

Chemical Processing Industry (C.P.I.) Applications Overview



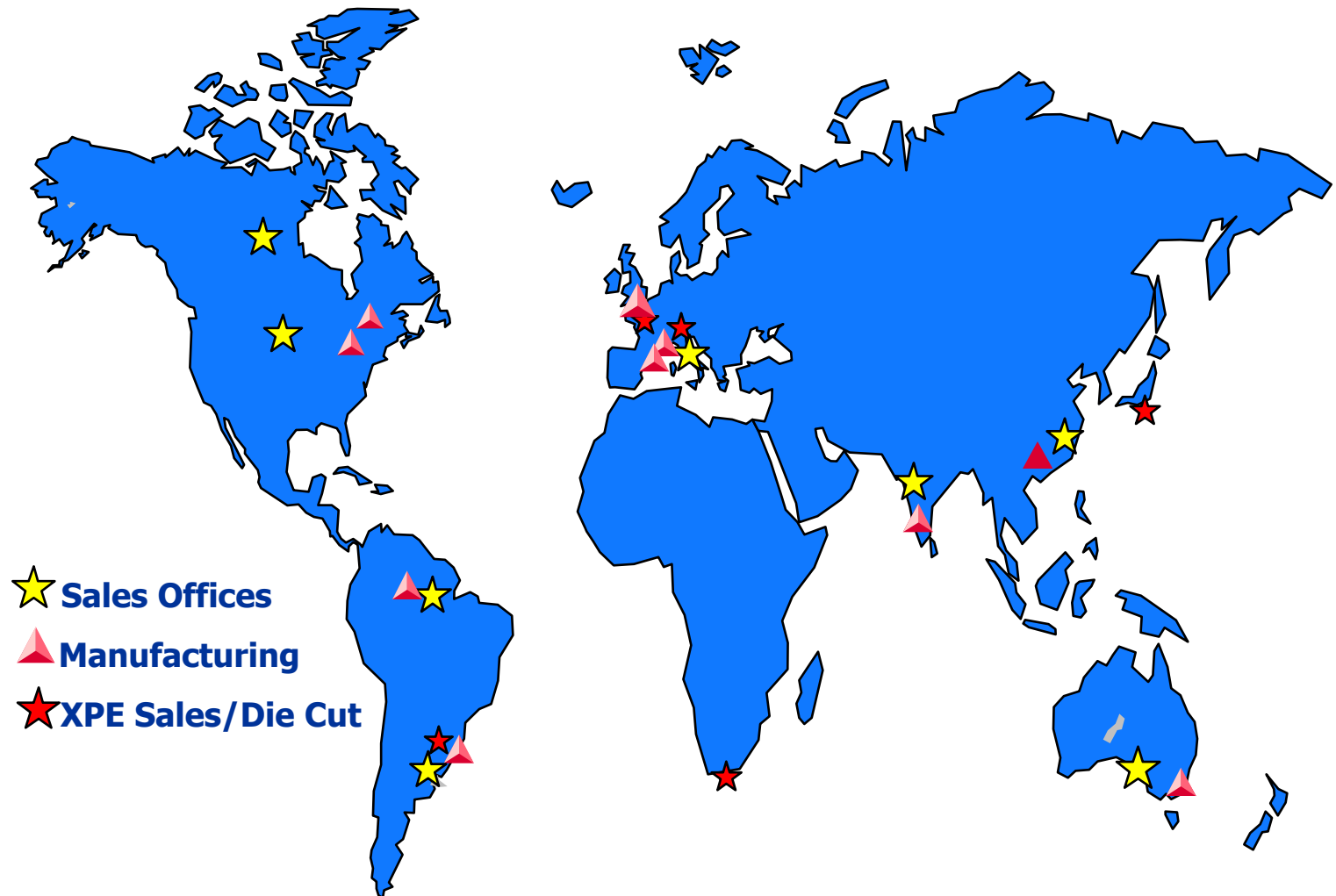
Overview

- ❑ Benefits of Unifrax
- ❑ International Locations
- ❑ Worldwide Engineering Capability
- ❑ CPI Applications
- ❑ Blanket Anchor Details
- ❑ Module Anchor Details
- ❑ Technical - Product Chemistries
- ❑ Energy Saving

Benefits of Unifrax

- ❑ Leading producer of high temperature Insulating products
- ❑ Innovative energy saving solutions
- ❑ Manufacturing and sales presence worldwide
- ❑ High quality products
- ❑ Full package capabilities
- ❑ Industry experience for more than 60 years

