

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Stack Revamp	-	EPC	~2021
SK Energy / Global Chemical / Lubricants	SK Energy / Global Chemical / Lubricants	Ulsan, Korea	21 Heaters - Ultra Low NOx Burner Revamp	-	EP	~2021
NIOEC	SEI / ODCC	Abadan Refinery, Iran	Stripper Reboiler Heater	3.93 MW	E	~2021
SK Energy	SK Energy	Ulsan, Korea	Stack Revamp	-	EPC	2020
ADISH Condensate Refinery	ADISH Condensate Refinery	ADISH Refinery, Iran	HDS Charge Heater / Stripper Reboiler Heater / Splitter Reboiler Heater	9.23 / 16.55 / 41.8 MW	EP	~2021
SK Energy	SK Energy	Ulsan, Korea	Ultra Low NOx Burner Revamp for No.5 CDU	-	EPC	2020
SK Global Chemical	SK Global Chemical	Ulsan, Korea	Ultra Low NOx Burner Revamp for No.2 PX	-	EPC	2020
Hyundai Oil	Hyundai Oil	Daesan, Korea	#2 PLT Heater Tube Revamp	-	EPC	2020
LG Chemical	LG Chemical	Yeosu, Korea	HDA Reactor Feed Heater	11.57 MMkcal/h	EPC	2020
ADISH Condensate Refinery	ADISH Condensate Refinery	ADISH Refinery, Iran	Charge Heater	39.88 MW	EP	~2021
SK Innovation	SK Global Chemical	Ulsan, Korea	Ultra Low NOx Burner Revamp for NEP furnace	-	EPC	~2021
Petron	Daelim	Port Dickson, Malaysia	Combined Feed Heater	25.69 MW	EP	2020
Abadan	ODCC	Abadan Refinery, Iran	CDU Heater VDU Heater	119.18 MW 61.91 MW	EP	2020
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Waste Heat Boiler Package	10.95 MMkcal/hr	EPC	2019
YNCC	Daelim	Yeosu, Korea	SM Steam Superheater	14.49 MMkcal/hr	EP	2019

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Petronas	Hyundai Engineering	Melaka, Malaysia	HDS Charge Heater	14.5 MW	EP	2019
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	VRHCR Tran 2 Revamp	-	EPC	2018
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	# 2 CCR Heater Revamp	94.5 MMkcal/hr	EPC	2018
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Xylene Heater Revamp	35.6 MMkcal/hr	EPC	2018
Hanwha Total	Hanwha E&C	Daesan, Korea	Hot Oil Heater	4.3 MMkcal/hr	EPC	2018
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Hot Flue Gas Duct Revamp	-	EPC	2017
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Reformer Pig Tail Revamp	-	EP	2017
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	# 2 BT Toluene Column Reboiler Heater Revamp Study	23.17 MMkcal/hr	E	2017
SK Energy	SK Energy	Ulsan, Korea	#5 CDU APH Replaement Revamp	151.84 MMkcal/hr	EPC	2017
Iran Chemical Industries Investment Company	SCT	Isfahan Complex, Iran	Charge Heater Startup Heater Hot Oil Heater	16 MMkcal/hr 2.83 MMkcal/hr 50.4 MMkcal/hr	EP	2019
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	# 2 CCR & Xylene Heater Revamp Study	64.51 MMkcal/hr	E	2016
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	HCR #150 Steam Section Revamp	17.69 / 22.46 MMkcal/hr	EP	2016
ILAM	EIED	Ilam, Iran	Reactor Heater Reactor Heater Stripper Reboiler Heater	1.642 MW 2.967 MW 2.419 MW	EP	2016
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	# 1 CCR Revamp	380.96 MMBtu/hr	EPC	2016
Refinery NZ	WorleyParsons	New Zealand	Crude Splitter Heater	3.41 MMBtu/hr	EP	2016
Wagra Joint Operation & Kuwait Gulf Oil Company	SKEC	Wafra, Kuwait	Desalter Heater / Recirculation Heater / Desalter Heater / Drying Tower Heater	50.75 / 85.01 / 34.87 / 53.79 MMBtu/hr	EP	2016
Petronass	Hyundai Engineering	Turkmenistan	Hot Oil Heater	102.43 MMBtu/hr	EP	2016
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	# 1 Platformer Heater Tube Revamp	-	EP	2015

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POSCO Chemtech	NFK	Gwangyang, Korea	Coking Heater	18.17 / 10.4 MMBtu/hr	EP	2014
SK Energy	SK Energy	Ulsan, Korea	Steam Super Heater	61.5 MMBtu/hr	EPC	2014
Hyundai Oil	Hyundai Oil	Daesan, Korea	APH Replacement Revamp	286.43 MMBtu/hr	EPC	2013
Sonatrach / Hess / Petronas	Hyundai Engineering	Bir el msana, Algeria	Crude Oil Heater	9.98 MMBtu/hr	EP	2013
PT.Pupuk Kaltim	Toyo Engineering	Bontang, Indonesia	Ammonia Plant Startup Heater	50.79 MMBtu/hr	EP	2013
Petro bras	Technip, Brazil	Sao Paulo, Brazil	Feed Heater	20.08 MMBtu/hr	EP	2012
Petro bras	Technip, Brazil	Sao Paulo, Brazil	Feed PreHeater (2 Nos.)	46.5 MMBtu/hr	EP	2012
Husky Oil	Snamprogetti	Canada	Once Through Steam Generator (OTSG) (10 Nos.)	272.9 MMBtu/hr	EP	2012
Daesan MMA	Hyundai Engineering	Yeosu, Korea	New HTS Feed Heaters	27.15 MMBtu/hr	EP	2012
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Wild Naptha Kero Splitter Heater	17.18 MMBtu/hr	EPC	2011
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Crude Charge Heater	127.82 / 95.64 MMBtu/hr	EPC	2011
Exxon Mobil / Worley Parsons	KTI USA	Altona, Australia	Crude Charge Heater	108.07 MMBtu/hr	EP	2011
Hyundai Oil	Hyundai Oil	Daesan, Korea	Reforming Furnace	374.52 MMBtu/hr	EPC	2011
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Reactor Charge Heater / Toluene Reboiler Heater	62.02 / 434.77 MMBtu/hr	EPC	2011
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	# 1 CCR Revamp	380.96 MMBtu/hr	EPC	2011
Qatar Petroleum	Petrofac	Qatar	Hot Oil Heater	144.84 MMBtu/hr	EP	2011
YPF	Technit	Argentina	Charge Heater	10.71 MMBtu/hr	EP	2011
YPF	Technit	Argentina	Charge Heater	33.1 MMBtu/hr	EP	2011
Petro bras	DELP	Rio De Janeiro, Brazil	Reactor Feed Heater	51.55 MMBtu/hr	EP	2011

