

Heat Transfer, Temperature Maintenance, Heating & cooling

Celsun offer Customised Heat Management Solution from Design, Detail engg, Manufacture to installation & commissioning. Our Proven Expertise:

1. Electrical Heat Tracing system for Piping & tanks.
2. Steam Copper tube Heat Tracing system.
3. Flexible Heating Jackets & Pads for Hopper , Vessel & Drum heating
4. Hot water, steam generation plant & Hot air Heating Ovens
5. Under floor Heating & Cold Room Door Heating systems.



Flexible Heating Tapes
freeze protection
and process temperature,
under floor Heating.



Pre-insulated Heating
Jackets & Pads for
Drum / Hopper Heating.



Silicone Heating Jackets
& pads for customised
heating.



Hot Air Heating Oven
for Drum / Motor
Heating.



Steam & Hot Water
Boiler Plant.

Celsun Advantage:

One stop solution from design to commissioning to Heat management.

In house Design & Engineering infrastructure.

In house Manufacturing under strict quality control.

On time delivery commitment.

Professional project management.

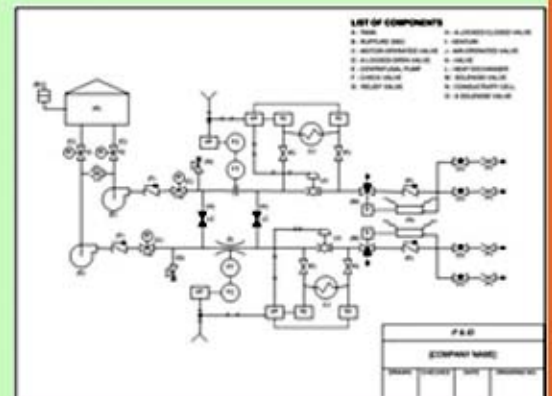
Decades of Heat Management experience.

Optimum solution using Steam, Hot water /air, Thermic fluid or Electrical Heating.

CELSUN SERVICES FOR IBR & NIBR PROJECTS

Celsun & its promoter has over three decades of professional project experience in field of steam generator, steam distribution and steam application such as steam tracing. We are preferred vendors for THERMAX & FORBES MARSHALL. We offer following value added services:

1. Design to commissioning of Boiler Plant.
2. Design to commissioning of IBR Steam Piping & IBR PRS station.
3. Design to commissioning of Steam Tracing System.
4. Engineering , Drawings & IBR services.



Celsun Advantage:

Over 20 years of rich practical experience in Steam related projects.
One stop solution for all your steam related applications & projects.
Reputation of on-time delivery of projects & assignments.
Economic , at the same time quality driven operations.
Preferred Vendor for THERMAX & FORBES MARSHALL for last 20 years!
Executed over 100 challenging projects for quality & safety conscious clients.

Freeze Protection, Temperature Maintenance and Heating

Celsun offer Turnkey EHT Solution using World's Best Raychem Heat Tracing Systems for pipe Lines or vessels which consist of:

1. Flexible Self Regulating Heat Tracing cable
2. Temperature Monitoring & control System
3. EHT Power Distribution Panel
4. Insulation



Unique Raychem Self Regulating Advantages:

- Adjust Power output with surface temperature.
- Highly Safe and energy-efficient heating tape.
- Raychem is inventor of self regulating technology & world leader.



BTV for freeze protection and process temperature maintenance upto 65°C



QTV for pipe heat tracing and process temperature maintenance upto 110°C



XTV withstand up to 250°C & maintain temperature upto 121°C.



VPL withstand up to 260°C & maintain temperature upto 235°C.

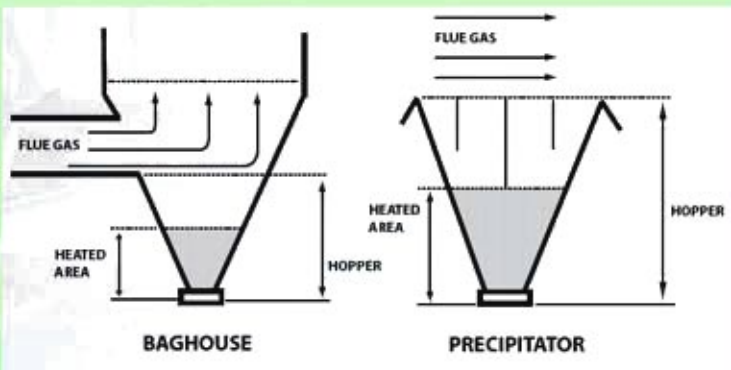
Celsun Advantage:

One stop solution from design to commissioning to EHT management.
In house Design & Engineering infrastructure.
In house Manufacturing for EHT Panel under strict quality control.
On time delivery commitment.
Professional project management.

