

Project: Fired heater energy recovery improvement
Montreal, (Quebec), Canada

Client: Coastal

Project description:

The COASTAL petrochemical plant wanted to improve the energy recovery of three of the fired heaters within their xylene isomerisation plant in Montreal

Ultragen's process team was mandated for this study. The required modifications on these three furnaces to achieve a higher energy recovery at low capital costs were identified. A second convection bank was installed on one of the three heaters. The study also highlighted the need to add two new rows in the convection bank of the remaining two fired heaters.

Ultragen's dedicated multidisciplinary team was responsible for the design of the new fired heaters, the coordination with the client and with the contracted bidders, and the coordination of installation and start-up activities.



Petrochemical

Year of realization : 2001
Project value : 1 M\$

Services offered by Ultragen :

- Process simulation of the Fired Heaters
- Equipment design and sizing
- Management of the calls for tenders
- Project management
- Construction management

T +1 (450) 650-0770
F +1 (450) 650-0780
www.ultragen.com

50, Rue de Lauzon, 2nd floor, Boucherville
(Quebec) Canada, J4B 1E6