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Petro bras	DELP	Rio De Janeiro, Brazil	Reactor Heater	18.61 MMBtu/hr	EP	2011
Petro bras	DELP	Rio De Janeiro, Brazil	Stripper Reboiler	12.66 MMBtu/hr	EP	2011
Gasco	Technip	UAE	Regeneration Gas Heater	13.89 MMBtu/hr	EP	2011
Chevron	Burns & McDonnell	USA	OTHRSG	65.66 MMBtu/hr	EP	2011
SATORP	Technip, Italy	Jubail, Saudi Arabia	DHC First Stage Furnace	85.32 MMBtu/hr	EP	2011
SATORP	Technip, Italy	Jubail, Saudi Arabia	DHC Second Stage Furnace	76.98 MMBtu/hr	EP	2011
SATORP	Technip, Italy	Jubail, Saudi Arabia	DHC Fractionator Feed Furnace	355.24 MMBtu/hr	EP	2011
SATORP	Technip, Italy	Jubail, Saudi Arabia	MHC First Stage Furnace	85.32 MMBtu/hr	EP	2011
SATORP	Technip, Italy	Jubail, Saudi Arabia	MHC Fractionator Feed Furnace	161.35 MMBtu/hr	EP	2011
SATORP	Technip, Italy	Jubail, Saudi Arabia	Feed Heater	76.43 MMBtu/hr	EP	2011
Refineria de Cartagena S.A.	CB&I	Colombia	CDHDS Reboiler Heater	29.405 MMBtu/hr	EP	2011
Refineria de Cartagena S.A.	CB&I	Colombia	Stripper Reboiler Heater (2 Nos.)	37.95 MMBtu/hr	EP	2011
Refineria de Cartagena S.A.	CB&I	Colombia	Charge Heater (2 Nos.)	21 MMBtu/hr	EP	2011
TOP	SKEC	Chonburi, Thailand	HDS Reactor Charge Heater	6.31 MMBtu/hr	EP	2010
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Reactor Charge Heater	14.48 MMBtu/hr	EPC	2010
Lidong Chemical	Lidong Chemical	Qingdao, China	Feed Charge Heater	26.63 MMBtu/hr	E	2010
PTTAR	SKEC	Thailand	HDS Reactor Heater	5.43 MMBtu/hr	EP	2010
PARCO	Hyundai Engineering	Pakistan	Combined Feed Heater	36.9 MMBtu/hr	EP	2010
SPC	Daelim	Al-Jubail, Saudi Arabia	Hot Oil Heater	17.1 MMBtu/hr	EP	2010
BAPCO	Samsung Engineering	Bahrain	FPS Feed Heater DW Reactor Feed Furnace Hot Oil Heater	29.05 MMBtu/hr 18.6 MMBtu/hr 20.64 MMBtu/hr	EP	2010

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Fort Hills	SNC	Sturgeon County, Alberta	MGO Stabilizer Feed Heater	68.9 MMBtu/hr	EP	2010
Fort Hills	SNC	Sturgeon County, Alberta	Reactor Feed Heater (2 No.)	2 @ 44.4 MMBtu/hr	EP	2010
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Crude Charge Heater	321.83 + 7.54 MMBtu/hr	EPC	2009
Eastman Chemicals	Mustang	Kingsport, Tennessee	Cracking Furnace	9.18 MMBtu/hr	EP	2009
NCP	DIC	Jubail, Saudi Arabia	Hot Oil Heater	17.06 MMBtu/hr	EP	2009
Shintech	Shin-etus	Addis, LA	Four EDC Crackers with SCR for 562,000 MTPY VCM Plant	4 @ 73.46 MMBtu/hr	EPC	2009
Shintech	Shin-etus	Addis, LA	One EDC Cracker with SCR for 562,000 MTPY VCM Plant	73.46 MMBtu/hr	EPC	2009
ConocoPhillips	Bechtel	Woodriver, IL	HDT Charge Heater	8.0 MMBtu/hr	EP	2009
ConocoPhillips	Bechtel	Woodriver, IL	Vacuum Heater with WHR	268.8 MMBtu/hr	EP	2009
ConocoPhillips	Bechtel	Woodriver, IL	Delayed Coker with Steam Generation (2 Nos.)	184.7 MMBtu/hr + 28.02 MMBtu/hr	EP	2009
Bechtel	KTI USA	Texas, USA	Fractionator Feed Furnace	309.8 MMBtu/hr (SSH) 8.72 MMBtu/hr	E	2008
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Crude Charge Heater	114.29 / 128.97 MMBtu/hr	EPC	2008
Daesan MMA	HEC	Daesan, Korea	New HTS Feed Heaters	27.15 MMBtu/hr	EP	2008
Shell	SKEC	Thailand	Residue Splitter Furnace	154 MMBtu/hr	EP	2008
Petrobras	---	Brazil	Steam Methane Reformer	50 MMSCR/day H2	EP	2008
BP	Fluor	Whiting, Indiana	Vacuum Tower Heater	2 @ 95.64 MMBtu/hr	EP	2008
BP	Fluor	Whiting, Indiana	Crude Heater	2 @ 292.4 MMBtu/hr	EP	2008

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Motiva	Jacobs	Port Arthur	Fractionator Feed Heater	318.52 MMBtu/hr	EP	2008
Motiva	Bechtel	Port Arthur	HVU Furnace	2 @ 160.7 MMBtu/hr	EP	2008
Motiva	Bechtel	Port Arthur	CDU Furnace	2 @ 302.11 MMBtu/hr	EP	2008
Suncor	Colt	Ft. McMurray, AB	Combined Feed Heater	2 @ 24.5 MMBtu/hr	EP	2008
Suncor	Colt	Ft. McMurray, AB	Stripper Reboiler	140.31 MMBtu/hr	EP	2008
Suncor	Colt	Ft. McMurray, AB	Combined Feed Heater	2 @ 25.32 MMBtu/hr	EP	2008
Suncor	Colt	Ft. McMurray, AB	Reactor Charge Heater	18.9 MMBtu/hr	EP	2008
Angola LNG	Bechtel	Angola, Africa	LP Treatpr Regeneration Gas Heater	16 MMBtu/hr	EP	2008
Angola LNG	Bechtel	Angola, Africa	Regenerator Gas Heater	44.4 MMBtu/hr	EP	2008
Angola LNG	Bechtel	Angola, Africa	Hot Oil Heater	4 @ 146 MMBtu/hr	EP	2008
Suncor	Jacobs	Ft. McMurray, AB	DSU Heaters	2 @ 123.8 MMBtu/hr	EP	2008
Suncor	Bantrel	Alberta	Coker Heater	3 @ 386.2 MMBtu/hr (HC) + 84.5 MMBtu/hr (Steam)	EP	2008
Shell	Toyo	Qatar	Syn Gas Reformer	2 @ 520 MTPD Syn Gas	EP	2008
Rayong Refinery	SKE&C	Rayong, Thailand	New Heaters	155 MMBtu/hr	EP	2008
Petron	DIC	Bataan, Philippines	CCR Unit Platformer Revamp	139.3 MMBtu/hr	EP	2008
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Reboiler / Reactor Charge Heater	36.71 / 20.75 MMBtu/hr	E	2008
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Toluence Column Reboiler Heater	93.26 MMBtu/hr	E	2008
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Reboiler / Reactor Charge Heater	36.71 / 20.75 MMBtu/hr	E	2007
GS Caltex Corp.	Daesin Eng.	Yeosu, Korea	Reboiler Heater & Charge Heater	51.59 / 131.75 MMBtu/hr	E	2007
SK Incheon Oil	SKE&C	Ulsan, Korea	FCC Emergency Stack	358,000 Nm3/hr	EP	2007
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	CCR Unit Platformer Revamp	396.6 MMBtu/hr	EPC	2007
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	Reactor Charge Heater	52.1 MMBtu/hr	EPC	2007
GS Caltex Corp.	GS Caltex Corp.	Yeosu, Korea	No.4 Interheater	65.7 MMBtu/hr	EPC	2007

