



thyssenkrupp

Press release

Industrial Solutions

November 13, 2019

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thyssenkrupp and Paradeep Phosphates sign expansion contract for phosphoric acid plant

thyssenkrupp Industrial Solutions has recently been awarded a contract from Paradeep Phosphates Limited (PPL) for the expansion of their phosphoric acid plant in Paradeep, Odisha (India), based on the Di-hydrate technology from Prayon Technologies of Belgium. PPL is a leading fertilizer company in India and part of the Adventz Group. The project will increase the capacity of the existing plant from 1,000 tons to 1,400 tons of phosphoric acid per day. The phosphoric acid produced will be utilized by Paradeep Phosphates in the manufacturing of phosphate fertilizers such as DAP (diammonium phosphate) and NPK (compound/multi-nutrient fertilizers). The company is in the process of revamping their DAP-NPK facility as well.

thyssenkrupp Industrial Solutions will provide engineering and technical procurement services which will cover the plant's reaction unit, filtration unit, dry rock grinding section and an additional cooling tower cell. The project is planned to be completed within a period of 22 months from the Effective Date of the Contract.

P. D. Samudra, CEO and Managing Director at thyssenkrupp Industrial Solutions (India) said: "Paradeep Phosphates has been one of our earliest customers in India. Way back in the late eighties and nineties, we built for them what is still one of India's largest cryogenic ammonia storage tank farms. We are proud to be assisting them in this prestigious fertilizer project, by leveraging our experience in the phosphatic fertilizer sector."

Ranjit Chugh, COO of Paradeep Phosphates said: "The setting up of this phosphoric acid plant is aligned with our plans for expanding our footprint in the phosphatic fertilizer industry. We are happy that thyssenkrupp, who has considerable experience in the field is partnering with us in this project."

The project vindicates thyssenkrupp's experience in the fertilizer sector. The engineering major has recently commissioned a similar project for another fertilizer major in India.

About thyssenkrupp Industrial Solutions:

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

experience, we supply tailored, turnkey large-scale plants and components for customers in the chemical, fertilizer, cement, mining and steel industries.

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

About Paradeep Phosphates:

Paradeep Phosphates Ltd (PPL) is one of India's leading fertilizer companies. The company belongs to the Adventz Group. Its primary focus is the production and marketing of complex phosphatic fertilizers. The company produces a wide variety of phosphatic fertilizers including di-ammonium phosphate, various grades of NPK fertilizers, muriate of potash (MOP) as well as ammonia, sulfuric acid & gypsum. For more information visit: www.paradeepphosphates.com



Above : Ranjit Chugh (2nd f. r.), COO of Paradeep Phosphates, and P. D. Samudra (2nd f.I.), CEO and Managing Director of thyssenkrupp Industrial Solutions (India), shake hands after signing the contract.
Below : Teams from Paradeep Phosphates and thyssenkrupp Industrial Solutions (India) after the contract signing.



Press contacts:

thyssenkrupp Industrial Solutions (India) Private Limited

VK Joshi / Leroy Santos

Business Development & Public Relations

T: +91 22 4047 8014 / 8015

Vk.joshi@thyssenkrupp.com leroy.santos@thyssenkrupp.com

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