our market presence for Weak Nitric Acid in India by installation of new plant based on thyssenkrupp Uhde technology. At present, we are operating two nitric acid plants licensed by thyssenkrupp Uhde. The third plant will enhance the capacity and fulfill the downstream requirement to support 'Make in India Campaign' with commitment to environment conservations."

Nadja Håkansson, CEO thyssenkrupp Uhde: "We are delighted to further strengthen our long-standing collaboration with GNFC and support their growth plans. Thanks to our world-leading technologies and project delivery competence, we can help to ensure nutrition for millions of people through resource-efficient, low-emission fertilizer production."

The project will be carried out by thyssenkrupp Uhde's local subsidiary in India, which is a leading EPC and engineering consultancy offering solutions across different sectors such as petrochemical and refinery, fertilizers, cryogenic storages and much more. It has executed more than 850 projects in the last four decades.

About thyssenkrupp Uhde

thyssenkrupp Uhde combines unique technological expertise and decades of global experience in the engineering, procurement, construction and service of chemical plants. We develop innovative processes and products for a more sustainable future and thus contribute to the long-term success of our customers in almost all areas of the chemical industry. Our portfolio includes leading technologies for the production of basic chemicals, fertilizers and polymers as well as complete value-chains for green hydrogen and sustainable chemicals. <https://www.thyssenkrupp-uhde.com/>

About Gujarat Narmada Valley Fertilizers & Chemicals Ltd. (GNFC)

GNFC is a joint-sector enterprise promoted by the Government of Gujarat. It was set up in Bharuch, Gujarat in 1976. GNFC started its manufacturing and marketing operations by setting up in 1981, one of the world's largest single-stream ammonia-urea fertilizer complexes. Over the next few years, GNFC successfully commissioned different projects – in fields as diverse as chemicals, fertilizers and electronics. GNFC today has extended its profile much beyond fertilizers through a process of horizontal integration. Chemicals/Petrochemicals, Energy Sector, and Information Technology form ambitious and challenging additions to its corporate portfolio by installing Formic Acid, Ammonium Nitro Phosphate (ANP), Weak / Concentrated Nitric Acid, Ammonium Nitrate, Methanol, Acetic Acid, Ethyl Acetate, Nitrobenzene, Aniline and Toluene Di-isocyanate (TDI) Plants.

Contact

thyssenkrupp Uhde
Christian Dill
Press Spokesperson
Phone: +49 231 547 3334
E-mail: christian.dill@thyssenkrupp.com