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PetroCanada	Bantrel	Edmonton, AB	Recycle Gas Heater	16 MMBtu/hr	EP	2007
PetroCanada	Bantrel	Edmonton, AB	Reactor Charge Heater	11.55 MMBtu/hr	EP	2007
Suncor	Bantrel	Ft. McMurray, AB	Reactor Charge Heater	18.9 MMBtu/hr	EP	2007
Petronas	L&T	Melaka	Vacuum heater	66.4 MMBtu/hr	EP	2007
Shintech	Shin-etsu	Addis, La	Three EDC Crackers with SCR for 562,500 MTPY VCM Plant	3 @73.46 MM Btu/hr each	EPC	2007
PetroCanada	Bantrel	Edmonton, AB	Delayed Coker heaters with steam generation	2 @ 39.75 MMBtu/hr (process) + 2 @ 5.58 MM btu/hr (utility)	EP	2007
PetroCanada	Bantrel	Edmonton, AB	Vacuum heater	88.3 MM Btu/hr	EP	2007
PetroCanada	Bantrel	Edmonton, AB	Crude heater	206.5 MMBtu/hr	EP	2007
ExxonMobil	Technip	Baytown, TX	Crude heater	212.0 MMBtu/hr	EP	2007
Thai Oil	FW/ABB	Sriracha, Thailand	SIOP Crude heater	161.5MMBtu/hr	EP	2006
CNRL	Technip	Ft. McKay, AB	DRU furnaces	2 @ 192.5 MMBtu/hr (Process) + 2 @ 20.6 (Utility)	EP	2007
ConocoPhillips	KTI	Borger, TX	Engineering Study for H2 Reformer	50 MMScfd	E	2006
Citgo	Technip	Lemont, IL	Revamp 7 Heaters	Varies	EP	2006
Valero	Starcon	Aruba	Revamp 2 Crude Heaters	Varies	EP	2006
Suncor	Colt	Sarnia, Canada	Revamp of Crude & New Vacuum Heater	Varies	EP	2006
ExxonMobil	KTI	Joliet, IL	Two Revamp Crude Heaters	2 @ 215 MMBtu/hr	EP	2006
GS Chemical	GS/GS Eng/CCEC	Tianjin, China	Two EDC Crackers	2 @ 70.6 MMBtu/hr	EP	2006
Valero	Technip	St. Charles, LA	Two Steam Reformers w/SCR	2 – 50 MMSCF/day H2	EPC	2006
Suncor	KTI	Ft. McMurray	Diluent Recovery Furnace Revamp	110 MMBtu/hr	EP	2005
Citgo	ABB	Corpus Christi, TX	Reactor Feed Heater	46.851 MMBtu/hr	EP	2006

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Citgo	ABB	Corpus Christi, TX	Reactor Feed Heater	30 MMBtu/hr	EP	2006
Citgo	ABB	Corpus Christi, TX	Stabilizer Reboiler	51.391 MMBtu/hr	EP	2006
Hovensa	Technip	Virgin Isles	HDT Reactor Effluent Furnace & SCR	51.4 MMBtu/hr	EP	2006
ConocoPhillips	Bechtel	Borger, TX	3 Delayed Cokers	3 x 47 MMBtu/hr	EPC	2006
ConocoPhillips	Bechtel	Borger, TX	2 Vacuum Heaters	2 x 87 MMBtu/hr	EPC	2006
Petrox	SK/TP	Concon, Chile	Steam Reformer	231 MMBtu/hr	EP	2005
Valero	Jacobs	Aruba	Two Visbreaker Furnace Coils	87 x 2 MMBtu/hr	EP	2005
ChevronPhillips	JGC	Jubail, Saudi Arabia	Alkylator Reboiler	93 MMBtu/hr	EP	2005
ChevronPhillips	JGC	Jubail, Saudi Arabia	Styrene Steam Superheater	245 MMBtu/hr	EP	2005
Suncor	Jacobs	Denver, CO	Fractionator Heater Revamp	27.28 MMBtu/hr	EP	2005
Suncor	Jacobs	Denver, CO	Vacuum Charge Heater	4 MMBtu/hr	EP	2005
Suncor	Jacobs	Denver, CO	Vacuum Charge Heater	5.3 MMBtu/hr	EP	2005
Suncor	Jacobs	Denver, CO	Crude Preheat	32.54 MMBtu/hr	EP	2005
Suncor	Jacobs	Denver, CO	Crude Heater	21.9 MMBtu/hr	EP	2005
PetroCanada	Bantrel	Montreal, Canada	Revamp of Crude Furnace Floor	65 MMBtu/hr	EP	2004
Suncor	Jacobs	Denver, CO	Recycle Gas Heater	34.88 MMBtu/hr	EPC	2005
Suncor	Jacobs	Denver, CO	Fractionator Feed Heater	27.83 MMBtu/hr	EPC	2005
Braskem	KTI	Halagaos, Brazil	New EDC Pyrolysis furnace	60 MMBtu/hr	EP	2005
Shell Canada	Colt	Sarnia, Canada	New (1) Cell CCR Heater	23 MMBtu/hr	EP	2005
ConocoPhillips	KTI	Ponca City, Ok	Revamp CCR, Vacuum & reboiler heaters for NOx reduction	100,68,44	E+P+C	2004
Flint Hills Refining/Koch	Jacobs	Corpus Christi, Tx	Revamp UOP Platformer NOx and Capacity	600 MMBtu/hr	EPCM	2004

