

ESTEEM

CONSTRUCTIVE SOLUTIONS

ESTEEM PROJECTS PVT. LTD.

Fired Heaters and related equipment



Noida (Head Office & Works)

B-39, Sector-67,
Noida, UP – 201301
Ph.: 0120 6491904/ 05/ 06

Delhi

Subhash Chowk, Laxmi Nagar,
Delhi – 110092
Ph.: 011 22043491/ 92

Baddi (Workshop)

K.No. 1027-1030/369, Bhud Road,
Gullarwala, Baddi (H.P)
Ph. : 01795 657001

Email: epl@esteemprojects.com Web: www.esteemprojects.com

About Esteem

WE PROVIDE TURNKEY SOLUTIONS FOR FIRED HEATERS

Design, Supply and Revamp of Fired Heaters/ Crackers/ Reformers as per API-560 and other international standards forms the core of our business.

Esteem undertakes all activities from Detail Engineering to Revamps & Turnarounds to Complete Turnkey Projects.

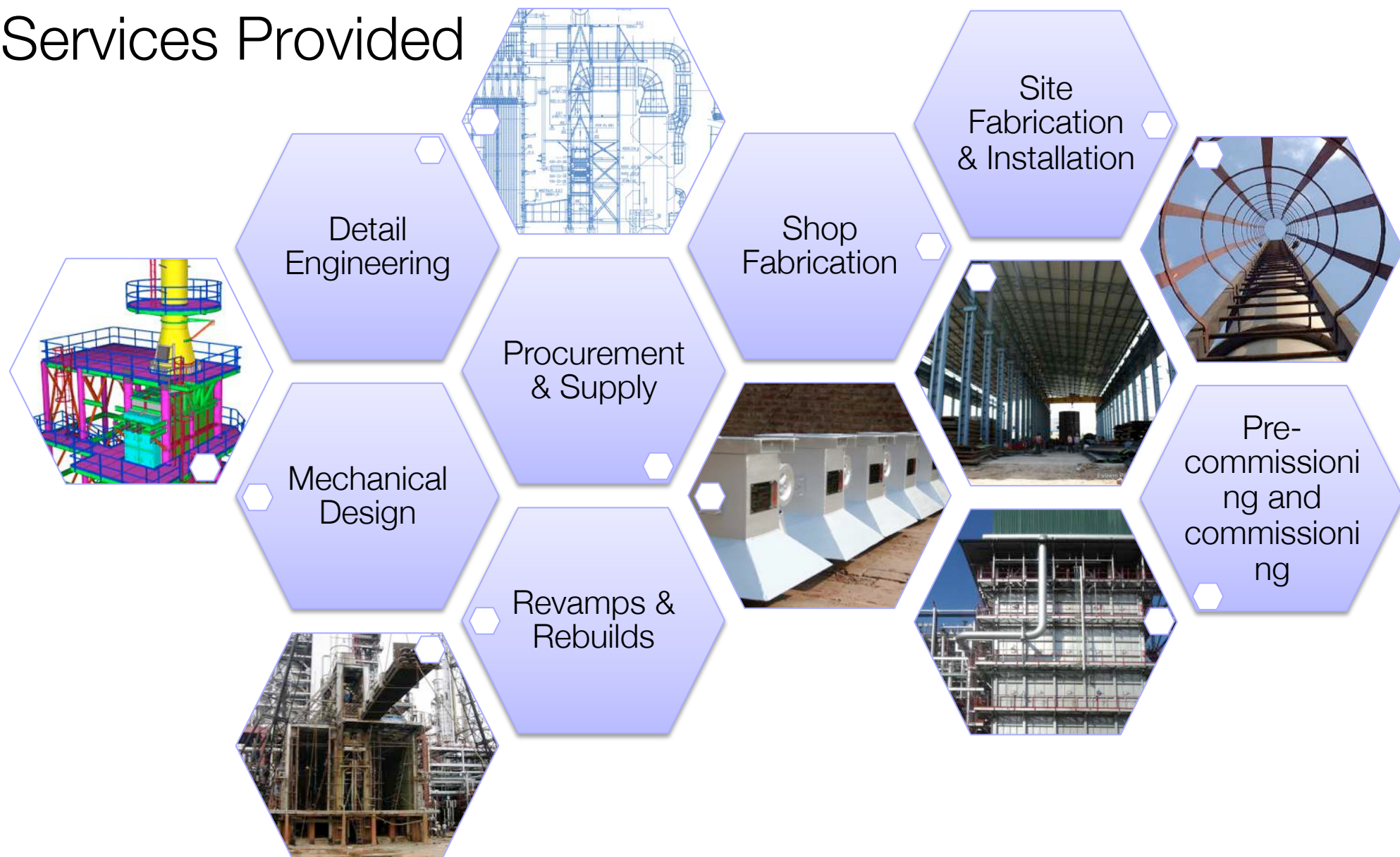
Over the past 20 years we have built a solid reputation for cost effective reliable and timely services.



Track record of providing complete satisfaction to clients, always.



Services Provided



Services Provided

FOR NEW INSTALLATIONS

- Structural design, detail engineering, fabrication, supply, field installation, instrumentation & controls, pre-commissioning and commissioning of Fired Heaters (heaters/ crackers/ reformers in modular/ conventional design) conforming to the latest pollution norms.
- Supply and erection of air pre-heating/ steam super heating systems.
- Supply and erection of shop/ site fabricated equipment.
- Supply, fabrication and erection of plant/ yard piping in CS/ SS/ AS materials.
- Erection and alignment of rotary equipment.
- Supply & field installation of refractory lining.
- Procurement, expediting & inspection of indigenous / imported material.

QUALITY



At Esteem, Quality is the first and foremost concern.

Over the last decade we have built a reputation for reliability and exceptional quality of services.

Our repeat clients are a testimonial to the trust we enjoy as a result of our painstaking attention to detail and the drive for perfection in whatever we do.

We would love to help you interact with any of our past clients to discuss about our work.

New Heaters by Esteem (partial list)

- Ketene Furnace for LOIL, Mahad
- Ketene Furnace for Jubilant Life Sciences Ltd., Nira
- 4 nos. (39 Mmkcal/hr) Naptha Cracking Furnaces for BCPL, Lepetkata (In progress)
- Regeneration Gas Heater for BCPL, Lepetkata
- Reformer Package for 25,000 TPA Hydrogen Generation Unit at Indian Oil Corporation Ltd. (BR Unit), India
- DHDT Heater Package (12.7 MMKcal/hr) at IOCL-BGR, India
- NG Preheater (4.48 Gcal/Hr) at SFC, Kota, India
- Dehydration Reactor feed Heater B-110B (4.59 Gcal/Hr)
- Dehydration Reactor feed Heater B-110A
- Primary Reformer for 14,500 MTPY Hydrogen Plant at HPCL, Mumbai, India (through ITT-Kirchner Italia)



Recent revamp jobs by Esteem

Job Title	Client	Brief Scope	Year	Service
Replacement of E3203 Mixed Feed Superheat Coil	IFFCO, Aonla, UP	Replacement of entire coil including ITS, ETS	2014	Steam
Revamp of LRVPS Heater	HPCL, Mumbai	New Convection Section, Lifting of heater by 1m. Replacement of radiant tubes and shell	2014	Crude
Revamp of Hot Oil Heater	IOCL - Bongaigaon Refinery	Replacement of Convection Coil and Refractory	2013	Hot Oil
Revamp of Heater B-110B	India Glycols Ltd., Kashipur	Replacement of leaking BFW Coils	2012	Reactor feed
Revamp of Heater B-110	India Glycols Ltd., Kashipur	Detail Engineering and Replacment of Radiant and Convection panels and refractory, skin thermocouples, ETSs, portion of stack	2012	Reactor feed
APH and Duct Revamp	Numaligarh Refinery Ltd.	Revamp of Cast APH, Ducting, Expansion joints and emergency vent of Hydrogen reformer FG circuit incl. detail engineering	2012	HGU

Consulting and related jobs

Job Title	Client	Brief Scope
Project management and Erection Consultancy	TCI Sanmar Chemicals S.A.E, South Port Said, Egypt	Erection supervision and consultancy for erection of new Heater
Expert services	Numaligarh Refinery Ltd.	Performance of APH
Consultancy Service for failure analysis of BOD-2AA	Chemplast Sanmar Ltd.	Analysis of reasons of failure of components of Heater BOD-2AA
Consultancy services for investigating reasons for premature failure of RE-4C furnace coil at Chemplast Sanmar Ltd. Mettur Dam and suggesting remedial measures.	Chemplast Sanmar Ltd.	Consultancy services for investigating reasons for premature failure of RE-4C furnace coil at Chemplast Sanmar Ltd. Mettur Dam and suggesting remedial measures.

