

ESTEEM - CONNECTING MINDS

Newsletter | Jan23 - Mar 23 | issue : 2



ESTEEM

CONSTRUCTIVE SOLUTIONS

www.esteemprojects.com

Message From Management

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Dear Colleagues

Having been part of Esteem since last 24 years, I can confidently say that the FY 2022-23 has been instrumental for Esteem in many aspects.

Among others, we have executed critical projects for new important clients. We are happy to share that Esteem has been preferred partner by reputed Pharma companies. It is good to cherish that Stakeholders are happy with our quality and commitment.

We have also added significantly to our staff strength and welcome the new members to Esteem family.

Let us all synergize our energies towards achieving and exceeding the expectations of the stakeholders.

Gurinder Singh
Director - Commercial



Dear Colleagues,

We had a great financial year (2022-23) ended with colourful Holi festival. I am so lucky to work with brilliant team.

Thank you for your meticulous work. We could not have done it without you.

World is changing rapidly, we need to be updated and use latest technology so that speed and quality move together.

Few brilliant employees' have joined Esteem recently, with this Team Esteem becomes more strong.

Warmest welcome!

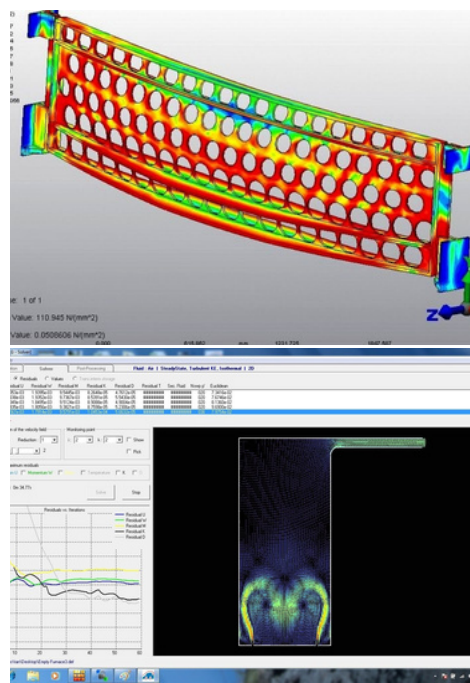
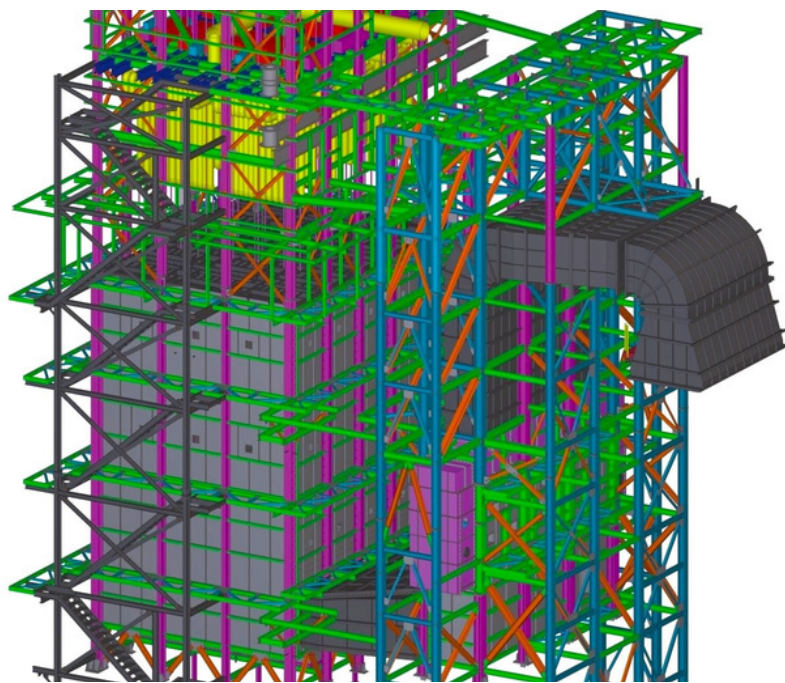
Prasanta Saha
HOD - Projects





