



## I.T.T. Group REFERENCE LIST FOR HEATERS AND REFORMERS



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
HEC	Korea	PDH Polska	Poland	2019	CCR Oleflex	1	Hoop	UOP
HEC	Korea	PDH Polska	Poland	2019	CCR Oleflex	1	Hoop	UOP
PSS Netherland B.V. (PETROFAC - SAIPEM - SAMSUNG JV)	UAE	THAI OIL PUBLIC COMPANY Ltd.	Thailand	2019	Steam Reformer	2	Top Fired	LURGI
HTAS	Denmark	BAPCO	Barhain	2019	Steam Reformer Revamping	1	Side Fired	HTAS
SMU	Russia	TANECO	Russia	2019	Steam Reformer Revamping	1	Side Fired	HTAS
TECHNIP	France	SAR - Raffinerie Dakar	Senegal	2019	Feed Heater	1	VC	I.T.T.
ANRPC	Egypt	ANRPC	Egypt	2019	Revamp - Heaters	1	VC	I.T.T.
GAZPROMNEFT	Russia	GAZPROMNEFT	Russia	2019	Steam Reformer	1	Side Fired	HTAS
HTAS	Denmark	Novatek	Russia	2019	HTCR Unit	1	WHRU	HTAS
GAZPROMNEFT	Russia	GAZPROMNEFT	Russia	2019	Fractionator Feed Heater	1	Twin Cell VB	SHELL/I.T.T.
GAZPROMNEFT	Russia	GAZPROMNEFT	Russia	2019	Reactor Feed Heater	1	Twin Cell HB	SHELL/I.T.T.
GAZPROMNEFT	Russia	GAZPROMNEFT	Russia	2019	Reactor Feed Heater	1	Twin Cell HB	SHELL/I.T.T.
SNC Lavalin	UAE	Saudi Aramco	Saudi Arabia	2019	Hot Oil	3	VC	I.T.T.
Petrogal SA (GALP)	Portugal	Petrogal SA (GALP)	Portugal	2019	Fractionator Feed Heater	1	VC	I.T.T.
SINOPEC	China	SABIC	Saudi Arabia	2018	Steam Reformer Revamping	1	WHRU	KBR
GMI SA	Perù	Petroperu	Perù	2018	Steam Reformer	1	Side Fired	HTAS
JSC ShchekinoAzot	Russia	JSC ShchekinoAzot	Russia	2018	Steam Reformer	1	Side Fired	HTAS



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China National Chemical Engineering Co.Ltd	China	Kazakhstan Petrochemicals Industrials Inc	Kazakhstan	2018	Charge Heater	1	Box	Lummus / I.T.T.
CPECC - China Petroleum Engineering & Construction Corp.	China	ADCO/ADNOC	UAE	2018	Hot water Fired Heater	1	VC	SHELL/I.T.T.
HEC	Korea	BANGCHAK CORPORATION PUBLIC COMPANY	Thailand	2018	Reactor Feed Heater	1	VC	Axens
HEC	Korea	BANGCHAK CORPORATION PUBLIC COMPANY	Thailand	2018	CCR	1	Hoop	Axens
TOYO	Japan	INDORAMA	Nigeria	2018	Start Up Heater	1	VC	KBR
KT - TECNIMONT	India	HPCL Mumbai Refinery	India	2018	Steam Reformer	1	Side Fired	HTAS
GST Engineering	Italy	ALMA PETROLI	Italy	2018	Study - Vacuum Heater	1	VC	I.T.T.
ORLEN Lietuva	Lithuania	ORLEN Lietuva	Lithuania	2018	Study to revamp two heaters	2	NA	I.T.T.
SKEC	Korea	SK Energy	Korea	2018	Reactor Feed heater	2	HB	I.T.T.
SKEC	Korea	SK Energy	Korea	2018	Fractionator Feed Heater	1	HB	I.T.T./Chevron Lummus
L&T	India	HPCL Visakh Refinery	India	2018	Crude	2	VB	EIL/I.T.T.
L&T	India	HPCL Visakh Refinery	India	2018	Vacuum	1	HB	EIL/I.T.T.
L&T	India	HPCL Visakh Refinery	India	2018	Fractionator Feed Heater	1	HB	UOP/I.T.T.
L&T	India	HPCL Visakh Refinery	India	2018	Combined Feed	1	VB	UOP/I.T.T.
Ningbo Liatong Equipment Group Co. Ltd.	China	NIOEC - Aabadan Refinery	Iran	2018	Steam Reformer	1	Side Fired	HTAS
Rania International Co.Ltd.	Iraq	Rania International Co.Ltd.	Iraq	2017	Vacuum	1	HB	I.T.T.
CASALE	Switzerland	Metafrax	Russia	2017	Start Up Heater	1	VC	I.T.T.
SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	2017	Steam Reformer	1	Top Fired	LURGI