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PetroCanada	Bantrel	Montreal, Canada	Revamp Vacuum Furnace	46.8 MMBtu/hr	EP	2004
Shell/Motiva	Bechtel	Port Arthur, Tx	Hydrogen Htr for LSD	14.7 MMBtu/hr	EP	2005
PDVSA	OIST	Puerto La Cruz	FCC Coil Revamp		EP	2004
Enterprise	Technip	LaPlace, Louisiana	WHRU	8 MMBtu/hr	EP	2003
Nova	Jacobs	Bayport, TX	EB Recovery Heater Rebuild	114.3 MMBtu/hr	EPC	2003
Nova	Jacobs	Bayport, TX	Benzene Recovery Rebuild	68.3 MMBtu/hr	EPC	2003
ConocoPhillips	KTI	Sweeney, TX	Retrofit FCC with SCR and economizer	1.4 MM lbs/hr	E(PC)	2007
BASF	KTI	Freeport, TX	Retrofit HRSG with SCR System	2,650,000 lb/hr	E(PC)	2005
BP		Texas City, TX	Replacement of WHB on FCC	132,000 lb/hr (steam) 609,000 lb/hr (flue gas)	E(PC)	2005
Suncor	Bantrel	Fort McMurray, Alberta	4 Cokers for Millenium Project Expansion	290 MMBtu/hr	EPCM	2005
Agrium	KTI	Kenai, AK	Redesign and Retrofit New Outlet Pigtail System on NH3 Reformer	360 tubes	E(PC)	2004
Chevron Texaco	Daewoo / Halliburton	BBT, Block 14, Angola	Heat Medium Heater	134.5 MMBtu/hr	EP	2004
ConocoPhillips	KTI	Sweeney, TX	Retrofit Crude Heater with SCR and new APH	370 MMBtu/hr	EP	2004
ConocoPhillips	KTI	Sweeney, TX	Retrofit 4 Hydrotreater furnaces with new APH's	(2) 85 MMBtu/hr (2) 33 MMBt/hr	EP(C)	2004
Nova	Jacobs	Bayport, TX	Styrene Steam Superheater w/SCR	114 MMBtu/hr	EP	2004
Petrobras	KTI	Reduc, Brazil	2- Delayed Cokers	2x100 MMBtu/hr	EPC	2004
PetroCanada	Bantrel	Edmonton, AB	Distillate Recycle Gas Heater	79.71 MMBtu/hr	EP	2004

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PetroCanada	Bantrel	Edmonton, AB	Gas Oil Fractionator Feed Htr	94.31 MMBtu/hr	EP	2004
PetroCanada	Bantrel	Edmonton, AB	Distillate fractionator Feed Htr	126.89 MMBtu/hr	EP	2004
PetroCanada	Bantrel	Edmonton, AB	Product Fractionator Feed Heater	342 MMBtu/hr	E	2004
PetroCanada	Bantrel	Edmonton, AB	Recycle Gas Heater	51 MMBtu/hr	E	2004
Sterling Chemicals	KTI	Texas City, TX	Styrene Steam Superheater SCR/NOx reduction revamp	366 MMBtu/hr	EPC	2004
Suncor	Bantrel	Ft. McMurray, AB	Diluent Recovery Furnace	110 MMBtu/hr	EPCM	2004
ChevronTexaco	KTI	El Paso, TX	Emergency rebuild of Atmospheric Crude Heater	100 MMBtu/hr	EPCM	2003
CITGO	Fluor	Lake Charles, LA	2 – Crude & Vacuum furnaces	101 x 2, 150 x 2 MMBtu/hr	EPC	2003
Conoco-Phillips	Bantrel	Rodeo, CA	Vacuum Furnace & Reactor Charge Heaters w/SCR's	50 MMBtu/hr & 30 MMBtu/hr	EP	2003
Ecopetrol	KTI	Barrancabermaja, Columbia	SIOP Designed Vacuum furnace	73 MMBtu/hr	EP	2003
ExxonMobil	Fluor	Baytown, TX	Reboiler for Clean Fuels Project	211 MMBtu/hr	EP	2003
Flint Hills Resources	KTI	Corpus Christi, TX	(2) Retrofit Paraxylene Heaters with Ultra Low NOx Burners	45 MMBtu/hr 33 MMBtu/hr.	EPC	2003
Suncor	Bantrel	Ft. McMurray	Two Vacuum furnaces, One Diluent Recovery furnace, each with steam system	2 x 124 MMBtu/hr 110 MMBtu/hr	EP	2003
Syncrude	UE-1 (Fluor/SNC)	Ft. McMurray	Fractionator Feed Heater w/APH	327 MMBtu/hr	EP	2003
Syncrude	UE-1 (Fluor/SNC)	Ft. McMurray	Revamp Hydrotreater Reactor Charge Heater	61 MMBtu/hr	EP	2003

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Conoco-Phillips/Tosco	Jacobs	Rodeo, California	Revamp Hydrocracker for increased production, and reduced emissions via new SCR	190 MMBtu/hr	EP	2002
ExxonMobil	Jacobs	Baton Rouge, LA	Revamp CO Boiler by installing new convection module	25 MMBtu/hr	EP	2002
Flint Hills Resources	KTI	Pine Bend, MN	Repair Transfer Line on H2 Reformer	---	C	2002
Petrolera Ameriven	Grupo Alvica/Fluor Daniel	Jose, Venezuela	2- Vacuum furnaces	113.5 MMBtu/hr x 2	EP	2002
Petrolera Ameriven	Grupo Alvica/Fluor Daniel	Jose, Venezuela	2-Top fired Reformers & Auxiliaries	300 Tubes/Reformer x 2	EP	2002
ToscoConoco-Phillips	Jacobs	Rodeo, California	Revamp of Cat Reformer for Reduced Emissions via new SCR	230 MMBtu/hr	EP	2002
Exxon	Bechtel	Baytown, Texas	Two Delayed Cokers with APH	2 x 110 MMBtu/hr	EPC	20010
Chevron Phillips Chemical	KTI	St. James, Louisiana	Revamp styrene steam superheater	170 MMBtu/hr	EPC	2001
ExxonMobil	KTI	Torrance, California	Revamp terrace wall reformer	50 MM SCFD	EPC	2001
Shell Canada	Fluor Canada	Scotford, Alb. Canada	8 Hydrocracker heaters	2 x 28, 2 x 31, 2 x 27, 2 x 40 MMBtu/hr	EP	2001
Valero	KTI	Paulsboro, New Jersey	Revamp top fired reformer	12 MM SCFD	EPC	2001
BP Amoco	KBR	Joffre, Canada	Two Hot Oil heaters, one light Olefins furnace & one Specialty Chemical furnace for LAO plant	93, 93, 50, 11 MMBtu/hr	EP	2000
Chevron	Chevron	Pascagoula, Mississippi	Convection Section	30 MMBtu/hr	EP	2000
LG Caltex Oil Co.	LG Engineering	Yosu, Korea	Toluene Column Reboiler for BT Extraction Project	114 MMBtu/hr	EPC	2000