Eliminate Bridging, Pluggage, Condensation, and Corrosion

Celsun Hopper Surface Heating Systems maintain elevated temperatures above moisture and acid dew points using a proven combination of:

- 1. Modular hopper surface heaters
- 2. Flexible heating tapes for throats, poke tubes, and manways
- 3. Temperature control and installation hardware



Our modular design provides the:

- Easiest and lowest cost-of-installation
- Most cost-effective and energy-efficient heat possible across a large surface area



Silicone Rubber

Fibre Glass

Metal Clad

U Tube Heaters

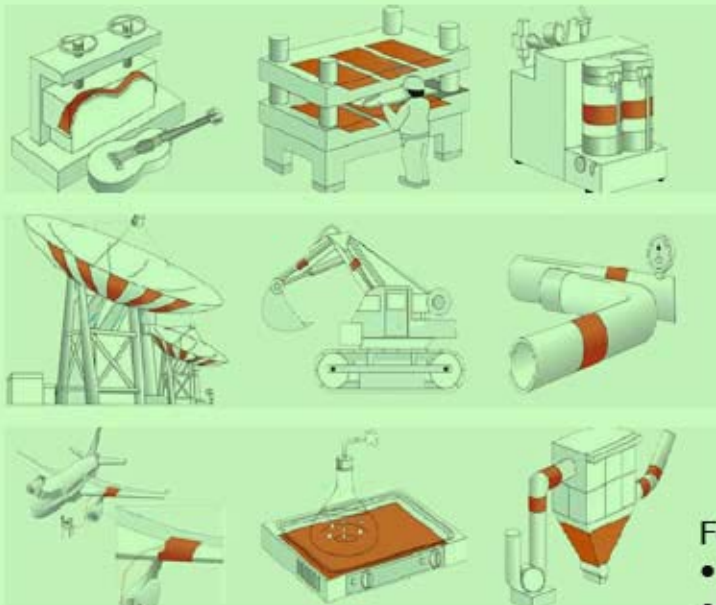
Celsun Advantage:

- Wide range upto 510 deg C exposure Temperature.
- Customised Design.
- In house Manufacturing under strict quality control.
- In time delivery commitment.

Process Heating, Freeze / Condensation Protection and Composite Bonding

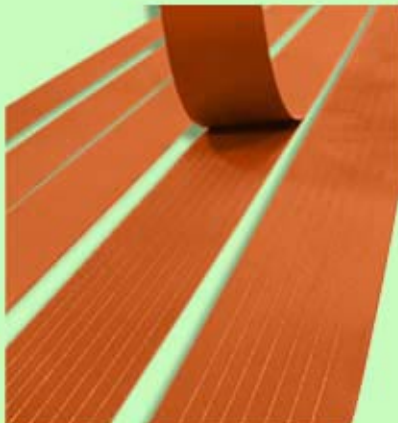
Celsun custom designs and manufactures flexible Silicone heaters for an almost endless list of different applications in different fields. Celsun design, manufacture & supplies two types of Flexible Silicon Heaters:

1. Wire-Wound Flexible Silicone Rubber Heater
2. Etched Foil Flexible Silicone Rubber Heaters



Features :

- Long life, high reliability
- Versatile configurations
- withstand extreme temperatures



Wire-Wound Silicone Heater



Etched Foil Silicone Heater

Wire-Wound Advantage:

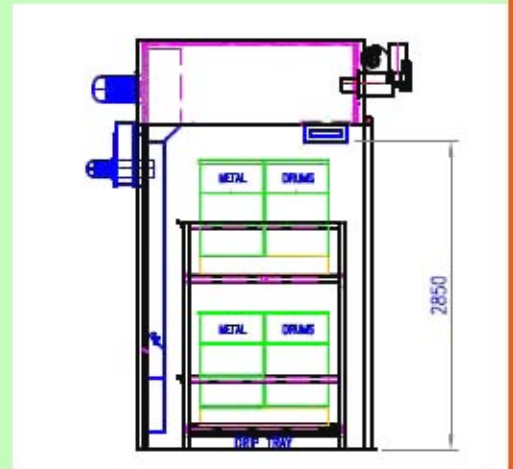
Economic.
Customised Design.
No Minimum order quantity
Operating Temperatures: 200 °C

Etched Foil Advantage:

Higher watt densities
Reproduction of complex circuits
Elimination of edge loss compensation
Complex heat distribution with a rating of about 240°C
Very Thin, as thin as 0.5 mm

Viscosity Control, Temperature Maintenance and Heating
Celsun Drum Heating Systems for single drum or multiple drums heating consist of:

1. Flexible Jacket Type Drum heaters
2. Movable Metal encloser Type Drum heater
3. Multi-Drum Hot air Heating Oven



Our modular design provides the:

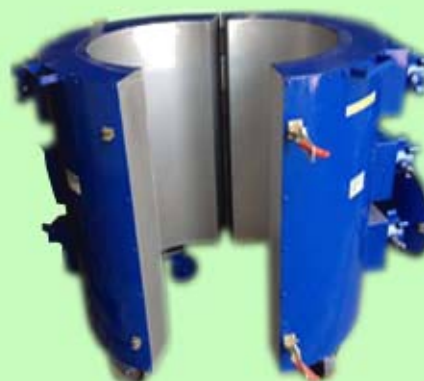
- Easiest and lowest cost-of-installation
- Most cost-effective and energy-efficient heat possible across a large surface area



Silicone Rubber



Fibre Glass Jacket



Metal Jacket



Multi Drum Heating Oven

Celsun Advantage:

Wide Product range upto 250 deg C heating application.

Customised Design using Electric, Thermic fluid & steam as heating medium.

In house Manufacturing under strict quality control.

In time delivery commitment.

REFERENCE CLIENTS

experience reliable Heating.



PENTAIR

HUNTSMAN



Mylan

HYATT

AMMANN



HEMPEL



GlaxoSmithKline



GODFREY PHILLIPS
— INDIA LIMITED —



AARTI INDUSTRIES LIMITED



Gulf
Petrochem



citrus

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