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
ENI	Italy	ENI	Italy	2017	CO Boiler Revamping	1	Conv. Section	KTI
ARMAN PETROCHEMICAL	Iran	ARMAN PETROCHEMICAL	Iran	2017	Steam Reformer	1	Side Fired	HTAS
BADRE-E-SHARG	Iran	BADRE-E-SHARGH	Iran	2017	Steam Reformer	1	Side Fired	HTAS
RAFFINERIA DI GELA	Italy	RAFFINERIA DI GELA	Italy	2017	Charge Heater	1	VC	I.T.T.
RAFFINERIA DI GELA	Italy	RAFFINERIA DI GELA	Italy	2017	Charge Heater	1	VC	I.T.T.
TIANCHEN	China	SABIC	Saudi Arabia	2017	Steam Reformer	1	Top Fired	Kellog
EIL	India	IOCL	India	2017	Steam Reformer	1	Side Fired	HTAS
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING Co. (PIDEC)	Iran	\	Iran	2017	Start Up Heater	1	VC	HTAS
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING Co. (PIDEC)	Iran	HENGAM PETROC. Co.	Iran	2017	Refractory materials of Reformer for Ammonia Plant	1	Side Fired	HTAS
SAZEH-JAHAN PARS (Falcon)	Iran	NIGC-Bid Boland Gas Refining Company	Iran	2017	Regeneration Gas Heater	2	VC	I.T.T.
SAZEH-JAHAN PARS (Falcon)	Iran	NIGC-Bid Boland Gas Refining Company	Iran	2017	Regeneration Gas Heater	1	VC	I.T.T.
LG CHEM	Korea	LG CHEM	Korea	2016	Hot Oil	2	VC	I.T.T.
FLUOR DANIEL B.V.	The Netherlands	KNPC	Kuwait	2016	Steam Reformer	4	Side Fired	HTAS
AIR LIQUIDE	Italy	AIR LIQUIDE	Italy	2016	Burners Performance Test	1	Side Fired	HTAS
TECNICAS REUNIDAS	Spain	KNPC	Kuwait	2016	Crude	3	HB	TR/I.T.T.
AIR LIQUIDE	France	AIR LIQUIDE	Belgium	2016	Convection Section & Burners Rating Study	1	Conv	HTAS
DAELIM	Korea	S-OIL	Korea	2016	HDS Reactor heater	1	VC	I.T.T.
TUPRAS	Turkey	TUPRAS	Turkey	2016	Revamping Study - Fired Heaters	11	Box, VC	I.T.T.