International Locations

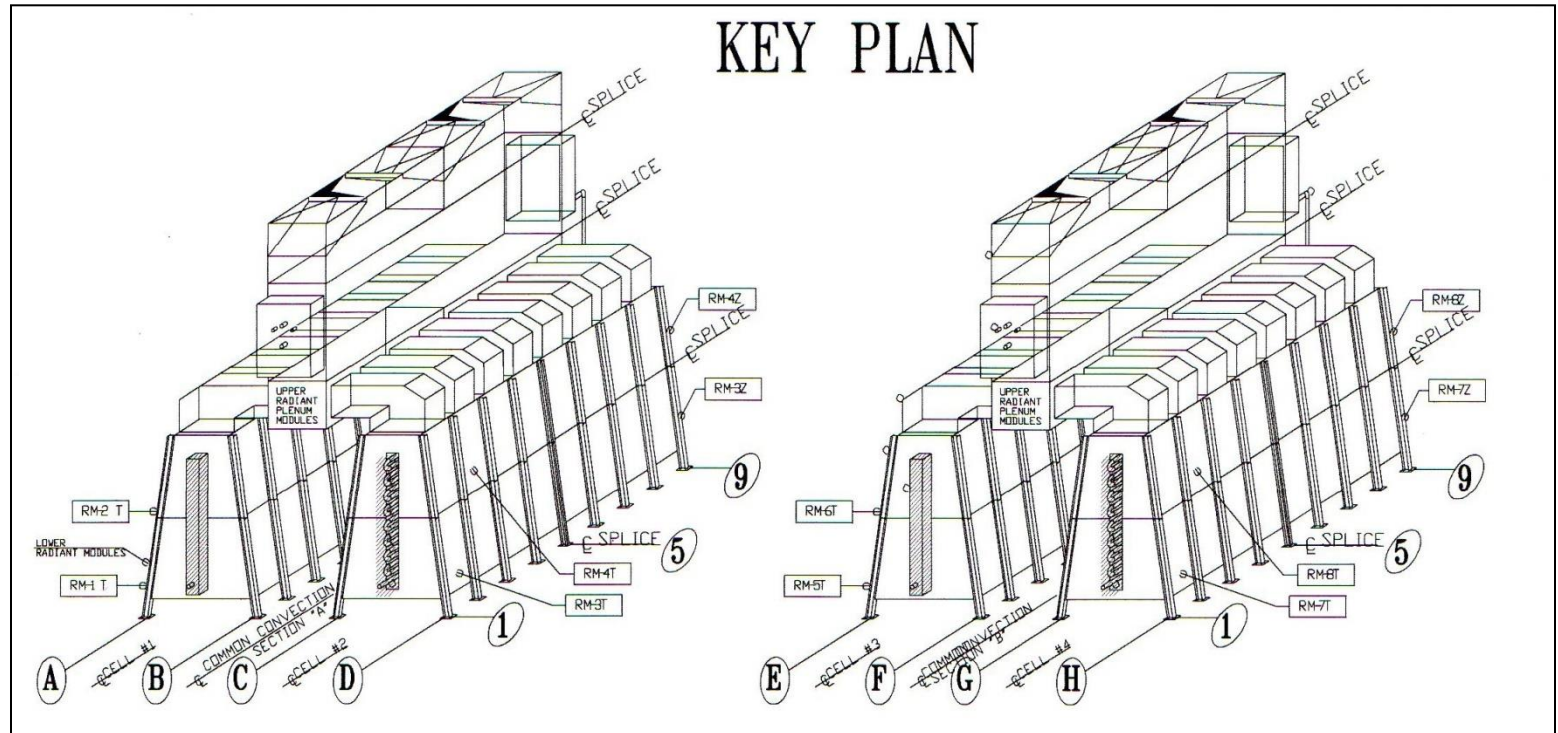


Worldwide Engineering

	North America	Europe	Australia	Brazil	China	India
Application / Sales Engineers	X	X	X	X	X	X
Drawings	X	X	X	X		X
Supervision	X	X		X		X
Installation				X		
Turnkey Package	X	X		X		X