Design & Engineering

Fired Heaters | Reformers | Cracking Furnaces



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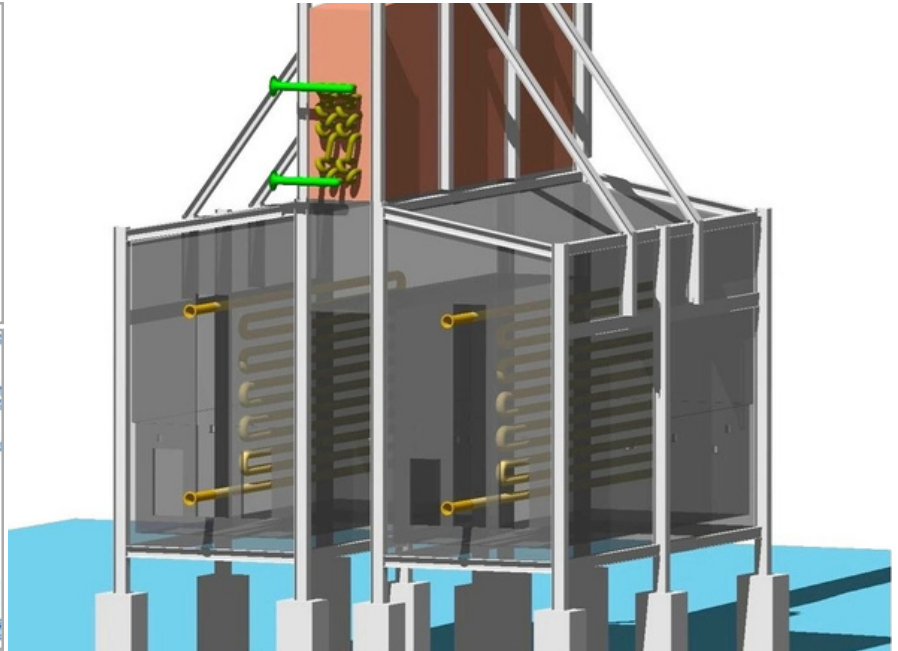
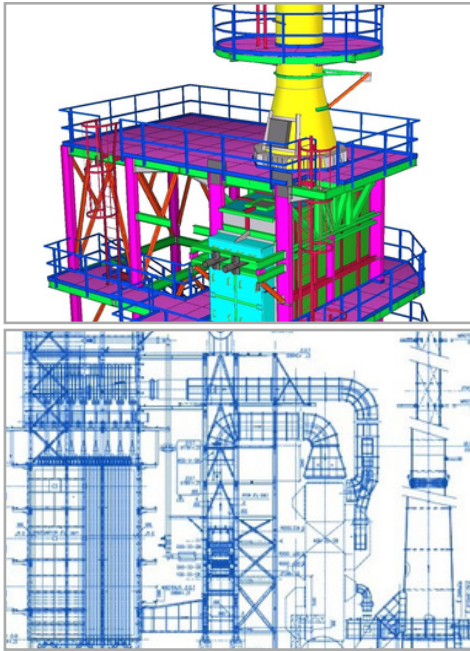
End to end engineering
solutions for fired heaters

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Esteem Projects Pvt. Ltd.
B-39, Sector-67, Noida, UP - 201307,
India.

Esteem's design department is fully equipped to handle Fired Heater projects of any size. Our scope of activities includes:

- Basic and detailed engineering
- Structural design (Static, Wind, Seismic)
- Pressure parts design
- Piping flexibility & stress analysis
- Connection (joint) design calculations
- Tube support design
- Refractory design and detailing
- Transportation & lifting lug design
- Design for modularisation
- 3D modelling
- CFD & FEA
- Procurement engineering
- Design and engineering for Dampers



Extensive training and cutting edge software & hardware is what differentiates us from the rest.

Available Design & Engineering Software

- Winheat 4.5 (Fired Heater Rating and Simulation Software)
- Autodesk Plant 3D
- Autodesk Revit
- Autodesk Advance Steel
- Autodesk P&ID, Autodesk MEP, Autodesk Electrical
- Autodesk Structural Analysis for Revit
- Autodesk AutoCad
- Gritec Advance Design
- Bentley STAAD Pro
- ISOMECH
- EasyCFD
- RefCal Pro (Proprietary In-house Refractory Heat Transfer Calculations Software)
- PipeCal Pro (In-house Hydraulic Analysis Software)
- Any many more...

Hardware Facilities

- Central file server with redundant storage and power
- Hourly snapshots and online backup
- Latest Thinkcentre Workstations
- Gigabit LAN and VPN Connections

Data Protection

At Esteem, control of Client's drawings and documents are given top priority. Employees are informed about the usage rights and restrictions and same is strictly enforced. Safeguarding of data is very important and we have an hourly backup system which ensures minimum data loss in case of unexpected outages.