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
TECNIMONT	Italy	KIMA	Egypt	2016	Steam Reformer	1	Top Fired	KBR
TECNIMONT	Italy	KIMA	Egypt	2016	Start Up Heater	1	VC	KBR
TIANCHEN	China	MIDDLE EAST KIMIA	Iran	2016	Steam Reformer	1	Side Fired	HTAS
DOR-RIZ	Iran	NIOEC - Esfahan Refinery	Iran	2016	Crude	1	HB	I.T.T.
DOR-RIZ	Iran	NIOEC - Esfahan Refinery	Iran	2016	Reboiler	1	VC	I.T.T.
DOR-RIZ	Iran	NIOEC - Esfahan Refinery	Iran	2016	Reboiler	1	VC	I.T.T.
TECNICAS REUNIDAS	SPAIN	KNPC	Kuwait	2016	Regeneration Heater	2	VC	I.T.T.
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING Co. (PIDEC)	Iran	HENGAM PETROC. Co.	Iran	2016	WHS for Ammonia Plant	1	Conv	HTAS
PETROMAX	UAE	SIRAF ENERGY	Iran	2016	Steam Reformer	1	Side Fired	HTAS
PT PANCA AMARA UTAMA	Indonesia	BAP	Indonesia	2016	Start Up Heater	1	VC	KBR
YARA	Norway	YARA	Norway	2015	Transfer Line for Steam Reformer	1	na	Kellog/I.T.T.
ETI BAKIR	Turkey	ETI BAKIR A.S.	Turkey	2015	Steam Reformer	1	Side Fired	HTAS
ETI BAKIR	Turkey	ETI BAKIR A.S.	Turkey	2015	Start Up heater	1	VC	I.T.T.
GULF FARABI	Saudi Arabia	GULF FARABI	Saudi Arabia	2015	Study to revamp four heaters	4	BOX	FW/I.T.T.
MHI	Japan	CARIBBEAN GAS CHEMICAL Ltd	Trinidad	2015	Steam Reformer	1	Top Fired	DAVY PROCESS TECHN.
HYUNDAI ENGINEERING Co., LTD	Korea	LUKOIL	Uzbekistan	2015	Regeneration Heater	2	VC	I.T.T.
CAIRO OIL REFINING CO. (CORC)	Egypt	CAIRO OIL REFINING CO. (CORC)	Egypt	2015	Crude	1	BOX	I.T.T.
WUHUAN ENGINEERING Co., Ltd	China	PT PETROKIMIA GRESIK	Indonesia	2015	Steam Reformer	1	Top Fired	KBR



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
ICA FLUOR	Mexico	PEMEX	Mexico	2015	Steam Reformer	1	Side Fired	HTAS
AIR LIQUIDE	France	AIR LIQUIDE	Belgium	2015	Study - Reforming convection Section	1	Conv	HTAS
MHI	Japan	TURKMENHINYA	Turkmenistan	2015	Start Up heater	1	VC	I.T.T.
MHI	Japan	TURKMENHINYA	Turkmenistan	2015	Steam Reformer	1	Side Fired	HTAS
GS E&C	Korea	SCOP	Iraq	2014	Charge Heater	1	VC	UOP
GS E&C	Korea	SCOP	Iraq	2014	CCR	1	Hoop	UOP
GS E&C	Korea	SCOP	Iraq	2014	Crude	1	BOX	
GS E&C	Korea	SCOP	Iraq	2014	Vacuum	1	BOX	
TOYO	Japan	PETROBRAS Uberaba	Brazil	2014	Start Up Heater	1	VC	KBR
FLUOR DANIEL B.V.	The Netherlands	KNPC	Kuwait	2014	Steam Reformer	3	Side Fired	HTAS
SAIPEM	Italy	STAR RAFINERI A.S.	Turkey	2014	Charge Heater	1	Double fired VB	UOP
SAIPEM	Italy	STAR RAFINERI A.S.	Turkey	2014	Charge Heater	1	Double fired VB	UOP
SAIPEM	Italy	STAR RAFINERI A.S.	Turkey	2014	Fractionator Feed Heater	1	Twin Cell VC	UOP
SAIPEM	Italy	STAR RAFINERI A.S.	Turkey	2014	Reactor Feed heater	1	Double fired VB	I.T.T.
CHINA BLUE CHEMICAL	China	CBC	China	2014	WHS for Methanol Plant	1	Conv	DAVY PROCESS TECHN.
KRAFTAN LAGEN ROMANIA	Romania	PETROBRAZIL	Romania	2014	Cast Supports	1	na	UHDE
TECHNOEDIF	Portugal	GALP	Portugal	2014	Performance Study	1	BOX	SHELL
SAMSUNG ENGINEERING Co., Ltd.	Korea	SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	2014	Steam Reformer	1	Side Fired	HTAS