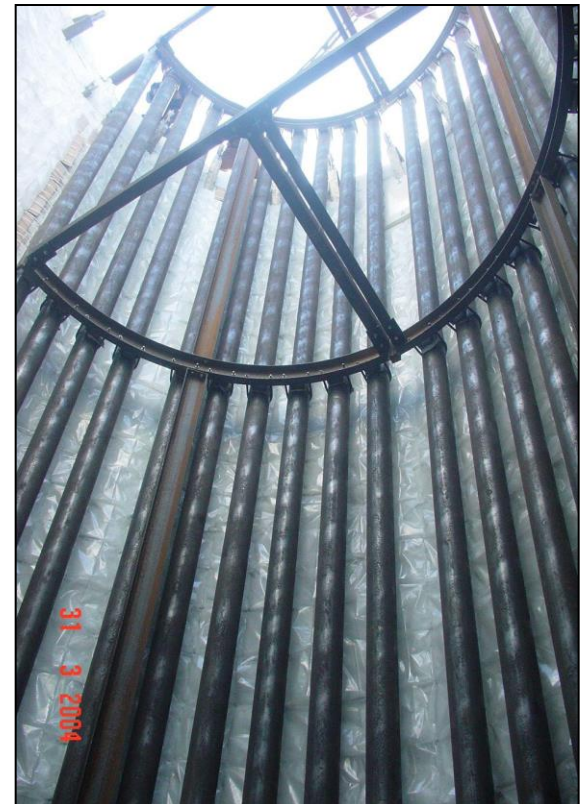
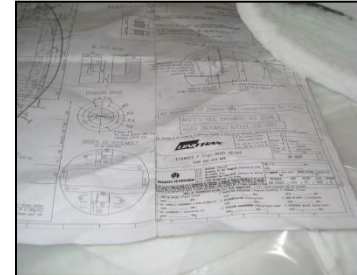
Applications - Blankets

Coker Heater - Two double cells heaters lined with layered blanket system



Applications - Modules

Distillation Heater -Insulfrax blanket back-up lining and two layers of stainless steel vapour barrier, 1900 Isofrax Prismo-Block modules.

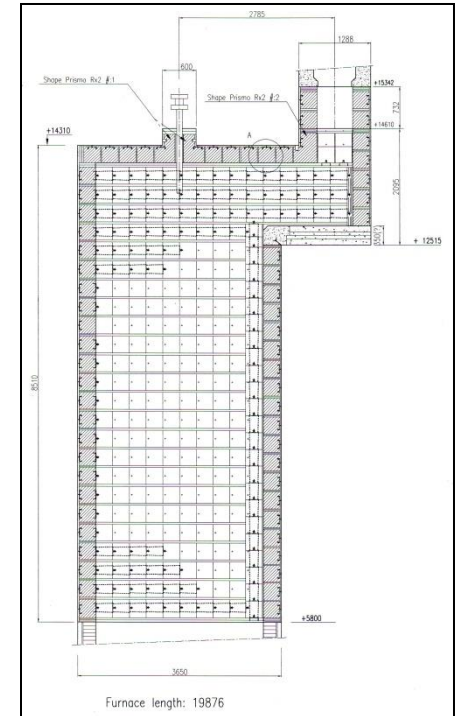


Applications - Modules

Steam Cracker Ethylene Heater

5100 Fiberfrax Prismo-Blocks RX2 standard size modules together with some special shaped modules.

42 Fiberfrax Rigiiform Z vacuum formed peep-holes were provided for the walls.

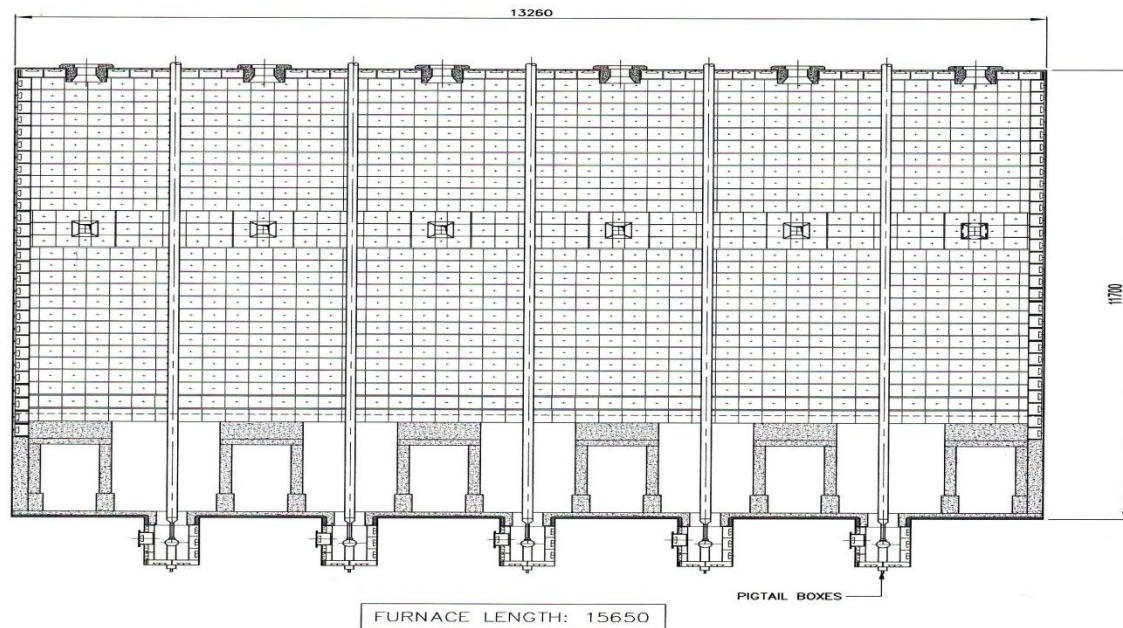


Applications - Modules

Ammonia Primary Reformer

Full engineering installation drawings completed and supplied by Unifrax technical office.

