



R & D Therm (I) Pvt. Ltd.
(A Konark Global Co.)

R & D THERM

MECHANICAL DESIGNING AND MANUFACTURING

1995

 C14/2 NICE Industrial Area MIDC Satpur Nashik
422 007 Maharashtra, India

 sales@rdtherm.com

 www.rdtherm.com

 +91 94222 93397

ABOUT US

R&D Therm India Pvt Ltd. (RDT), a Konark Global Group, is a Nasik-based specializing in the design and manufacturing of process equipments like Distillation Columns, Heat Exchangers, Pressure Vessels, Reactors, Tanks and more. We excel in crafting precision-engineered solutions in materials like Stainless Steel, Carbon Steel, Mild Steel, Hastelloy, Titanium and beyond.



Founded in Nashik, Maharashtra, INDIA, RDT is the flagship enterprise of Konark Global, driven by a legacy of industry expertise and business excellence. Our dynamic and innovative approach, coupled with cutting-edge technology and automation, propels us forward.

WE MANUFACTURE



R & D Therm (I) Pvt. Ltd.
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AIR RECEIVER

Design Code:
ASME, IBR, IS

Capacity:
0.5 m³ to 100 m³

Design Pressure:
Upto 120
Kg/cm²(g)

DISTILLATION COLUMN

Design Code:
ASME, API 650

Diameter: 4500 mm
Length: 60 mtr

Design Pressure:
38 KG/cm²(g)

REACTORS

Design Code:
ASME, IBR, NIBR

Capacity:
0.5 m³ to 10 m³

Pressure:
Upto 12 Kg/cm²(g)

DEAERATOR

Design Code:
ASME, IBR, NIBR

Capacity:
0.5 m³ to 100 m³

Pressure:
Upto 22 Kg/cm²(g)

HEAT EXCHANGERS

Design Code:
ASME, IBR, TEMA

Capacity:
1 m² to 500 m²

Pressure:
Upto 50 Kg/cm²(g)

QUALITY & DESIGN

QUALITY



NDT level 2 expertise



**Quality certification of U-Stamp
ASME & IBR**



In Process inspection &TPI

DESIGN



**Use of Software for Mechanical Design
Siemens, Solid Edge - 3D Model, Auto
CAD**



Qualified team of 6 engineers



**Design as per ASME, TEMA,
IBR**



R & D Therm (I) Pvt. Ltd.
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- **Types of Equipment:**
 - **8 Heat Exchangers**
 - **4 Reflux Tanks**
 - **4 Distillation Columns**
- **Single Highest Order Value: 6.25 Crore**
- **Export to UAE Petrochemical Industry**
- **Complete Project within 14 weeks from the date of drawing approval.**

KEY PROJECTS





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- Throughout Length Of Column: 92.36 feet
- Diameter: 1400 mm
- Weight Of Single Column: 41 tons
- Total weight: 100 tons
- Project Timeline: 12 weeks from date of drawing approval
- No. of Columns: 7



KEY PROJECTS

K O N A R K G L O B A L

KEY PROJECTS



**Secondary Combustion Chamber
for incinerator
Dimension 3300 OD X 10041 LG**

Exported to Belgium





R & D Therm (I) Pvt. Ltd.
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Deaerator tank



Heat Exchanger





**2 NOS. OF STACKS
28 METRES LONG
DELIVERED**

Deaerator exported to Philippines





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Sandwich Type Heat Exchanger

Top Mounted Condenser





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Tank : 30 KL





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Distillation Column





Rectangular Tank

**25 KL Cryogenic
Underground Vessel**





Trombone Heat Exchanger

Tank





Condenser

2.75 m², 273.1 OD X 1200 LG X 10 THK

Air Receiver Tanks





**Technology
Collaboration**



**Increment of
15% in Team
Strength**



**20% Addition in
machinery.**



**Additional 20,000
sq/ft for SS
fabrication**



**Dedicated
facility for IBR
Deaerator**

GOALS FOR

2024