

KTI Korea PROJECT PICTURES



Dec. 2021

Crude Heater

- **Project : 36580 No.5 CDU Project**
- **Client : Chiyoda, Japan**
- **End User : Yukong Limited, Korea**
- **Project Period : 1995 ~ 1996**
- **New Crude heater with APH and EP system**



Vacuum Heater

- **Project : CITGO New Crude & Vacuum Furnaces Project**
- **Client : Fluor, US**
- **End User : CITGO, US**
- **Project Period : 2002 ~ 2003**
- **New two (2) Vacuum heaters**



CCR

- **Project : KJ1002 GS Caltex No.1 CCR Revamp Project**
- **Client : GS E&C, Korea**
- **End User : GS Caltex, Korea**
- **Project Period : May, 2007 ~ June, 2007**
- **Installation of New Interheater to existing CCR Platforming Process Unit**
- **Installation of New Reactor Charge Heater**



CCR

- Project : CCR Heater Debottleneck Project
- Client : Jacobs
- End User : Flint Hills Refining/Koch, TX
- Project Period : 2003 ~ 2004
- Revamp UOP Platformer



Coker Heater

- **Project : KJ1041 Needle Coke Project**
- **Client : NFK, Japan**
- **End User : Posco Chemtech, Korea**
- **Project Period : November, 2012 ~ November, 2013**
- **New two (2) coker heaters with fan**



Coker Heater

- **Project : New coker heaters**
- **Client : Bechtel, US**
- **End User : Exxon, US**
- **Project Period : 2000 ~ 2001**
- **New four (4) delayed coker heaters with APH system**



Hydrogen Reformer

- **Project : PDVSA RPLC Project**
- **Client : HDEC, Korea**
- **End User : PDVSA, Venezuela**
- **Project Period : 2014 ~ 2015**
- **New two (2) Steam Methane Reformer**



Ethylene Cracking Furnaces

- Project : BP Ethylene Cracking Furnace Project
- End User : BP, TX
- New Cracking Furnaces



EDC Cracking Furnaces

- **Project : Oxymar EDC Cracking Furnace Project**
- **Client : Bechtel, US**
- **End User : OxyMar, US**
- **Project Period : 1988 ~ 1989**
- **New four (4) EDC Cracking Furnaces**



Hot Oil Heater

- **Project : KJ1043 TGEM Project**
- **Client : Hyundai Engineering, Korea**
- **End User : Petronas Carigali, Turkmenistan**
- **Project Period : August, 2013 ~ June, 2014**
- **New two (2) hot oil heaters with purge fan**



Reactor Charge Heater

- **Project : KJ1021
SKEC PTTAR Clean
Fuel Project**
- **Client : SK
Engineering, Korea**
- **End User : PTTAR,
Thailand**
- **Project Period :
November, 2009 ~
November, 2010**
- **New reactor charge
heater**



HTS Heater (Heat Transfer Salt)

- Project : KJ1032 Daesan MMA Project
- Client : HDEC, Korea
- End User : Daesan MMA, Korea
- Project Period : July, 2011 ~ March, 2012
- New helical coil heater



OTSG (Once Through Steam Generator)

- **Project : KT018960 Husky Sunrise Phase 1 – CPF Project**
- **Client : Snamprogetti, Canada**
- **End User : Husky Oil Operations Limited**
- **Project Period : December, 2010 ~ July, 2012**
- **New ten (10) OTSGs**



ADDING APH to Natural Draft Heater

- Project : KJ1026 MTPX Revamp Project
- Client : GS Caltex, Korea
- End User : GS Caltex, Korea
- Project Period : July, 2011 ~ November 2011
- Adding APH system to existing heaters



APH Replacement (From Cast Type to Plate Type)

- **Project : HDO APH Replacement Project**
- **Client : Hyundai Oilbank, Korea**
- **End User : Hyundai Oilbank, Korea**
- **Project Period : December, 2012 ~ May 2013**
- **Replacing existing cast type APH to plate type APH**



Heater Replacement (Naphtha Kero Splitter Heater)

- **Project : GS Caltex Heater Replacement Project**
- **Client : GS Caltex, Korea**
- **End User : GS Caltex, Korea**
- **Project Period : July, 2011 ~ November 2011**
- **Replacing the heater with new one**



Coil Replacement

- **Project : KJ1006 DIC
Petron BTX Revamp**
- **Client : Daelim
Industrial, Korea**
- **End User : Petron
Corporation,
Philippines**
- **Project Period : April,
2007 ~ January 2008**
- **Replacing radiant coil,
burner, support & duct,
etc.**



Burner Replacement

- **Project : KJ1009-10**
Qingdao Lidong Chemical Revamp
- **Client : GS E&C, Korea**
- **End User : Qingdao Lidong Chemical, China**
- **Project Period : March, 2013 ~ November 2013**
- **Replacing refractory, burner, support, etc.**



Tube Support Replacement

- **Project : KJ1009-10
Qingdao Lidong Chemical
Revamp**
- **Client : GS E&C, Korea**
- **End User : Qingdao Lidong
Chemical, China**
- **Project Period : March,
2013 ~ November 2013**
- **Replacing refractory,
burner, support, etc.**



Refractory Replacement

- **Project : KJ1009-10
Qingdao Lidong Chemical
Revamp**
- **Client : GS E&C, Korea**
- **End User : Qingdao Lidong
Chemical, China**
- **Project Period : March,
2013 ~ November 2013**
- **Replacing refractory,
burner, support, etc.**



Adding Future Rows

- Project : KJ1012 No.2
CDU De-bottlenecking
- Client : GS Caltex, Korea
- End User : GS Caltex,
Korea
- Project Period :
December, 2007 ~ August
2008
- Adding two future rows in
convection
- Adding sootblowers



Adding Sootblowers

- Project : KJ1012 No.2
CDU De-bottlenecking
- Client : GS Caltex, Korea
- End User : GS Caltex,
Korea
- Project Period :
December, 2007 ~ August
2008
- Adding two future rows in
convection
- Adding sootblowers