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India.

Waste Heat Recovery Unit Convection Modules

Job No 246

Detailed engineering, procurement, fabrication and supply of three WHRU modules for export job. under various TPI inspections including Lloyds (LRQA) with ASME “S” certification, order has been completed successfully.

Salient major points of the project

- Total 3 modules weight -166 MT.
- Average dimensions of each module - 11.5 x 3.8 x 4m.
- MOC of Coils & Headers - 800H, P91, P22, SS321H, CS.
- Coils have been hydro tested with max test pressure 180 Bar(g), Hot air dried and filled with Nitrogen (-10 Deg C dew point) for preservation.
- MOC of fins of coils are 11-13 Cr/CS.
- Required WPS/PQR for various combination of metallurgy were qualified.

Entire process of execution was not easy. There were so many hurdle in every compartment. However all issues were liquidated with following action :

- Risk analysis was conducted at the beginning of the project. Various liquidation plans were prepared in advance which helped to sail smoothly.
- Non availability of 10” (28/21mm thk) 800 H. In house design was done to fabricate pipe out of plate and approved by client. Pipe was fabricated at our shop under close inspection of Client & Lloyds.
- Close follow up by senior management and permanent expediter was posted at vendor shop for SS321H & 800H fittings. Bonus was given to vendor to speed up the job.
- There is only one Fining agency. It was a big challenge but delay was reduced by close follow up.
- To obtain ASME “U” and “S” stamp, dedicated team was involved to have seamless process.

Great job done by TEAM, Congratulations!

Sollat Jose
Project - Manager

Waste Heat Recovery Unit Convection Modules

Job No 246

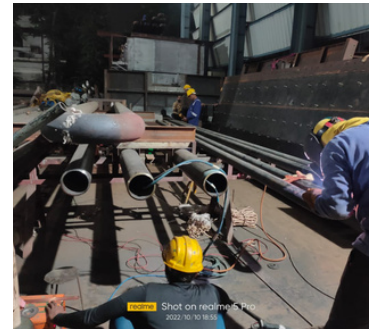
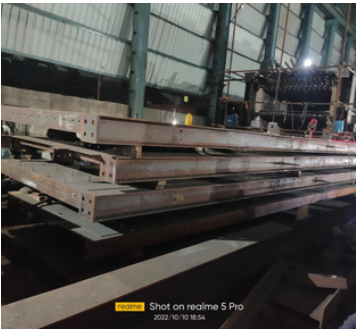


Ongoing Projects



Job no 243 :

All modules dispatched. Total project nearing completion.



Job no 245 :

Engineering & Procurement completed except minor items. Manufacturing nearing completion. Erection at site planned to commence.



Job no 247 :

Export Order for reformer steel in panels - Completed.

Ongoing Projects



Job no 251 :

Engineering nearing completion. Major procurement nearing completion. Fabrication commenced.



Job no 252 :

Engineering & Procurement completed. Fabrication nearing completion. Erection is going on.

- **Job no 253** : Completed.
- **Job no 257** : Engineering & Procurement is in advance stage.
- **Job no 258** : Basis engineering completed, detailed engineering in process.
- **Job no 260** : Basic engineering completed.

Let's Welcome

New Faces Of Esteem Family

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Rajendra Sahu
G.M. Projects



Prashant Kumar
Manager Instrumentation



Vinay Kumar
Engineer - Process



ShriKrishna Mishra
Manager - Projects



Vinayaka Parashar
Manager - Projects



Mayank Tyagi
Project Engineer



Inderjeet Singh
Engineer - Design



Shafali Bhat
Dy Manager - Procurement



Sudip Raul
Mechanical Engineer

Welcome

New Faces Of Esteem Family

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Nitu Mittal
Legal Associate



Vivek Sharma
Engineer - Inspection



Ankit Patel
(Procurement Engineer)



Abhay Kumar
Draftsman - Structural



Buddhadev Barik
Executive - Store



Manpreet Singh
GET-Mechanical

We extend our warmest welcome to you all and look forward to a fruitful and long-lasting relationship.

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For any inputs /articles /photographs for publishing in "**ESTEEM CONNECTING MINDS**"
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CREATING A CULTURE OF INNOVATION

www.esteemprojects.com