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Suncor	Bantrel	Ft. McMurray, Canada	Four Hydrotreater furnaces for Millenium project	12.73,37.76,59.7, 24.85 MMBtu/hr	EP	2000
Suncor	Bantrel	Ft. McMurray, Canada	2 Diluent Recovery furnaces with Steam Systems	2 @ 87.8 MMBtu/hr each	EP	2000
Suncor	Bantrel	Ft. McMurray, Canada	8 double fired coker furnaces with Steam Systems for 100,000 BBL/day Coker unit	504 MMBtu/hr	EP	2000
Valero	KTI	Paulsboro, NJ	FCC Unit F.G. Cooler Revamp	---	EPC	1999Current
Enterprise Products	KTI Fish	Jacinto Port, Texas	Regeneration Heater	117 MMBtu/hr	EP	1999
Syncrude	SNC	Mildred Lake, Canada	Vacuum furnace and APH system for 175,000 BBI/day unit, with future expansion to 305,000 BBI/day	190 MMBtu/hr	EP	1999
Valero	KTI	Paulsboro, NJ	PDA Heater Revamp	10 MMBtu/hr---	EPC	1999
Amoco	KTI	Texas City, Texas	Steam Superheater / Hot Oil Heater Revamp	220, 40 MMBtu/hr	EPC	1998
Chevron Chemical	KTI	St. James, Louisiana	Steam Superheater for SM Unit	175 MMBtu/hr	EPC	1998
CJSM	MHI	Jilin, China	Styrene Steam Superheater	48 MMBtu/hr	EP	1998
KVCM (Petronas/Mitsui JV)	Toyo Engineering	Kertih, Malaysia	Two EDC Pyrolysis furnaces for 400,000 MTPY VCM Plant	2 crackers @ 76 MMBtu/hr. Each	EP	1998
Lonza Singapore PTE Ltd.	Toyo Engineering	Pulua Sakra, Singapore	Raffinate Reboiler w/APH Charge Heater for PIA Project	68 MMBtu/hr 4 MMBtu/hr	EP	1998
Oildale Energy	KTI	Bakersfield, California	Heater	75 MMBtu/hr	EPC	1998
Petrobras	Toyo Engineering	Brazil	Thermal Oil Heater	40 MMBtu/hr	EP	1998
Singapore Refining Company PTE Ltd.	JGC	Singapore	Vacuum Heater for SRC VDU-2 DBN Project	20 MMBtu/hr	EP	1998

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Banchak Petroleum	MES	Bangkok, Thailand	Reactor Feed Heater and APH System for Clean Fuels Project	46 MMBtu/hr	EP	1997
Cosmar Company	KTI	Carville, Louisiana	Revamp Styrene Unit Steam Superheater	165 MMBtu/hr	EP	1997
Daikin America	KTI	Decatur, Alabama	MDA Unit Expansion	8 MMBtu/hr	EPC	1997
Koch Refining	KTI	Corpus Christi, Texas	Hot Oil Heater Revamp	150 MMBtu/hr	EPC	1997
Koch Refining Company	KTI	Corpus Christi, Texas	CCR Unit Platformer Revamp		EP	1997
Mobil	KTI	Joliet, Illinois	Convert Hot Oil to Crude and Vacuum	193 MMBtu/hr	EP	1997
Mobil Chemicals	KTI	Beaumont, Texas	Charge Heater	35 MMBtu/hr	EPC	1997
Mobil Oil Corporation	KTI	Paulsboro, New Jersey	(2) Coker Fired Heaters Revamp	86 MMBtu/hr x 2	EPC	1997
Mobil Oil Corporation	KTI	Paulsboro, New Jersey	Naphtha Reheater	12.5 MMBtu/hr	EPC	1997
Petron Refining	Daelim	Bataan, Philippines	UOP Platformer	155 MMBtu/hr	EP	1997
Petron Refining	Daelim	Bataan, Philippines	Fired Heater for Naphtha Hydrotreater Unit	20 MMBtu/hr	EP	1997
Simplot Canada Ltd.	KTI Fish	Brandon, Manitoba, Canada	NH3 Reformer, Start-up Heater and Auxiliary Boiler Rebuild	1250 t/d	EP	1997
Suncor Oil Sands Group	Bantrel	Alberta, Canada	Charge Furnace Vacuum Furnace	89 MMBtu/hr 194 MMBtu/hr	EPC	1997
Tosco Refining Company	KTI	Linden, New Jersey	Rebuild Vacuum Heater	N/A	EPC	1997
KPJV/Equate	BRPC	Al-Shuaiba, Kuwait	Ethylene Unit – Pyrolysis Furnace		EPC	1996/1995

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
76 Products Company	KTI	Wilmington, California	Revamp Steam Reformer	43 MMSCFD	EPC	1996
TPI	LG	Sriracha, Thailand	Reactor Charge Heater	63.65 MMBtu/hr	EP	1997
Chevron	Fluor	El Segundo, CA	ISOMAX SMR Revamp	365.3 MMBtu/hr	EPC	1996
Conoco	KTI	Lake Charles, Louisiana	Hydrocracker Unit Furnace Revamp	N/A	EPC	1996
Kohap	KTI	Ulsan, Korea	Four UOP Heaters W/APH and EP Systems for Paraxylene Plant	48 MMBtu/hr 48 MMBtu/hr 38.9 MMBtu/hr 38.9 MMBtu/hr	EPC	1996
Malaysian Refining Co.	Chiyoda	Melaka, Malaysia	11 Fired Heaters Crude, Vacuum, Charge (2), Stripper, Dehexanizer, CCR Platformer,	1108 MMBtu/hr Total Duty	EP	1996
Mobil Chemical	BechtelKTI	Beaumont, TX	Paraxylene Unit - 5 Vertical Cylindrical Heaters	35, 55, 50, 92 191 MMBtu/hr	EP	1996
OxyMar	Bechtel	Ingleside, Texas	VCM Furnace Expansion (2) EDC Crackers, SCR and WHB	350,000 MT/Y	EPC	1996
Yukong	Chiyoda	Ulsan, Korea	Crude Charge Heater and Crude Distillate Heater w/APH and EP System	600 MMBtu/hr 62 MMBtu/hr	EPC	1996
Yukong	Fluor	Ulsan, Korea	Four Furnaces for FCC Plant	52, 52, 50 and 21.8 MMBtu/hr	EPC	1996
Yukong Oxichemical	KTI	Ulsan, Korea	Steam Superheater, (3) VOC Heaters, and APH and ESP for EB/SM Plant	130 MMBtu/hr + 50, 91, 13 MMBtu/hr	EPC	1996
Amoco	Fluor	Texas City, TX	Reactor Charge Heater	236 MMBtu/hr	EPC	1995
Chevron	KTI	Salt Lake City, UT	Crude and Vacuum Heaters	74.8 MMBtu/hr 70.2 MMBtu/hr	EP	1995
Chevron	KTI	Pascagoula, MI	Feed Furnace Rebuild	68.6 MMBtu/hr	EP	1995