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SAMSUNG ENGINEERING Co., Ltd.	Korea	SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	2014	Start Up Heater	1	VC	I.T.T.
DAELIM	Korea	MA'ADEN	Saudi Arabia	2014	Start Up Heater	1	VC	I.T.T.
SKEC	Korea	PTT	Thailand	2014	Revamping reboilers	3	1 VC/ 2 BOX	UOP
SKEC	Korea	PTT	Thailand	2014	Reboiler	1	VC	UOP
TOYO	Japan	PANCA AMARA UTAMA (PAU)	Indonesia	2013	Start Up Heater	0	VC	KBR
TOYO	Japan	INDORAMA	Nigeria	2013	Start Up Heater	1	VC	KBR
UHDE	Germany	CFI	USA	2013	Start Up Heater	2	VC	Uhde
STSI	Croatia	NAFTAN	Belarus	2013	Fired Heater	5	VC	I.T.T.
KT-OHL	Italy / Spain	PEMEX	Mexico	2013	Steam Reformer	1	Side Fired	HTAS
KBR	USA	DYNO	USA	2013	Steam Reformer	1	Top Fired	KBR
TOYO SETAL	Brazil	PETROBRAS Comperj	Brazil	2013	Steam Reformer	2	Side Fired	HTAS
ENI - ZUBAIR	Iraq	ENI - ZUBAIR SPA	Iraq	2013	Hot Oil	7	VC	I.T.T.
ENI - ZUBAIR	Iraq	ENI - ZUBAIR SPA	Iraq	2013	Hot Oil	2	VC	I.T.T.
NESTE JACOBS	Finland	NESTE JACOBS	Finland	2013	Crude	2	Box	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	YPFB	Bolivia	2013	Steam Reformer	1	Top Fired	KBR
SAMSUNG ENGINEERING Co., Ltd.	Korea	TAKREER	UAE	2013	Steam Reformer	1	Top Fired	LURGI
UHDE	Germany	CFI	USA	2013	WHS for Ammonia Plant	1	Conv	Uhde
TCM	Italy	IOWA FERTILIZER COMPANY	USA	2013	Steam Reformer	1	Top Fired	KBR



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TCM	Italy	IOWA FERTILIZER COMPANY	USA	2013	Start Up Heater	1	VC	KBR
CHENGDA CHINA ENGINEERING CO.	China	BANGLADESH CHEMICAL INDUSTRIES CORPORATION	Bangladesh	2013	WHS for Ammonia Plant	1	Conv	KBR
SAMSUNG ENGINEERING Co., Ltd.	Korea	PERTAMINA	Indonesia	2013	Hot Oil	2	VC	I.T.T.
GS E&C	Korea	IRPC Public Company Ltd.	Thailand	2013	Charge Heater	1	VC	I.T.T.
GS E&C	Korea	IRPC Public Company Ltd.	Thailand	2013	Charge Heater	1	VC	I.T.T.
GS E&C	Korea	IRPC Public Company Ltd.	Thailand	2013	Reboiler	1	VC	I.T.T.
GS E&C	Korea	IRPC Public Company Ltd.	Thailand	2013	Charge Heater	1	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	TAKREER	UAE	2012	CCR Oleflex	4	Hoop	UOP
SAMSUNG ENGINEERING Co., Ltd.	Korea	TAKREER	UAE	2012	Reboiler	2	VC	UOP
SAMSUNG ENGINEERING Co., Ltd.	Korea	TAKREER	UAE	2012	Reboiler	1	BOX	UOP
SAMSUNG ENGINEERING Co., Ltd.	Korea	TAKREER	UAE	2012	Charge Heater	2	VC	UOP
INA INDUSTRIJA NAFTE d.d.	Croatia	INA INDUSTRIJA NAFTE d.d.	Croatia	2012	Revamping Vacuum Distillation Heater	1	Double Box	I.T.T.
TECHNIP	Malaysia	PETRONAS	Malaysia	2012	Hot water Fired Heater	1	BOX	I.T.T.
LURGI AL	Germany	BASF	Germany	2012	WHS for Hydrogen Plant	1	Conv	LURGI
TECNICAS REUNIDAS	Spain	LUKOIL	Russia	2012	Steam Reformer	1	Side Fired	HTAS
UFN3	Brazil	PETROBRAS Tres Lagoas	Brazil	2012	Start Up heater	1	Helical	KBR
MHI	Japan	PETRONAS CHEMICAL FERTILIZER SABAH	Malaysia	2012	Start Up heater	1	VC	I.T.T.
Setal - Promon - Skanska J.V.	Brazil	PETROBRAS Cabiunas	Brazil	2012	Hot Oil	1	VC	CENPES