Details of some recently executed jobs



Name of Job:	LRVPS Heater
Client:	HPCL, Mumbai
Consultant:	EIL
Heat Duty:	27 MMkcal/hr
Tonnage:	230 MT
Supplied as:	4 nos. complete convection modules (13m long) were supplied from our Baddi works Ducting supplied in pre-fabricated form









Name of Job:	Regeneration Gas Heater
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Client:	BCPL
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Consultant:	EIL
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Heat Duty:	5.37 MMkcal/hr
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Tonnage:	100MT
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Supplied as:	Complete Modules
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Modular Fabrication of Vertical Cylindrical Heater at Esteem, Baddi works

Stack: Fabricated in two modules. Dispatched duly refractory lined and dried out.

Platforms: Fabricated in ready to install panels.

Convection Section : Fabricated in two completely built modules including duly hydrotested coil and dried-out refractory.

Radiant Coil (Fabricated in four hairpins)

Radiant Shell (Fabricated in three petals)

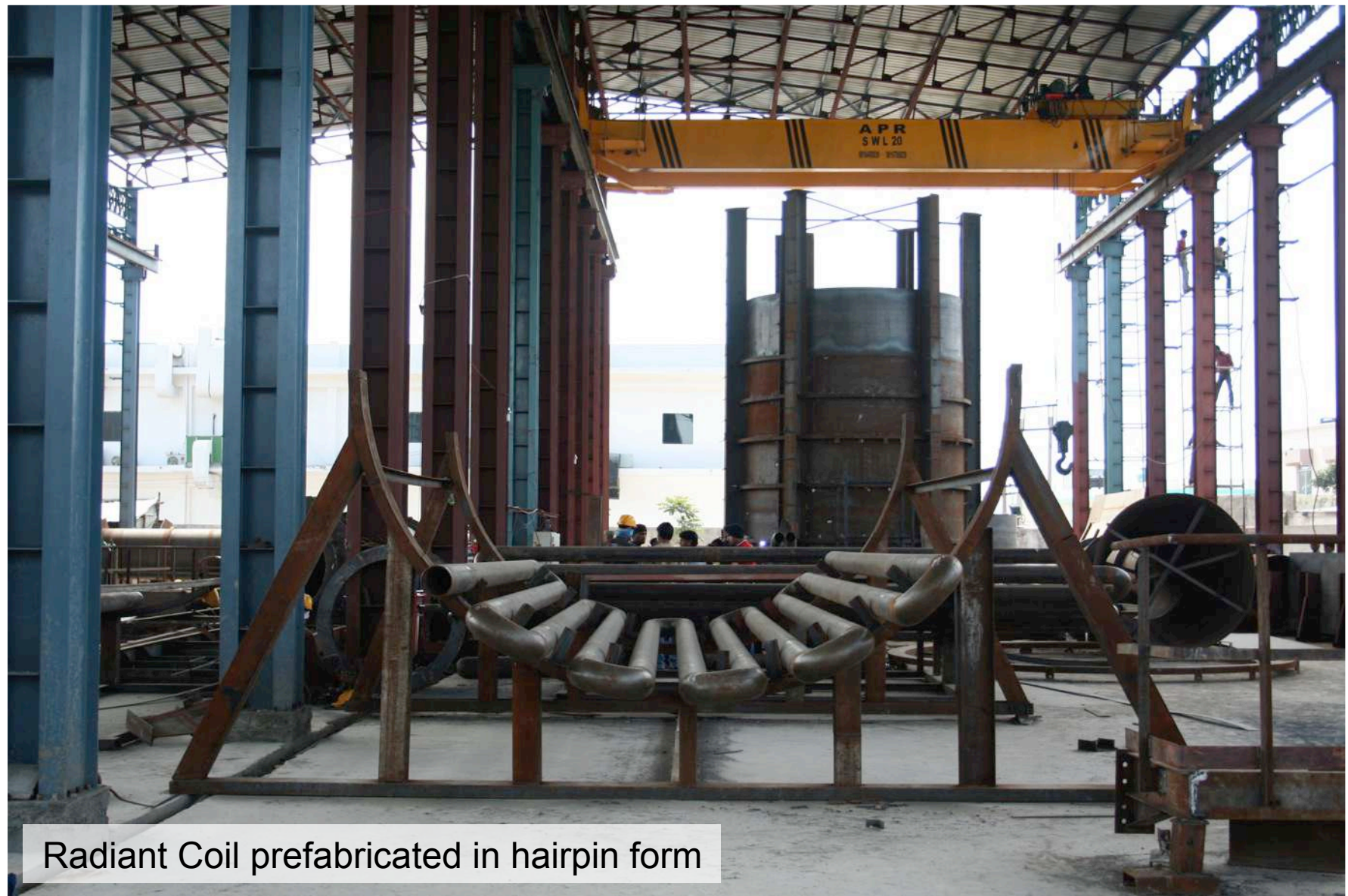




Complete Radiant Section in assembled condition



Radiant Shell Petals dismantled for painting and dispatch



Radiant Coil prefabricated in hairpin form

Refractory lined conv. panels



Prefabricated Conv. Coil



Dried-out refractory



Conv. modules post-dryout





Module being loaded onto trailer

Convection modules ready for dispatch



Convection modules in assembled condition



Stack under fabrication

Complete stack after refractory dry-out
(with damper installed)



Circular Radiant Platforms
under fabrication



Convection Platforms under
fabrication



Name of Job:	Naptha Cracking Furnaces
Client:	BCPL
Consultant:	EIL
Heat Duty:	39 Mmkcal/hr x 4
Tonnage:	1525 MT (725 MT supplied from Baddi)
Supplied as:	Panels

Box Heater Fabricated at Esteem, Baddi works



Radiant Walls

Radiant Floor

Transition Sections

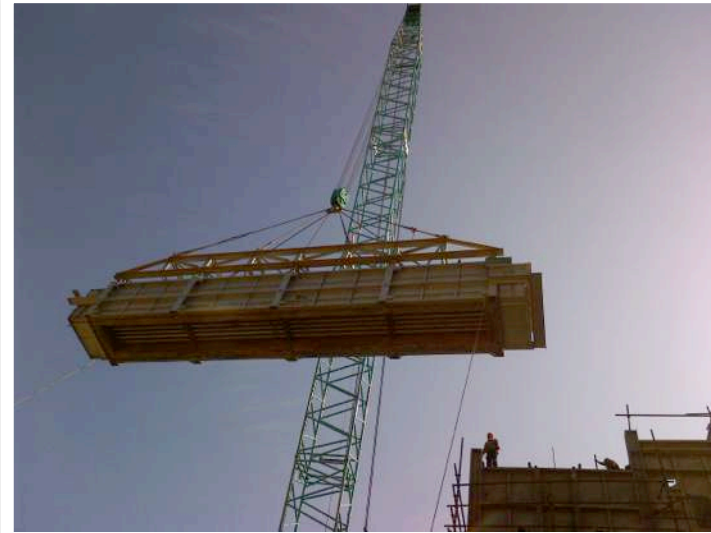
Radiant Arch

Stacks

Various panels for BCPL Cracker Furnaces



Erection of convection modules



Weight : 55 MT
Length : 7.6 m
Width : 2.3 m
Height : 2.5 m

Erection supervision and construction management for heater at TCI, Egypt



Designed by Born
Heaters, Canada

Erection supervision by
Esteem

Radiant:

$L = 13 \text{ m}$

$B = 5 \text{ m}$

$H = 8.1 \text{ m}$



Modular Fabrication of VC Heater for IGL, Kashipur

Convection section fabricated and erected in three modules



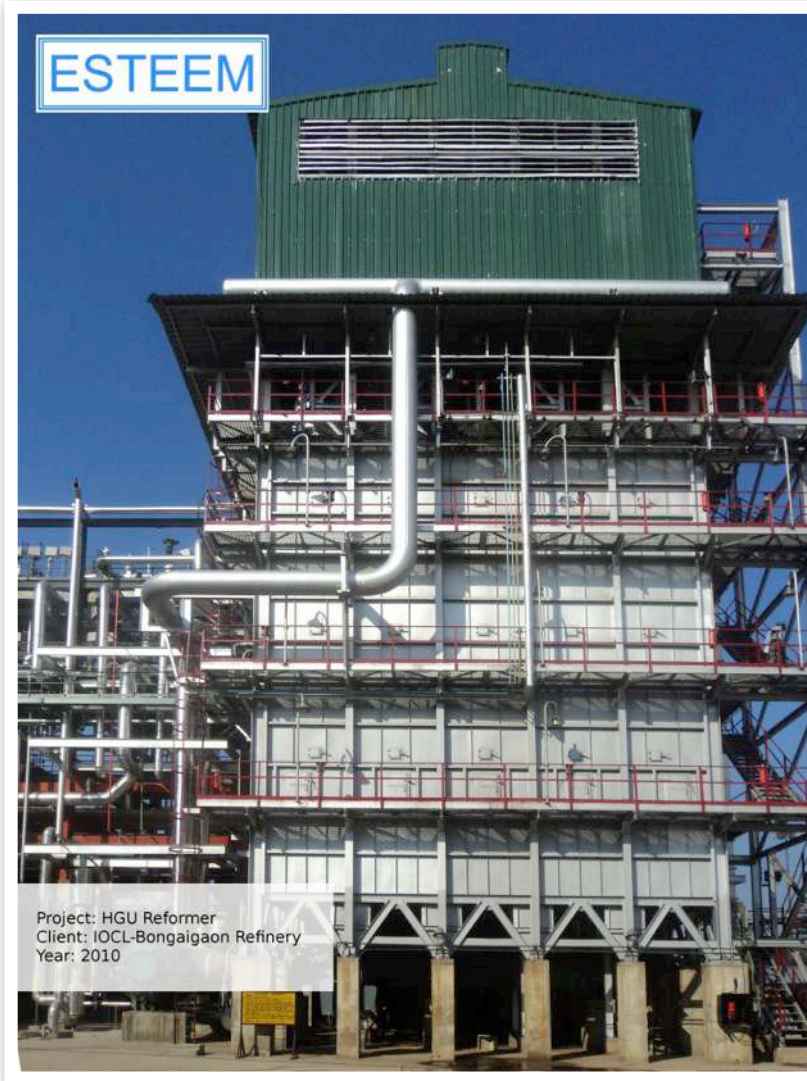
Modular Fabrication of VC Heater for IGL, Kashipur



Stack fabricated in two modules complete with platforms and ladders



HGU Reformer for IOCL-BGR



DHDT Heater for IOCL-BGR



DCU-1 Revamp at IOCL-BGR – Please see separate presentation specific to heater revamp



Modular Fabrication of DCU Heater for IOCL-BGR

Prefabricated
convection
modules complete
with ITS and ETS



Modular Fabrication of DCU Heater for IOCL-BGR

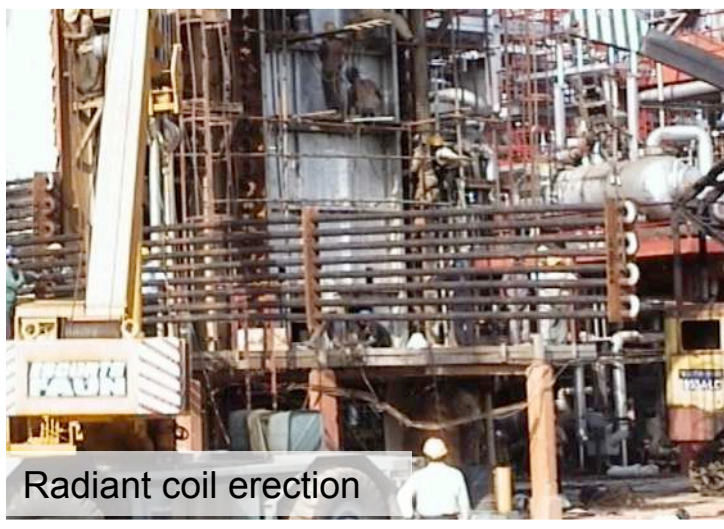
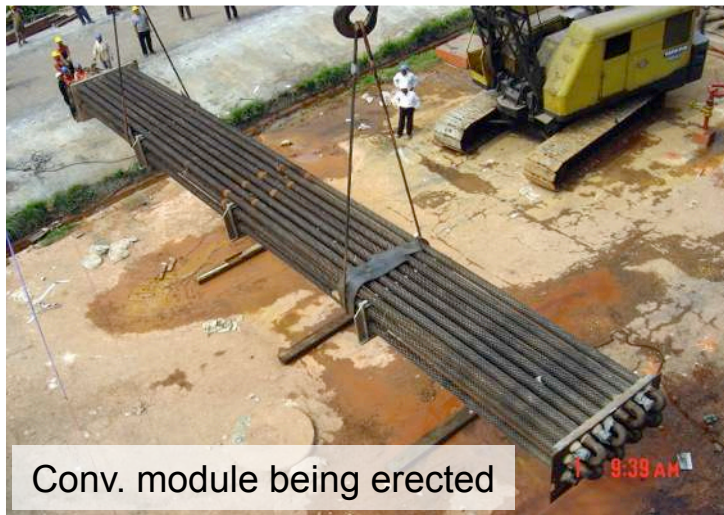


Pre-fabrication of Radiant Coils



Radiant Coil modules ready for erection

Modular Fabrication of DCU Heater for IOCL-BGR



Modular Construction

- ✓ The most frequent application of modular construction is the convection section of a fired heater or heat recovery unit. This comprises of the convection coils (bare + finned/ studded tubes) with associated bends, fittings & flanges, end and intermediate tube sheets, refractory and casing with structural members. Modular construction can be executed to any level, even to complete heaters, with platforms, burners, piping, duct work and instrumentation installed, keeping in view transportation & handling limitations.