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Citgo Refining	KTI	Corpus Christi, TX	Revamp FCC Flue Gas Cooler	83 MMBtu/hr	EPC	1995
Conoco	KTI	Lake Charles, LA	UOP Platformer and Debutanizer	350 MMBtu/hr 40 MMBtu/hr	EP	1995
Dupont	KTI	Memphis, TN	Revamp Steam Reformer	6 MMSCFD	EPC	1995
Jilin Integrated Aromatics	TEC	Nanjin, China	UOP Platformer	123.4 MMBtu/hr	EP	1995
Koch Refining	KTI	Corpus Christi, TX	Cat Cracker Revamp	40 MMSCFD	EPC	1995
Lyondell-Citgo Refining Corporation	Bechtel	Houston, TX	Two Hydrotreater Furnaces	76.9 MMBtu/hr 72.2 MMBtu/hr	EP	1995
Lyondell-Citgo Refining Corporation	Bechtel	Houston, TX	Crude and Vacuum Furnace W/APH System	213 MMBtu/hr 162 MMBtu/hr	EP	1995
Mobil Oil	KTI	Paulsboro, NJ	Revamp Crude, Vacuum and Reboiler Heaters	103.3 MMBtu/hr 48 MMBtu/hr 52 MMBtu/hr	EPC	1995
Pemex	Chiyoda	Salina Cruz, Minatitlan and Tula, Mexico	3 Alkylation Heaters	170 MMBtu/hr 130.3 MMBtu/hr 85.7 MMBtu/hr	EP	1995
Shell (APCI)	KTI	Martinez, CA	Hydrogen Plant Reformer	80 MMSCFD	EPC	1995
Shell DPMC	S & B Engineers	Deer Park, TX	Vacuum Heater	75 MMBtu/hr	EP	1995
Ultramar, Inc.	KTI	Wilmington, California	Naphtha Hydrotreater Charge Heater 60-H-1 Modification and Retube	N/A	PC	1995
Unocal (APCI)	KTI	California, USA	Reformer	35/50 MMSCFD	E	1995
Yukong	Badger	Ulsan, Korea	Vacuum Distillate Heaters	4.5, 5.1, 3.4, 1.7 MM KCAL/hr	EPC	1995
Yukong	Parsons	Ulsan, Korea	Crude Distillate Heater W/APH & EP	15.2 MM KCAL/hr	EPC	1995
Thai Oil	Chiyoda	Sriracha, Thailand	Fractionator Feed Heater	122.81 MM Btu/hr	EP	1995

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Thai Oil	Chiyoda	Sriracha, Thailand	Combined Feed Heater	60.29 MM Btu/hr	EP	1995
Thai Oil	Chiyoda	Sriracha, Thailand	SIOP Vacuum Furnace	115.4 MM Btu/hr	EP	1995
Amoco Chemical	KTI	Chocolate Bayou, TX	Two Cracking Furnaces	68,000 Lb/hr	EPCT	1994
Borden Chemicals	KTI	Geismar, Louisiana	Methanol Reformer Revamp	282 MMBtu/hr	EPC	1994
Chevron	KTI	Pascagoula, MI	Coker Revamp	162.9 MMBtu/hr	EP	1994
Chevron Chemical	KTI	St. James, Louisiana	Revamp Styrene Steam Superheater	272 MMBtu/hr	EPC	1994
Koch Refining	KTI	Corpus Christi, TX	Revamp UOP Platformer		EPC	1994
Mobil Oil	KTI	Beaumont, TX	Revamp Cat Reformer	351 MMBtu/hr	EP	1994
Mobil Oil	KTI	Paulsboro, NJ	Revamp Crude Heater	132 MMBtu/hr	EPC	1994
Pemex (MP/CCC)	Mecanica de la Pena/KTI/CCC	Tula, Mexico	CCR Revamp Fired Heater	30,000 (BPD)	EP	1994
Sinopec	Badger	Daqing, China Gangzhou, China	Steam Superheater Steam Superheater	31.28 MMBtu/hr 39 MMBtu/hr	EP EP	1994 1994
Tesoro	Litwin	Kenai, Alaska	Revamp Visbreaker Heater		EP	1994
Ultramarc	Fluor	Wilmington, California	2 Fired Heaters w/SCR	133 MMBtu/Hr	EP	1994
Westlake Monomers	KTI	Calvert City, KY	EDC Cracking Furnace (WL-336)	135,170 Lb/Hr	EPC	1994
Shell Rayong	Badger	Rayong, Thailand	Crude Heater	231MM Btu/hr	EPC	1995
Shell Rayong	Badger	Rayong, Thailand	Visbreaker Charge Heater	51.54MM Btu/hr	EPC	1995
Shell Rayong	Badger	Rayong, Thailand	HDS Reactor Charge Htr	45.4MM Btyu/hr	EPC	1995
Shell Rayong	Badger	Rayong, Thailand	HDS Fractionator Reboiler	54.56 MM Btu/hr	EPC	1995
Shell Rayong	Badger	Rayong, Thailand	Hydrocracker Reactor Charge Htr	41.98 MM Btu/hr	EPC	1995
Shell Rayong	Badger	Rayong, Thailand	Hydrocracker Fractionator Htr	62.1 MM Btu/hr	EPC	1995
Shell Rayong	Badger	Rayong, Thailand	CCR Platformer	205MM Btu/hr	EPC	1995
Shell Rayong	Badger	Rayong, Thailand	Hydrocracker Recycle Gas Htr	59.72MM Btu/hr	EPC	1995

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Shell Rayong	Badger	Rayong, Thailand	Vacuum Furnace	133.09MM Btu/hr	EPC	1995
Amoco Oil	KTI	Whiting, IN	Hydrogen Plant Reformer	35 MMSCFD	S	1993
Amoco Oil	KTI	Whiting, IN	Hydrogen Plant Reformer	35 MMSCFD	EPT	1993
Chevron	KTI	Ewa Beach, HI	Crude Unit Revamp Replacement - New Crude/Vacuum Heaters	125 MMBtu/hr 52 MMBtu/hr	EPC	1993
Conoco	KTI	Lake Charles, LA	Revamp UOP Platformer	156 MMBtu/hr	EPC	1993
Cosmar	KTI	Carville, LA	Revamp 3 Heaters for Lower NOx		EPS	1993
Dupont	KTI	Memphis, TN	Retube H2 Reformer	6 MMSCFD	EP	1993
JE Merit / Koch	KTI	Corpus Christi, TX	Crude Heater Vacuum Heater	286 MMBtu/Hr 80.5 MMBtu/Hr	C	1993
KTI SpA / Petron	KTI SpA	Bataan, Philippines	Crude Oil Furnace	150 MMBtu/Hr	EPC	1993
Marathon	KTI	Garyville, LA	Revamp UOP Platformer	320 MMBtu/hr	EPC	1993
Marathon Oil	KTI	Garyville, LA	Revamp Two Alkylolation Heaters	246 MMBtu/hr	EPC	1993
MHI/VPM	MHI	Venezuela	Reformer	2500 TPD	EP	1993
Monsanto	KTI	Muskatine, IA	Retube/Revamp Acetic Acid Cracker		EPC	1993
Esso Sriracha	FWEL	Sriracha, Thailand	Vacuum Furnace	99.21 MM Btu/hr	EPC	1992
Esso Sriracha	FWEL	Sriracha, Thailand	High Intensity Crude Furnace	208.35 MM Btu/hr	EPC	1992
National MethanolFluor	FluorNational Methanol	Al Jubail, Saudi Arabia	Catofin Process Charger Heater	178	EP	1993
Nat'l Nigerian Petroleum Corp.	Chiyoda	Port Harcourt, Nigeria	Hot Oil Furnace	30 MMBtu/hr	EPS	1993
Oxymar	KTI	Ingleside, TX	Rebuild EDC Cracker	60 MMBtu/hr	EPC	1993
Southwest Refining	KTI	Corpus Christi, TX	Revamp Cat Reformer		EPC	1993
Texaco	KTI	El Dorado, KS	Hydrogen Plant Reformer	8 MMSCFD	S	1993