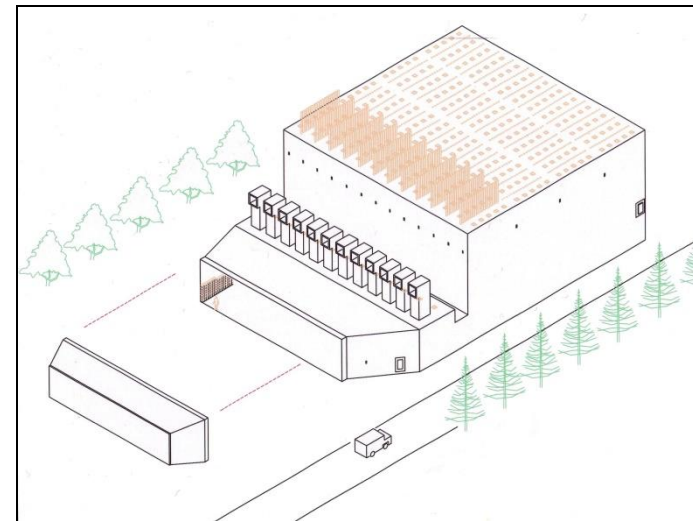
11200 x Fiberfrax Z Prismo-Block standard size modules with special shaped modules installed.



Applications - Modules

Methanol Reformer - Unifrax manufactured and supplied 32,700 x Fiberfrax Prismo-Blocks modules for a reformer, representing 140 tons of ceramic fibre.

Located at a world leader in the manufacture and sale of methanol. M5000 is the largest methanol plant in the world. (46m long, 17.2m wide & 14.2m high). The sketch details the sheer magnitude of the furnace.



Product Summary

Layered system



Modules



Isofoam/Foamfrax



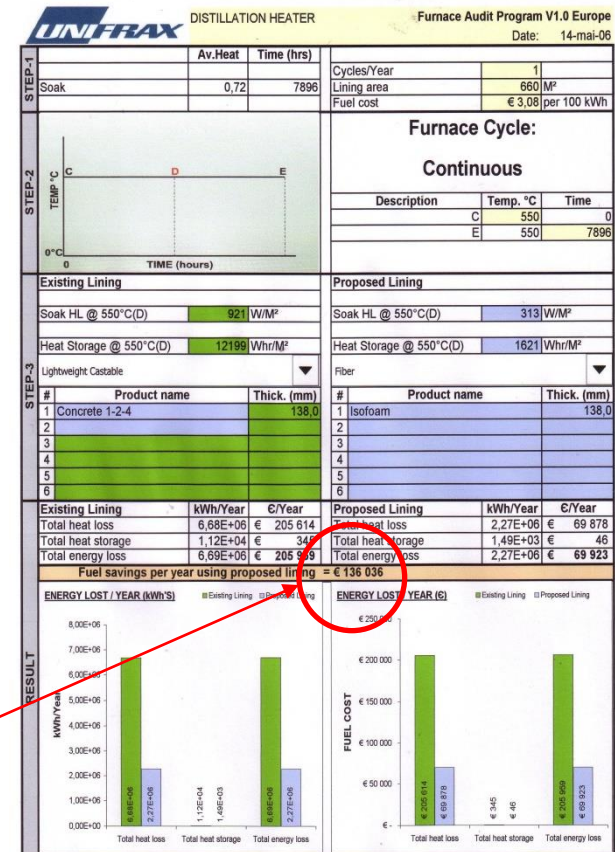
Energy Saving

Unifrax can offer customers, an energy saving audit.

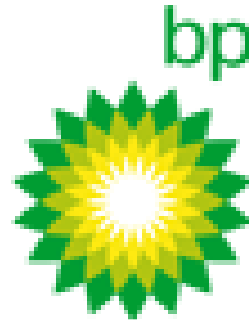
Following an audit your Unifrax engineer can carryout a simple energy saving calculation.

Unifrax high temperature fibre insulation offers the customer excellent thermal management characteristics.

Significant Fuel Savings



References



Reference lists available on request

Any Questions?