- ✓ Main Advantages include:
 - ✓ Better quality due to controlled shop environment
 - ✓ Reduced site activities
 - ✓ Cost/ time advantages

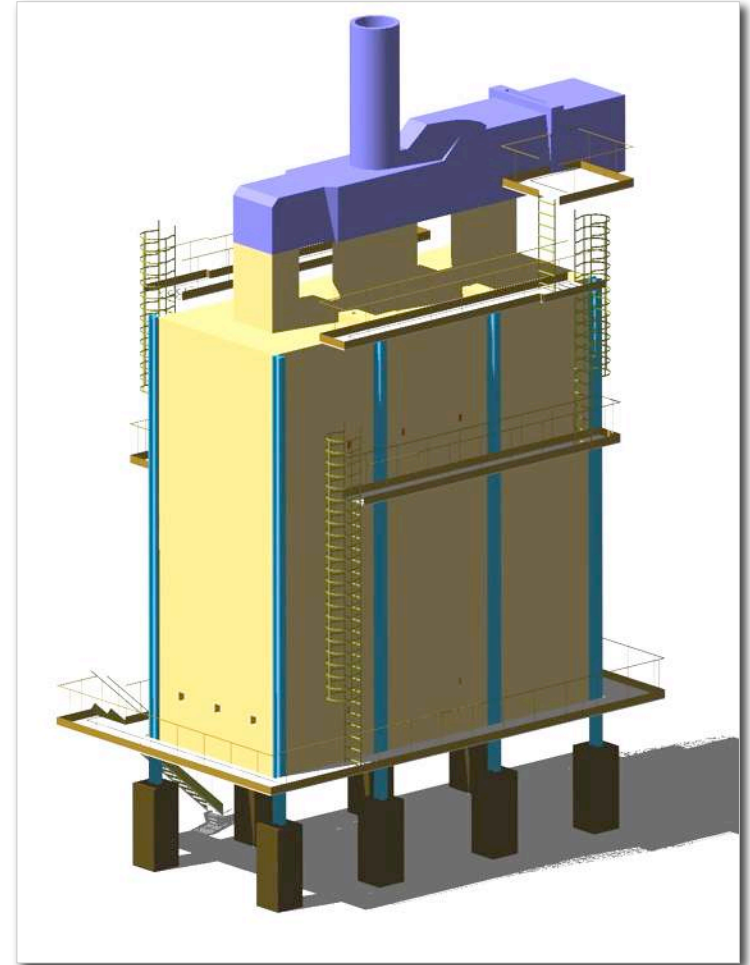
Design for modular construction

- ✓ Modular construction activity starts with design phase itself
- ✓ Points to keep in mind include:
 - ✓ Structural integrity of modules
 - ✓ Design for ease of transportation
 - ✓ Design for ease of erection
 - ✓ Design for easy interface between parts/ modules
 - ✓ Ensuring completeness of module in all respects to reduce site activities

Specifics for Fired Heater Modularization

Factors to consider

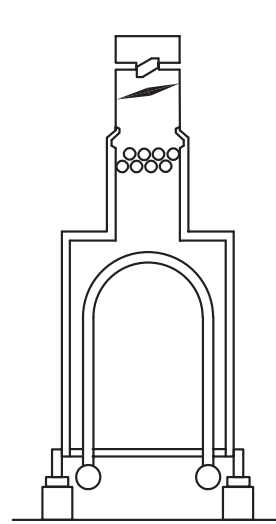
- ✓ Configuration & Type
- ✓ Dimensions
- ✓ Weight
- ✓ Refractory Type
- ✓ Other Factors
 - ✓ External Piping and Ducting
 - ✓ Stack



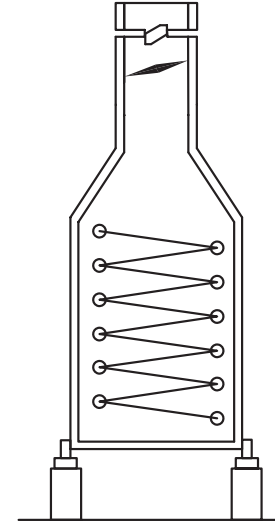
Specifics for Fired Heater Modularization

Configuration & Type

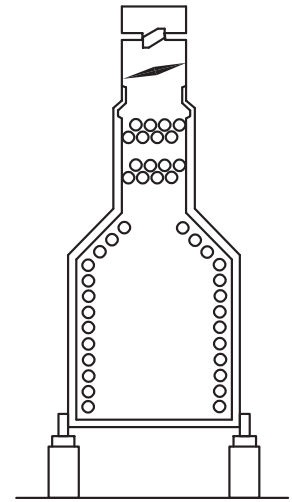
- ✓ Radiant Structure
 - ✓ Box
 - ✓ Double Box
 - ✓ Vertical Cylindrical
- ✓ Convection
 - ✓ Top mounted/ ground mounted
- ✓ Stack
 - ✓ Top mounted/ ground mounted
- ✓ APH?
- ✓ Fans and other equipment?



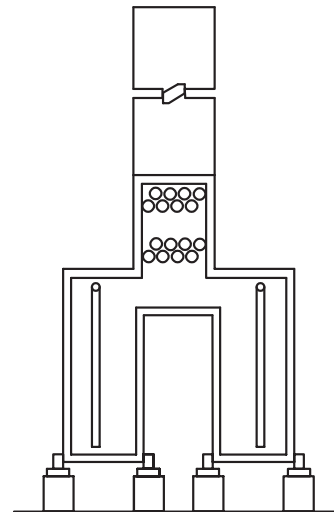
a) Box heater with arbor coil



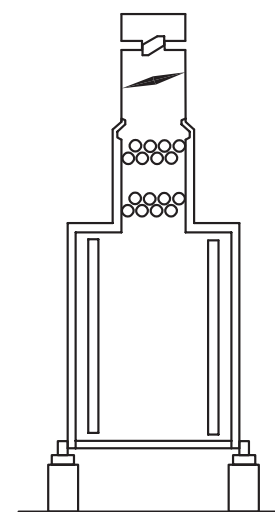
b) Cylindrical heater with helical coil



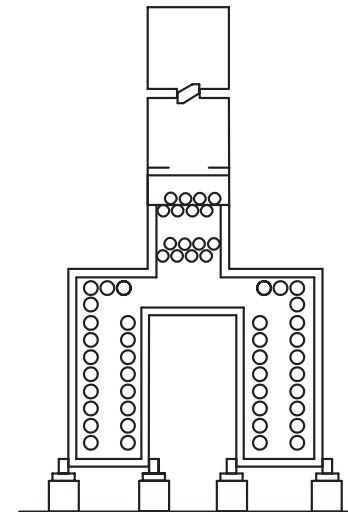
c) Cabin heater with horizontal tube coil



d) Box heater with vertical tube coil



e) Cylindrical heater with vertical coil



f) Box heater with horizontal tube coil

Radiant Coil Type

Horizontal

- Delayed Coker
- EDC Cracking
- Hydrocracker
- Vacuum
- Hydrocracker
- Hydrotreater Charge
- Reboilers

Vertical Tube Box

- Steam reforming
- Ammonia
- Hydrogen
- Methanol
- Ethylene Cracking
- Hydrocracker

Arbor

- Catalytic Reforming
- Aromatics

Vertical Cylindrical

- Crude
- Vacuum
- Atmospheric
- Hot Oil
- Regeneration
- Most services...

Modularization

- For wall mounted configuration, entire Radiant can be sent as a single module
- Alternatively, coils can be transported in hairpins

- Entire Radiant can be dispatched in refractory lined condition or in panels
- Coils can be dispatched in pre-fabricated bundles ready for field installation.

- Coils can be supplied in arbors welded to manifolds for shipment and quick installation.