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Tosco (APCI)	KTI	Martinez, CA	Hydrogen Plant Reformer	25/35 MMSCFD	EPC	1993
Confidential	Badger	Corpus Christi, TX	Crude and Diesel Stripper Heaters with Common APH	312/26 MMBtu/hr	EP	1992
Confidential	KTI	Pine Bend, MN	Hydrogen Plant Reformer	47 MMSCFD	EP	1992
Confidential II	Badger	Corpus Christi, TX	Vacuum Heater with APH	80.5 MMBtu/hr	EP	1992
Daikin Industries	Chiyoda	Decatur, AL	Two Gas Heaters	4	EPC	1992
Husky	KTI	Lloydminster, Canada	Steam Methane Reformer	80 MMSCFD	EPCTS	1992
Mobil Oil	TEC	Jurong, Singapore	1000 Feet of High Temperature Ducting	N/A	EP	1992
Oxychem	KTI	Lake Charles, Louisiana	Rebuild Ethylene Cracker		EPC	1992
Texaco	KTI	El Dorado, KS	Hydrogen Plant Reformer	8 MMSCFD	EPCT	1992
Unocal	Parsons	Wilmington, CA	Hydrogen Reformer	65 MMSCFD	EP	1992
Ar Razi	MHI	Al Jubail, Saudi Arabia	Steam/Methane Reformer	180 MMSCFD	EP	1991
Chevron	KTI	El Paso, TX	Crude/Vacuum Furnace Revamp	70/90	EPCS	1991
Huntsman	KTI	La Porte, TX	Revamp Styrene Steam Super	302 MMBtu/hr	EPC	1991
Shell Oil	KTI	Wood River, IL	Revamp of 4 VC Furnaces	40-150	EPC	1991
Hydrogenal II	KTI	Becancour, Canada	Hydrogen Plant Reformer	3.5 MMSCFD	EPCS	1990
Luz SEGS IX	KTI	Harper Lake, CA	4 Hot Oil Heaters	800	EPTS	1990
Texaco	KTI	Wilmington, CA	Hydrogen Plant Reformer	15 MMSCFD	EPST	1990
Chevron	KTI	El Segundo, CA	VC Furnace/FGS Rule 1146 NOx Compliance	30 - Refinery Cap BPSD	EPCTS	1989
Hydrogenal I	KTI	Becancour, Canada	Hydrogen Plant Reformer	3.5 MMSCFD	EPCTS	1989
Hydrogenal I	KTI	Canada	Hydrogen Plant Reformer	3.5 MMSCFD	EPCST	1989

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Monsanto	KTI	Muscatine, IA	Ketene Furnace		EPCS	1989
OxyMar	Bechtel	Lake Charles, LA	4 EDC Cracking Furnaces	237	EPCS	1989
Cosmar Chemicals	Badger	Carville, LA	Steam Superheater Furnace	75 MMBtu/hr	EP	1988
Honam	Daelim	Yoechun, Korea	2 VC Heaters	115	EPS	1988
Honam	Lucky Engineering	Yoechun, Korea	4 VC Heaters		EPS	1988
Husky Oil	KTI	Saskatchewan, Canada	Hydrogen Reformer	75.0 MMSCFD	EPC	1988
Luz Engineering	Luz	Harper Lake, CA	Hot Oil Heaters	800	EP	1988
Maruzen, Petrochemical	Chiyoda	Chiba, Japan	Ethylene Cracking Furnaces (2)	85MMlb/yr	E	1988
Mobil	Chiyoda	Singapore	Two Fired Heaters with APH		EP	1988
Occidental Chemical	KTI	Lake Charles, LA	Ethylene Cracking Furnace	110	EPS	1988
Quantum Chemicals	KTI	Clinton, IA	Ethylene Cracking Furnace	40,000lb/h	EPCST	1988
Vista Chemicals	KTI	Westlake, LA	EDC Cracking Furnace	215KMTY	EPCS	1988
Alzeta Corp.	KTI	Newark, CA	Advanced Refinery Cabin Type Heater	2.5	EPCS	1987
Asahi Glass	MPC	Menak, Jawa	EDC Crackers and Start-Up Heater		ES	1987
Catalyst Energy	KTI	Bakersfield, CA	Hot Oil Furnace	75.0	EPCS	1987
Kukdong Oil	KTI	Seosan, Korea	Hydrogen Reformer	218	EPCS	1987
Mobil Oil	Parsons	Torrance, CA	Hydrogen Reformer	75.0 MMSCFD	EPS	1987
RCF	RCF	Thal, India	COSORB II Plant Reformer	110 NM ³ /H	P	1987
Shell Oil Company	KTI	Wood River, IL	(2) Vacuum Flasher Heaters	30	EPC	1987
Thai Oil	Chiyoda	Sriracha, Thailand	Steam Reformer	170 MM Btu/hr	EP	1986
Arco Cherry Point	Parsons	Ferndale, WA	Platformer	73.1	EP	1986
CPC	KTI	Camacari Brazil	EDC Pyrolysis	180,000 MTPY	EPS	1986

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
CQA	KTI	Brazil	EDC Pyrolysis	180,000 MTPY	EP	1986
Olin Chemicals	KTI	Lake Charles, LA	Hydrogen/CO Plant Reformer	3.4	EPCS	1986
Syncrude - Canada	KTI	Mildred Lake, Alberta	Hydrogen Reformer	75 MMSCFD	EPST	1986
Techmashimport	Mitsui	Tokyo	H ₂ /CO Plant Reformer	18.3 MMSCFD	E	1986
Honam Ethylene	KTI	Yeochun, Korea	Regeneration Gas & Feed Heaters	1.3, 19.4	EP	1985
Pemex	Makrotech	Morelos, Mexico	Stripper Reboiler	90	E	1985
Shell Deer Park II	KTI	Deer Park, TX	Rebuild Hydrocracker Charge Heater	40	EPC	1985
Syncrude - Canada	KTI	Mildred Lake, Alberta	Reactor Charge/Reboiler Heaters	61 ea.	EPS	1985
Union Oil	Fluor	Santa Maria, CA	Two Coker Furnaces	70 ea.	EPCS	1985
Kukdong Oil Company	KTI	Seosan, Korea	Hydrogen Plant & Reformer	54.0 MMSCFD	ES	1984
MPC	Mitsui	Japan	Hydrogen Plant & Reformer	3.5 MMSCFD	ES	1984
Shell	Parsons	Saudi Arabia	H ₂ Reformer and 26 Refinery Furnaces	100 MMSCFD	EPC	1984
DuPont	KTI	Memphis, TN	Hydrogen Plant Reformer	6.0 MMSCFD	EPCST	1983
Mobil	KTI	Beaumont, TX	Delayed Coking Furnace	80	EPC	1983
Pacific Refining	Parsons	Rodeo, CA	Revamp Visbreaker Furnace	20	EP	1983
Tesoro	Litwin	Kenai, Alaska	Hydrogen Plant Reformer	12.8 MMSCFD	EPST	1983
Union Oil	Bechtel	Rodeo, CA	Feed Preheater Furnace	24	EPS	1983
Yukong Ltd.	Badger	Ulsan, Korea	9 Refinery Furnaces	500	EPCS	1983
Bann Quimica	KTI	Sao Paulo, Brazil	Hydrogen Plant Reformer	1.0 MMSCFD	EST	1982
Gary Refining	KTI	Fruita, CO	Hydrogen Plant Reformer	6.0 MMSCFD	EPST	1982
KNPC	JGC	Kuwait	Reactor Charge Furnaces - 4, Reboiler Furnace	30-120	EP	1982

