



Godrej & Boyce Mfg. Co. Ltd.

## Godrej Process Equipment successfully delivers World's tallest CCR Reactor

- *The gigantic 95 meters CCR reactor is taller than the Qutub Minar*

**Mumbai, 7<sup>th</sup> January 2019:** Godrej Process Equipment, a unit of Godrej & Boyce Mfg. Co. Ltd., today shipped one of the World's tallest Continuous Catalytic Regeneration (CCR) Reactor to Dangote Oil Refinery, Nigeria. With its height measuring a gigantic 95 meters, the CCR Reactor is 22 meters taller than the Qutub Minar and weighs approximately 703 metric tonnes, nine times heavier than a space shuttle.

With the completion of this order, Godrej has further strengthened its position as a technology and innovation driven company that has been continually contributing towards making the nation.



CCR is the key process in oil refinery converting low value naphtha to high valuable products like Petrochemicals and Gasoline through various reactions such as Dehydrogenation, Aromatisation, Isomerisation, Dealkylation, Dehydrocyclization. The CCR Reactor is a tall column like equipment with continuous moving catalyst. Very stringent tolerances are required



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to be maintained for installation of reactor internals. The equipment being in Hydrogen service, calls for a very critical metallurgy viz. Chromium Molybdenum Steel, which leads to a very complex fabrication requirement.

Speaking about the achievement, **Mr. Jamshyd Godrej, Chairman and Managing Director, Godrej & Boyce** stated, "We have always been in the forefront of adopting technology to offer the best-in-class solutions to our customers. The manufacturing of this complex reactor, the tallest in the world, and the shipping of it in a single piece is a matter of immense pride for us. It is a testimony to our company's vast technological expertise and also showcases Indian engineering capabilities. The successful manufacture of this equipment only adds to the achievements of Godrej & Boyce and its global footprint."

Adding to this, **Mr. Allen Antao, Executive Vice President and Business Head, Godrej Process Equipment** said, "Godrej Process Equipment is a leading global fabricator of high end critical static equipment for the Process Industry. For several decades now, customers from around the world have come to rely on Godrej for their operationally demanding equipment needs. The CCR Reactor built for Dangote's Refinery in Nigeria is the latest in the long list of capability challenging equipment built by Godrej."





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### **About Godrej & Boyce**

Godrej & Boyce, a Godrej Group Company, operates across 14 diverse businesses. Founded in 1897, the company started with the manufacture of high quality locks. It has since diversified into Consumer Goods, Office and Industrial Products & Services, Infrastructure & Real Estate. Headquartered in Mumbai, Godrej & Boyce specializes in and is a market leader in Appliances, Furniture & Interiors, Security Solutions, Locking Solutions, AV solutions, Vending, Material Handling, Industrial Logistics, Aerospace, Nuclear Power, Defense, Tooling solutions for Auto industry, Process Equipment, Power Infrastructure, Real Estate and Green Building Consulting. Godrej is one of India's most trusted brands serving over 1.1bn customers worldwide, every day.

### **About Godrej Process Equipment**

Godrej Process Equipment is one of the fourteen businesses of Godrej & Boyce, with the largest global footprint in the G&B group. Godrej Process Equipment is a leader in manufacturing custom built process equipment such as Heavy walled Reactors, Pressure Vessels, High Pressure Heat Exchangers, Columns, Trays and Reactor Internals for various critical applications in the Oil and Gas, Petrochemical, Fertiliser, Power and Water sector across the globe, with over 80% of their products being exported. Established in 1976, Godrej Process Equipment today has state-of-the-art manufacturing facilities in Mumbai and Dahej (SEZ) in India which spreads across a sprawling area of 90,000 m<sup>2</sup> (under crantage). Both the premises are equipped with their own sea- going jetty. Godrej Process Equipment is one of the preferred vendors for manufacturing these equipment in various exotic metallurgies Leveraging their expertise in Design, Welding, Manufacturing & Quality, Godrej Process Equipment has delivered large number of critical equipment to Customers all over the world.

### **For further information, please connect**

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