- These are well suited for modularization
- Can be dispatched as complete radiant, or
- Petals of shell and Coil Segments

Specifics for Fired Heater Modularization

Dimensions and Weight

- ✓ Heaters can be dispatched in single piece modules having weight around 500-600MT.
- ✓ Complete convection modules can be dispatched (refractory lined and coils hydrotested)
- ✓ Larger heater radiant sections can be dispatched in duly painted panels (with or without refractory).
- ✓ Rough correlation with heater heat duty:
 - ✓ < 10MM Kcal – Complete heater can be dispatched in a single piece including platforms, instrumentation, etc. Only items left will be stack and equipment like fans, etc.
 - ✓ 10-40 MM Kcal – Radiant and Convection can be dispatched in one or more modules
 - ✓ > 40 MM Kcal – Radiant Section can be dispatched from our works in modules / panels and assembled at the port. Convection section can be dispatched in modules having module to module bolted connections.

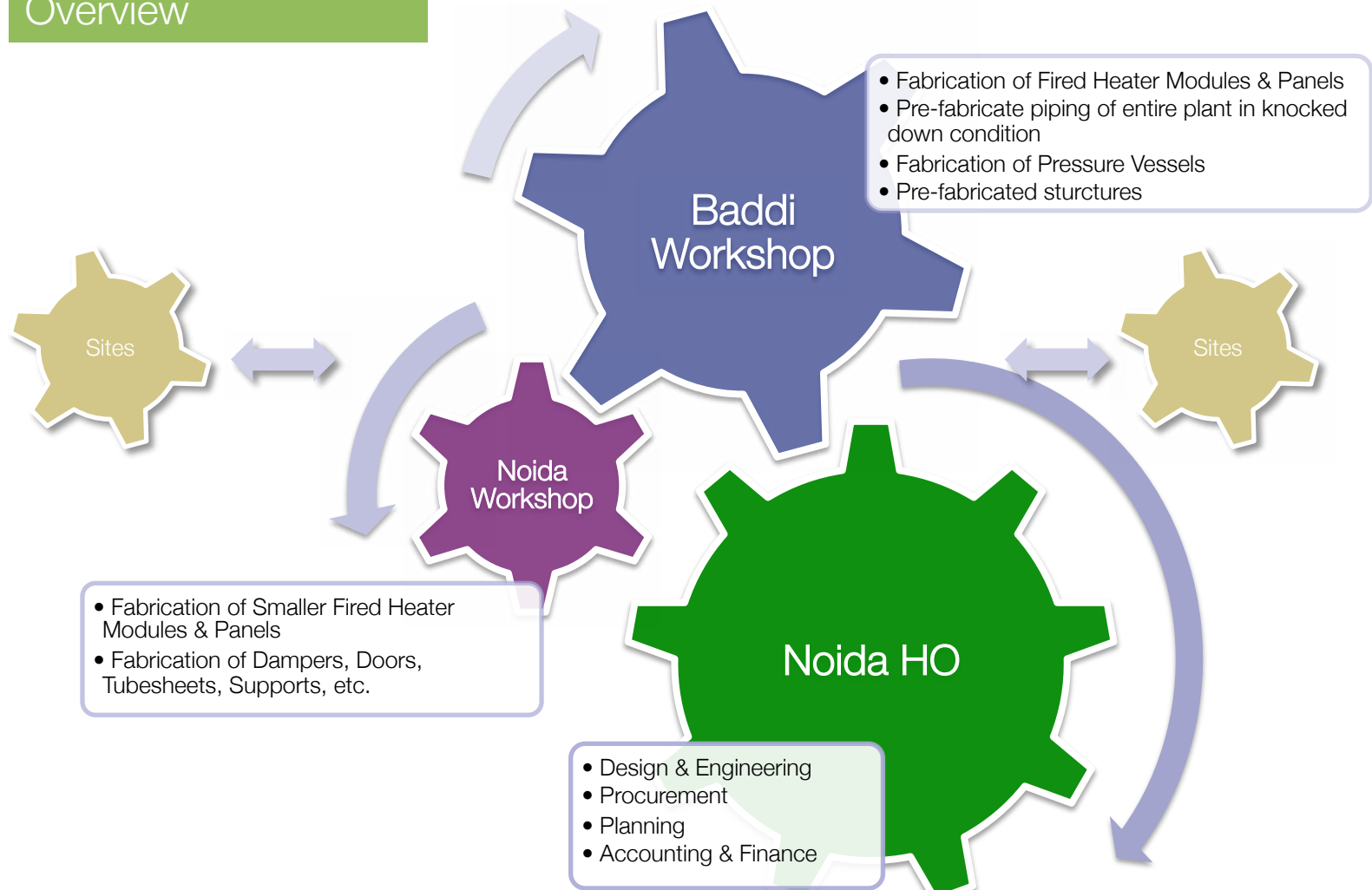
Specifics for Fired Heater Modularization

Refractory

- ✓ Ceramic Fibre blanket and module lining is most conducive for heater modularization due to its low weight and good support arrangement.
 - ✓ CF lining can be applied both in shop fabricated modules and/ or panels before dispatch.
- ✓ Sections having castable lining are also dispatched duly refractory lined from workshop. Castable lining needs to be pre-dried out at shop before dispatch.
- ✓ Brick lining is generally not preferred to be installed and dispatched from shop.
- ✓ For site assembly in the form of panels/ modules, modularization needs to be factored-in in the refractory design also. Joints and interfaces need to be designed for ease of installation of good performance.

Facilities

Overview



Our Delhi office has been shifted to Noida. The old office premises shall be retained for correspondence and future requirements.

PEOPLE



We are what our people are. At Esteem, our people are of paramount importance.

The company lays special emphasis on training and overall development of its employees. They are provided with regular training and workshops to keep them updated with the latest trends in the industry.

Our rigorous recruitment process ensures best talent is selected.

Esteem provides equal employment opportunity.

Facilities

Baddi Workshop

- ✓ Fully equipped workshop specifically for Fired heaters and related components
- ✓ ~ 70,000 Sq. ft total area (6500 Sq. m)
- ✓ Two bays of 246 ft x 50 ft (75m x 15m) each
- ✓ Covered module fabrication area available : ~ 24,220 Sq. ft (2250 sq.m)
- ✓ Each bay has one EOT crane of 20MT (Additional two planned)
- ✓ Loading facility of upto 120 MT planned
- ✓ External crane available upto 300MT
- ✓ Complete gamut of fabrication facilities available in-house
- ✓ In-house surface preparation and painting facility
- ✓ Company has approved welding procedures for almost all commonly used metallurgy in Fired heaters.
- ✓ Easy and clear access for transportation of large modules and over dimension cargo
- ✓ Currently the maximum size of single module that can be fabricated at our Baddi works is:
14.5 x 14.5 x 70 m of 100 MT (However, the supplies are limited by transportation constraints)
- ✓ Further assembly can be done near port to form larger modules as per barge size limitations