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Conoco	SIP	Lake Charles, LA	UOP Platforming Furnace	156	EP	1981
KNPC	JGC	Kuwait	Reactor Chg. Furnaces - 4, Reboiler Furnace	30-120	EP	1981
Mobil Oil	KTI	Paulsboro, NJ	Hydrogen Plant Reformer	11.5 MMSCFD	EPCST	1981
Monomeros Vinilicos	Badger	Bahia Blanca, Argentina	EDC Cracking Furnaces - 2			1981
Pertamina	Fluor	Cilacap, Indonesia	Refinery Furnaces - 6		EPS	1981
Texaco	KTI	Amarillo, TX	Waste Heat Boiler, Charge Furnace	18,14	EPCS	1981
Union Oil	Fluor	Parachute Creek, CO	Refinery Furnaces - 3	18,11,11	EP	1981
Aramco	Dravo Corporation	Safaniya, Saudi Arabia	Diesel Oil Heaters - 2	240	S	1980
Union Oil	Bechtel	Santa Maria, CA	Crude Oil Heater, Vacuum Furnace		EP	1980
Arco	Bechtel	Philadelphia, PA	FCCU Reactor Feed Preheater	29	EP	1979
Champlin Petroleum	Fluor	Willington, LA	Charge Heater	24	EP	1979
Formosa Plastics	KTI	Point Comfort, TX	EDC Cracking Furnaces - 2		EPCS	1979
Lagoven	Fluor	Amuay, Venezuela	Hot Oil Furnace	47	EP	1979
Lagoven	Fluor	Amuay, Venezuela	Isostripper Reboiler	159	EP	1979
Pemex	IMP	Cd. Madero/Tula. Mex.	Reboiler Furnaces - 2		EP	1979
PPG Industries	KTI	Lake Charles, LA	EDC Cracking Furnaces - 2	750 TPD	EP	1979
Union Oil	Fluor	Beaumont, TX	Reboiler Furnaces - 2	72	EP	1979
Amer. Hoechst	Badger	Bayport, TX	Reboilers - 2, Feed Heater	60,101,6	EP	1978
B.F. Goodrich	KTI	Calvert City, KY	EDC Furnace Modernization		EP	1978
B.F. Goodrich	KTI	Calvert City, KY	EDC Vaporizer		EP	1978
Dow Chemical	KTI	Freeport, TX	WHR - Steam Superheater, Economizer Coils		EP	1978

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Lagoven	Fluor	Amuay, Venezuela	Feed Preheat Furnace	258	EP	1978
Lagoven	Fluor	Amuay, Venezuela	Steam Superheater Furnace	84	EP	1978
Pemex	IMP	Cadereyta, Mexico	Reactor Feed Heater	42	EP	1978
Tosco	FW	Martinez, CA	UOP Platformer, Reboiler	186.25	EP	1978
Exxon Chem.	J.F. Pritchard	Baton Rouge, LA	Hydrofiner, Regeneration, PH Furnace	45,7,72	EP	1977
Marathon Oil	Fluor	Garyville, LA	Fractionator Reboiler - APH	241	EP	1977
Pemex	IMP	S. Cruz, Minatlin	Fractionator Reboilers - 5	42	EP	1977
Pemex	IMP	S. Cruz, Minatlin	Reactor Feed Heater - 6	28	EP	1977
Pemex	IMP	S. Cruz, Minatlin	UOP Platforming Furnaces - 3	181-231	EP	1977
Phillips Pet.	Litwin	Sweeny, TX	Crude Heater - APH	345	EP	1977
Tenneco	FW	Chalmette, LA	UOP Platformer, Hydrotreater, Reboilers - 2	185,16,23,26	EP	1977
Texas City	SIP	Texas City, TX	UOP Platforming Furnace	156	EP	1977
C. Petroquimica	Badger	Camacari, Brazil	EDC Cracking Furnaces - 2		EP	1976
Cities Services	CSOC	Lake Charles, LA	Ethane Cracker Revamp		EP	1976
Confidential	CPI	Middle East	Hot Oil Furnace			1976
Confidential	CPI	Middle East	EDC Vaporizer Cracking Furnace - 2	3	EP	1976
Dow Chemical	Dow Engineering	Ft. Sask., Canada	Hot Oil Furnace - APH	110	EPS	1976
Dow Chemical	Dow Engineering	Ft. Sask., Canada	EDC Crackers - 4		EPS	1976
Dow Chemical	Dow Engineering	Aratu, Brazil	EDC Crackers - 2, Hot Oil Furnace - APH		EP	1976
Pemex	Fluor	Veracruz, Mexico	Xylene Splitter Reboiler	212	EP	1976
Pemex	IMP	Veracruz, Mexico	Deisohexanizer Reboiler	156	EP	1976

KTI PROJECT LIST						
CLIENT	CONTRACTOR	PLANT LOCATION	APPLICATION	DUTY / CAPACITY	SCOPE	YEAR OF COMPLETION
Dow Chemical	Dow Eng.	Aratu, Brazil	Hot Oil Furnace	20	EP	1975
Dow Chemical	Dow Engineering	Plaquemine, LA	Superheater	21,32	EP	1975
Dow Chemical	Dow Engingeering	Plaquemine, LA	Hydrogen Charge Furnaces	96,106,6	EP	1975
ECOL UD.	Parsons	Garyville, LA	Platformer, UOP	320	EP	1975
Lonza, Inc.	Heyward - Robn.	Bayport, TX	Acetic Acid Cracking Furnace		EP	1975
Monsanto	Monsanto	St. Louis, MO	Acetic Acid Cracking Furnace		EP	1975
National Iran Oil	Fluor	Esfahan, Iran	Reboilers - 2 and Splitter Feed Furnaces - 2	147	EP	1975