calderys

Forged in legacy. Fueled by excellence.

CALDERYS PLANT IN EAST AND SOUTH INDIA (CAPES)

WORLD'S LARGEST SINGLE-SITE GREENFIELD REFRACTORY PLANT

Engineered for performance across diverse industrial applications

PRODUCT LINES

Acidic Monolithics & Ready Shapes	Basic Monolithics	Acidic Bricks	Basic Bricks	Steel Casting Fluxes	Taphole Clays

Calderys plant in Odisha, India, set out to become the world's largest single-site greenfield plant for refractories and steel casting fluxes, will house six advanced production lines and state-of-the-art testing units. The first two production lines are already commissioned, with further ramp-up underway and full capacity targeted by the second half of 2026. Designed to support India's growing industrial demand, particularly in the east and south, this facility in Odisha integrates sustainability at its core through responsible design and operations.

- A commitment to excellence, innovation and sustainability
- A significant milestone in Calderys' global growth strategy
- In line with evolving needs of the Indian refractory market in the eastern and southern regions
- Aims to create 350 technical & skilled jobs by 2026

COMPREHENSIVE SUSTAINABILITY APPROACH THAT GOES BEYOND COMPLIANCE

Addressing energy, water, and emissions

Renewable Energy Integration

- Plans to source 20% of its energy from solar power within the next five years.

Zero Effluent Discharge Facility

- No wastewater is released outside the premises.
- Advanced effluent and sewage treatment systems enable on-site water recycling.
- Treated water is reused for landscaping and auxiliary operations.

Water Conservation

- 95 groundwater recharge pits are planned to support aquifer sustainability.

Green Belt Development

- Targeting 33% green cover on-site.
- 800 of 2,000 planned trees have already been planted.
- Supports biodiversity and carbon offsetting.

Air Quality Management

- Equipped with robust dust and emission control systems.
- Aims for air quality 5 times cleaner than typical refractory facilities using high-efficiency filtration.

Circular Economy Practices

- Incorporates scrap and recycled materials in production.
- Focuses on waste minimization and resource efficiency for responsible manufacturing.

SHAPING THE FUTURE OF DIVERSE INDUSTRIES WITH UNRIVALED SCALE, INNOVATION, AND A STEADFAST COMMITMENT TO EXCELLENCE