Facilities

Baddi Workshop

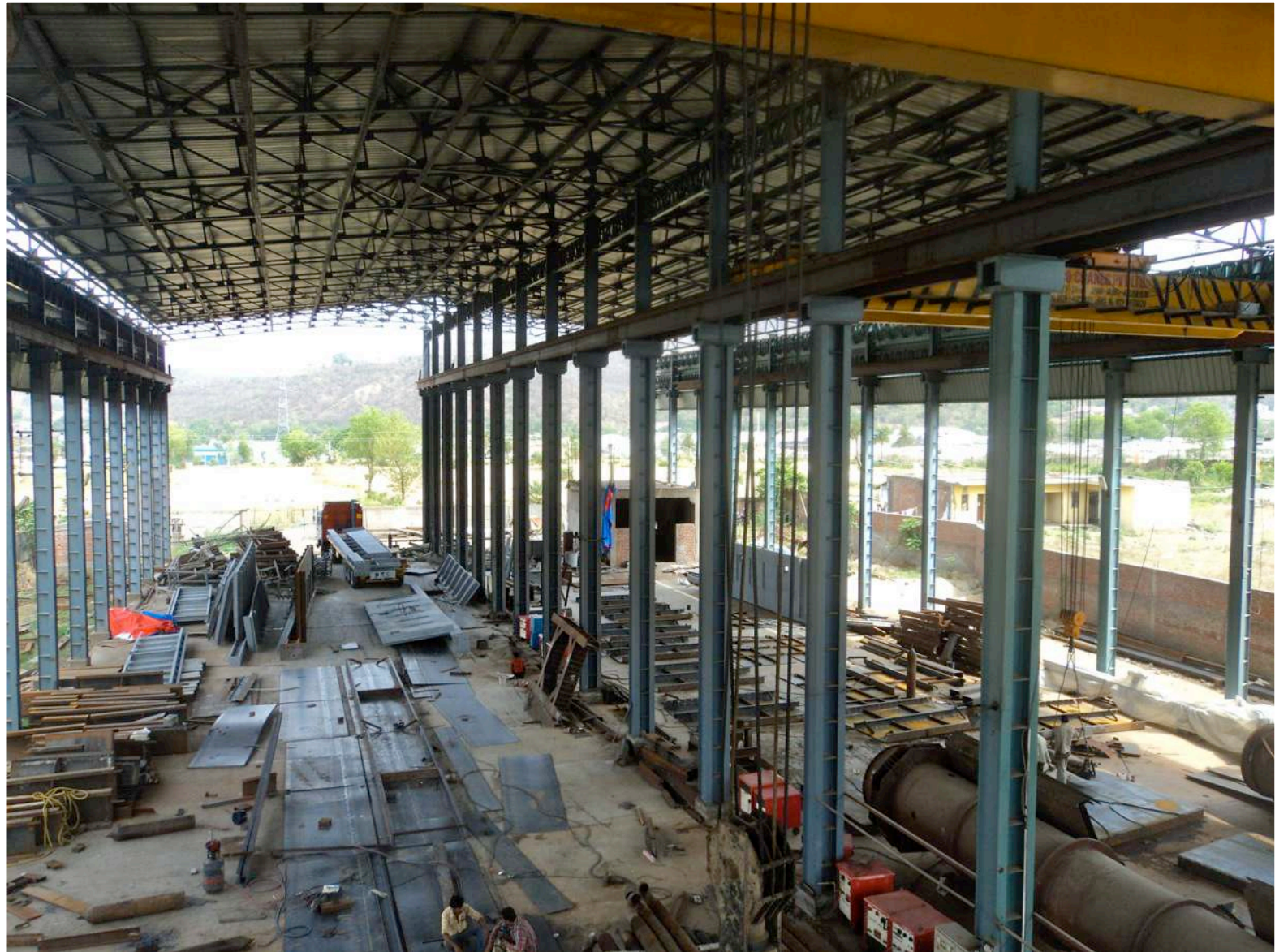
Prefabricated plant piping and skid mounted equipment

By using 3D modeling and markup techniques, we can design the plant/ unit piping in a modular fashion. Pre-fabricated pipe spools can be shipped from workshop complete after NDT and hydrotest.

Pre-fabricated piping helps in achieving:

- better quality due to controlled shop atmosphere
- shorter time schedule
- reduction in site activities
- lower costs

Our workshop has facilities for fabrication and supply of equipment skids complete with all instruments and accessories. These skids can be designed based on transportation requirements and suitable site splices locations can be provided.







Facilities

Noida Workshop

- ✓ Fully equipped workshop specifically for smaller fired heaters modules and components
- ✓ ~ 8,611 Sq. ft total area (800 Sq. m)
- ✓ Covered fabrication area available : ~ 3,500 Sq. ft (325 sq.m)
- ✓ EOT crane of 25MT
- ✓ Max size for single piece convection module : 3.5m x 3.0m x 20m weighing upto 25MT
- ✓ Complete gamut of fabrication facilities available in-house
- ✓ In-house surface preparation and painting facility
- ✓ Easy and clear access for transportation of modules and over dimensional cargo
- ✓ Orders executed include:
 - ✓ Complete Ketene Cracking furnace for Jubilant Life Sciences Ltd., Nira
 - ✓ Complete Ketene Cracking furnace for Laxmi Organic Industries Ltd., Mahad
 - ✓ High criticality dampers for IOCL-BGR



VC heater Shell plates being fabricated at our Noida works



Damper with 99.5% sealing at 900°C
design temp – for IOCL, BGR



Ventillation Air dampers for HGU
Reformer at IOCL-BGR



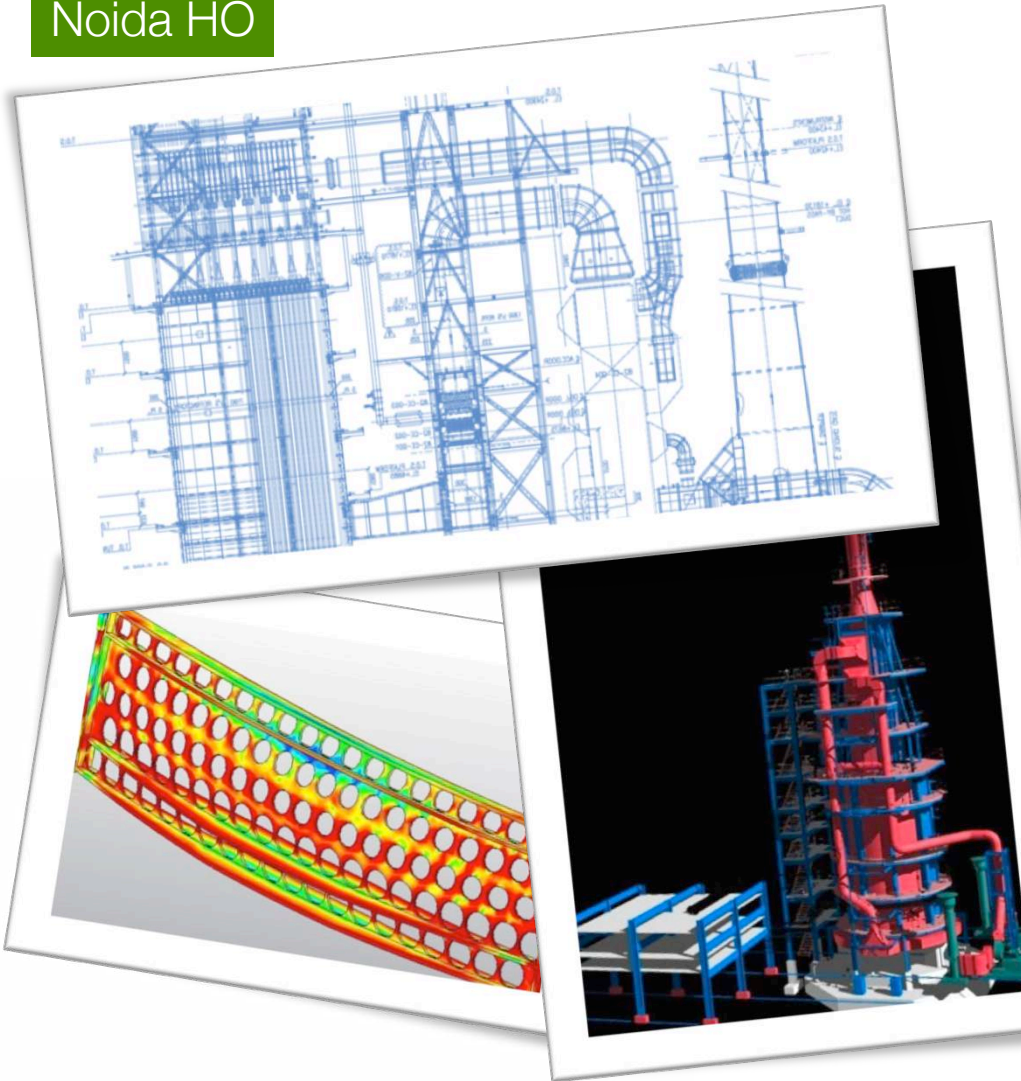
Cast access doors for heater



Cast peep doors for heater

Facilities

Noida HO



Design / Drawing Related Software Available

Autocad 2010

Autodesk Revit Structure 2010

Autodesk Structural Detailer 2010

Graitec Advance Steel 2014

STAAD Pro

StruMIS

EasyCFD

OpenFOAM + Code Saturne

Hardware Facilities

Central File Server with fine grained access control

Centralized hourly data snapshots

Redundant storage and power supplies

Online Backup

In-house plotting facility

Latest Thinkcenter Workstations

Gigabit LAN

VPN connection

Data Protection



At Esteem, control of Client/ Consultant'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. Redundant disks for storage with redundant power supplies provide added data safety.

Facilities

Noida HO

- ✓ All design, detailing, procurement, planning and accounting related activities are performed from our Noida office
- ✓ 7000 Sq. ft of fully equipped design office
- ✓ Latest software & hardware facilities
- ✓ Licensed software available 3D modeling, detailing, structural design, CFD, FEA
- ✓ Company owns licenses for ERP specific for Fabrication Industry. The software provides end-to-end data integration from modelling -> procurement -> material management -> Fabrication
- ✓ Own building with complete power backup and redundant 24 hr internet connectivity

Facilities

Near Port

- ✓ We have an arrangement with a major clearing and forwarding company at Kandla port for dispatch of modules.
- ✓ Cranes & Axles for handling of heavy modules are available on hire.
- ✓ The company has long experience of handling heavy modules at port.
- ✓ This firm has handled many ODC jobs at Kandla port
- ✓ They have handled and dispatched cargo as large as 40 x 8 x 8 m of around 550 MT

Module Logistics

Location	Length (m)	Width (m)	Height (m)	Weight (MT)
Baddi Works	70	14.5	14.0	100
Inland Transportation to Kandla port	30	5	6	200/ 500
Handling at Kandla port	24	15	20.5	~ 600

Notes:

1. For inland transportation, single shipment weight above 200MT would require special permissions from authorities.
2. These are approximate values as on date.

Facilities

Near Port



Facilities

Near Port



Why choose Esteem?

✓ Dedicated to quality

Own workshop for entire heater manufacturing including coils, structure, painting and refractory.

✓ Knowledge

We are proud to have a team having unmatched experience in fabrication of Fired Heaters. Due to company's sole focus on Fired Heaters, our people have been trained in the intricacies of Fired heater fabrication.

- We know what impact an air tight firebox has on heater performance
- We know the codes (IS, ASME, IBR etc.)
- We know about welding and heat treatment like few others
- Dependent on design/service, **we manufacture heaters for a run-life of approx 8 yrs**

✓ Economical

Competent pricing. Low overheads. Quick Action.

- HGU Reformer
- DCU Revamp
- Naptha Crackers

Esteem has 100% winning rate for EIL tenders for Fired Heaters where we have bid.

✓ Ability to work in difficult environment

- Executed major jobs in Assam
- Recently successfully completed supervision of site erection of fired heater in Egypt



Our Major Clients



Words of Appreciation

Revamp of RE2C at Chemplast Sanmar

From: pjlr1@sanmargroup.com
Subject: Revamping
Date: 18 June 2013 12:18 pm
To: Esteem Projects Pvt. Ltd. epl@esteemprojects.com
Cc: Singh, Gurinder gurinder@esteemprojects.com, Oberoi M S msoberoi@esteemprojects.com, Singh, T. tanveer@esteemprojects.com
Bcc:

Mr. Gurcharan Singh,
 I appreciate your team has done a good job for the furnaces coil replacing.
 Especially I appreciate Bhavesh Yadav who had involved the jobs in
 depth, good planning and good follow up. Because of his good forecasting and
 planning almost most of the jobs done in time and finally RE2C completed
 with in very shortest period. He is an Good and growing knowledgeable
 Engineer.

Also people who have done with out any injury is also appreciable for
 taking care of safety by each and every one.

regards
 P. James Johnson Rajamani

RE2C completed within very
 shortest period

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बोंगाईगाँव रिफाइनरी एण्ड
पेट्रोकेमिकल्स लिमिटेड

पंजीकृत कार्यालय : धालीगाँव- 783385

जिला : चिरांग, असम (भारत)



(इंडियन ऑयल की समूह कम्पनी)
(A group company of IndianOil)

BONGAIGAON REFINERY &
PETROCHEMICALS LIMITED

Regd. Office : Dhaligaon-783 385

Dist. : Chirang, Assam, India

AN ISO - 9001, ISO-14001 & OHSAS - 18001 CERTIFIED COMPANY

Date: May 04, 2007

TO WHOM IT MAY CONCERN

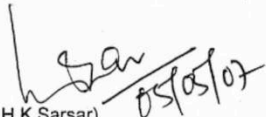
This is to certify that M/s Esteem Projects Pvt. Ltd., New Delhi has successfully completed the Phase – II revamp of DCU-1 Heater (23.76 million kilocalories/Hr heat duty) at BRPL, Dhaligaon..

Brief details of activities completed by party against our order no 17513321 dtd 02/01/2007 are as below:

1. Complete replacement of convection section
 - a. Casing including painting
 - b. Coils (88 tubes) including fabrication, installation testing & getting IBR approval for Steam Super Heater coils.
 - c. Refractory.
2. Complete replacement of Radiant section
 - a. Casing including painting.
 - b. Coils (120 tubes-T5 & T9 grade)
 - c. Replacement of radiant brick lining with ceramic fiber module lining.
3. Supply & installation of self closing sight doors with VF block & pyrex glass.
4. Installation of 48 numbers new low NOx burners & modification of burner piping to suit new burners
5. Supply of 58% Al. bricks and installation of bridge walls.

The entire job was meticulously planned & executed during shut down period of thirty five days.

We appreciate their professional approach and good quality workmanship during execution of this critical job.


(H K Sarsar)
Dy General Manager (Maintenance)

एच.के. सारसर / H K SARSAR
उप महाप्रबन्धक (अवस्थापन) / DGM (Maint.)
बोंगाईगाँव रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड
Bongaigaon Refinery & Petrochemicals Ltd.
धालीगाँव / Dhaligaon / चिरांग / Chirang
असम / ASSAM - 783 385

Words of Appreciation

Revamp of DCU-1 PH-II at IOCL-BGR

The entire job was meticulously planned & executed during shutdown period of thirty five days

Words of Appreciation



Date: 26.09.2006

M/s Esteem Projects Pvt. Ltd.
202-203, Prakash Trade Center
B-30, Subhash Chowk
Laxmi Nagar
Delhi - 110 092

Dear Mr. Singh,

This is to place on records that the work related to following assemblies has been completed to our fullest satisfaction within specified time and cost frame.

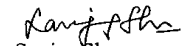
- Steam Naptha coil
- NG Preheater
- Inlet header assembly
- catalyst tube flange assemblies

The material of construction on aforesaid components was ASTM A 335 P22 Alloy, SS 321 H and SS304 H.

The professional approach and the technical competence displayed the team was appreciable.

We wish all the success in their future endeavors and would like to get associated with them, should there be an opportunity.

Best Regards,


Sanjay Sharma
Group Manager (Project Engg.)
DCM Shriram Consolidated Ltd.
Kota-324007
09829231223

The professional approach and the technical competence displayed by the team was appreciable.

Words of Appreciation



INDIA GLYCOLS LTD.

MADE BY

DATE 11/12/2001



IGL	JHA	Esteem	ABB
Mr. M.K. Rao	Mr. A.S. Rajpoot	Mr. Gurecharya	Mr. Dinesh
Mr. A.K. Mitra			Mr. Sanjeev
Mr. K.K. Lal			Mr. Ranjiv
Mr. Sanjeev Gool			Mr. Suresh
B.P. Singh			

1. Representative of m/s. ABB visited site on 10/12/2001.

2. OBSERVATION OF ABB:

- NO major/minor flaws in construction of heater.
- Quality of job and refractory is satisfactory.
- Requirement of wind barrier to be checked by JHA.

3. ABB has to give common Hydrotest pressure for coils and heaters to IGL/JHA.

(Dinesh Mangain) ABB LUMMUS	(A.S. Rajpoot) A.S. RAJPOOT PR. JACOBS H&S	(B.P. Singh) B.P. SINGH - JHA
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No major/ minor flaws in construction of heater.

Words of Appreciation



CHEMPLAST SANMAR LIMITED
PVC DIVISION

METTUR DAM

April 5, 2001

M/s.Esteem Projects Pvt.Ltd.,
Prakash Trading Centre,
NEW DELHI

Sub: Revamp of EDC cracking Furnace RE-1C

This is to certify that M/s.Esteem Projects Pvt.Ltd., have taken up
revamp of the EDC cracking Furnace RE-1C and completed the job in
scheduled time. The performance is satisfactory.

Completed the job in scheduled time. The
performance is satisfactory.

Regards,

N.SIVAKUMAR
VICE PRESIDENT

PLANT-II, RAMAN NAGAR, METTUR DAM – 536 403, SALEM DISTRICT, TAMILNADU, INDIA
PHONE: (04298) 31982, 31983 CABLE: CHEMPLAST FAX: +91 (04298) 31986
(REGD OFFICE: 8, CATHEDRAL ROAD, CHENNAI – 600 086)

Words of Appreciation



**National Organic Chemical
Industries Limited**

Petrochemicals Division
Thane-Belapur Road,
Post Box 14, Ghansoli P. O.
Navi Mumbai-400 701, Maharashtra.
Tel. : 769 2461, 769 2471;
Fax : 022 769 2048

Date : 19th October, 2000

To : Whomsoever it may concern

Sub : Revamp of Convection Coil of cracker furnace by M/S Esteem Projects Pvt Ltd.

This is to certify that M/S Esteem Projects Pvt Ltd has successfully completed replacement of "Naphtha Preheater Coil " of our cracker furnace. This critical job has been completed ahead of schedule. We are satisfied with the quality of their work, so also professional approach and dedication displayed by the team.

We congratulate them for this success and wish that they accomplish similar achievements in future jobs.

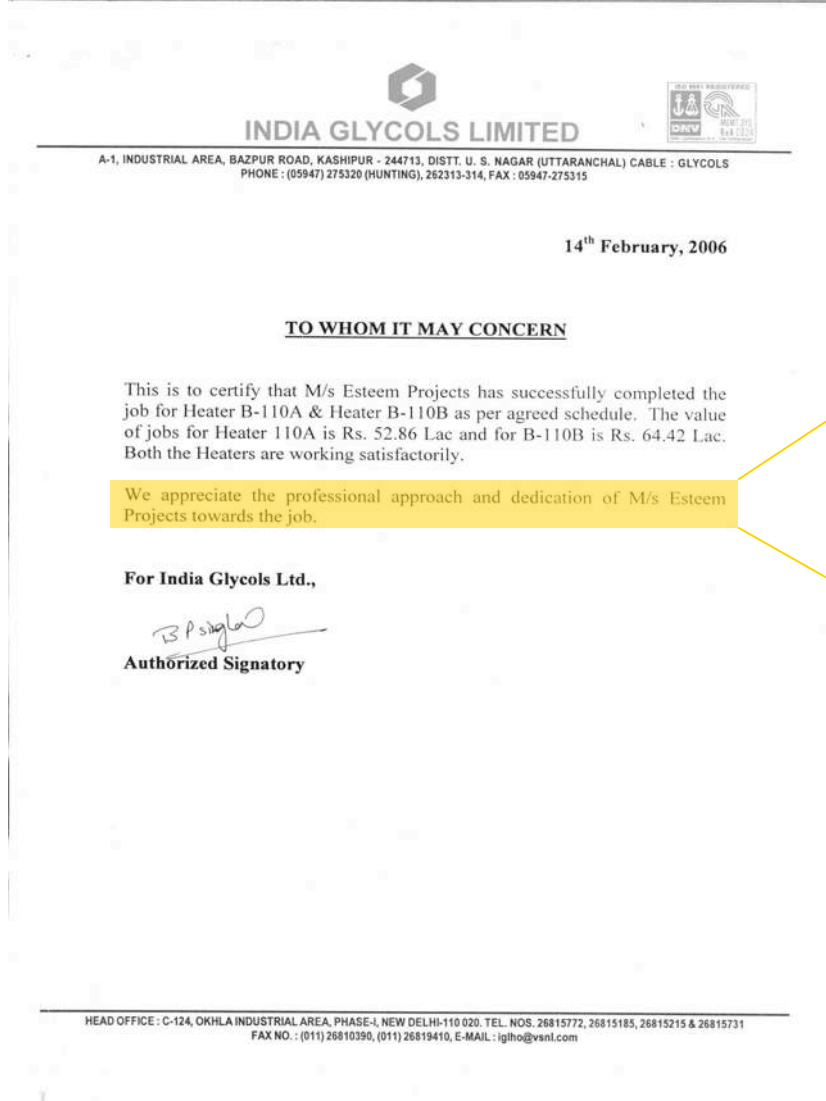
S.M. Kathuria
DGM- Maintenance

The critical job has been completed ahead of schedule. We are satisfied with the quality of work, and also professional approach and dedication displayed by the team.

Regd. Office : Mafatlal Chambers 'B', N.M. Joshi Marg, Lower Parel, Mumbai-400 013. Tel. : 301 6566 Fax : 301 6570



Words of Appreciation



We appreciate the professional approach and dedication of M/s Esteem Projects towards the job.

Words of Appreciation

Esteem Projects Pvt. Ltd., Delhi-92, Phone: 091 11 22043491/ 92

4/1/06 4:25 PM

Subject: Re: Reformer Package for DHDS Project
From: "V V Nagada" <VVNAGADA@hpcl.co.in>
Date: Fri, 17 Feb 2006 11:16:15 +0530
To: <epl@esteemprojects.com>

TO WHOMSOEVER IT MAY CONCERN

Reformer Package for DHDS Project is working satisfactory since March 27, 2000. Till today we are not having any problem.

||| "Esteem Projects Pvt. Ltd." <epl@esteemprojects.com> 02/16/06 8:57 pm >>>

Dear Sir,

We are negotiating a fired heater revamp job with BRPL for which we have given reference of subject job done by us at your refinery.

Kindly confirm by return mail that Reformer Furnace worked with out any problem for one year after commissioning.

Best Regards,

G C Singh
 Esteem Projects Pvt. Ltd.,

Reformer Package for DHDS Project is working satisfactory since March 27, 2000. Till today we are not having any problem.



Thanks for your attention!

Esteem Projects Pvt. Ltd.,

Address: B-39, Sector-67, Noida, UP – 201301, India

Ph: 0120 6491904/05/06

Email: epl@esteemprojects.com

Web.: www.esteemprojects.com