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Setal - Promon - Skanska J.V.	Brazil	PETROBRAS Cabiunas	Brazil	2012	Hot Oil	1	VC	CENPES
Setal - Promon - Skanska J.V.	Brazil	PETROBRAS Cabiunas	Brazil	2012	Hot Oil	1	VC	CENPES
Setal - Promon - Skanska J.V.	Brazil	PETROBRAS Cabiunas	Brazil	2012	Hot Oil	1	VC	CENPES
STATOIL	Norway	STATOIL A/S - Site Refinery	Norway	2012	Convection Section Modules	1	Side Fired	I.T.T.
MHI	Japan	PETRONAS CHEMICAL FERTILIZER SABAH	Malaysia	2012	Steam Reformer	1	Side Fired	HTAS
SAMSUNG ENGINEERING Co., Ltd.	Korea	LUKOIL	Iraq	2012	Hot Oil	8	VC	I.T.T.
FW	UK	SABIC UK PETROCHEMICALS LIMITED	UK	2012	Steam Superheater	2	BOX	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	RAS LAFFAN REFINERY	Qatar	2011	Reboiler	1	VC	HTAS
SAMSUNG ENGINEERING Co., Ltd.	Korea	RAS LAFFAN REFINERY	Qatar	2011	Charge Heater	1	VC	HTAS
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	Charge Heater	1	VC	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	Charge Heater	1	VC	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	Feed Heater	1	VC	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	Naphtha Vapozizer	1	VC	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	Naphtha Hydrotreater	1	VC	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	HDS Reactor heater	1	VC	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	HDS Reactor Heater	1	VC	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	HDS Reactor Heater	1	VC	UOP
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	HDS Reactor Heater	1	VC	UOP





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TEHRAN JONOUB TECHNICAL & CONSTRUCTION Co.	Iran	TEHRAN JONOUB TECHNICAL & CONSTRUCTION Co.	Iran	2011	Steam Reformer	2	Side Fired	HTAS
NAMVARAN CONSULTING ENGINEERS	Iran	MARJAN PETROCHEMICAL COMPANY	Iran	2011	Steam Reformer	3	Side Fired	HTAS
STATOIL	Norway	STATOIL A/S - Site Refinery	Norway	2011	Study - Reforming Heaters	1	Side Fired	I.T.T.
ENI/SAIPEM	Italy	DPC CPF KHURBET	Syria	2011	Reboiler	1	VC	I.T.T.
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	Vacuum	1	VB	Axens
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2011	Charge Heater	1	VC	Axens
JGC	Japan	DONGGI SENORO LPG	Indonesia	2011	Regeneration Heater	1	VC	JGC
JGC	Japan	RASGAS COMPANY	Qatar	2011	Regeneration Heater	2	VC	Exxon
JGC	Japan	RASGAS COMPANY	Qatar	2011	Regeneration Heater	1	VC	Exxon
JGC	Japan	RASGAS COMPANY	Qatar	2011	Regeneration Heater	1	VC	Exxon
JGC	Japan	RASGAS COMPANY	Qatar	2011	Steam Superheater	2	VC	Exxon
FIMCO FZE	UAE	NIOC /POGC Assaluyeh Gas Plant, South Pars Development Phases 20 & 21 Onshore Facilities	Iran	2011	Regeneration Heater	4	VC	I.T.T.
FIMCO FZE	UAE	NIOC /POGC Assaluyeh Gas Plant, South Pars Development Phases 20 & 21 Onshore Facilities	Iran	2011	Regeneration Heater	2	VC	I.T.T.
TECHNIP	France	NAFTEC SpA	Algeria	2011	Reboiler	1	VC	Axens
TECHNIP	France	NAFTEC SpA	Algeria	2011	CCR	1	Hoop	Axens



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TECHNIP	France	NAFTEC SpA	Algeria	2011	Charge Heater	1	VC	Axens
TECHNIP	France	NAFTEC SpA	Algeria	2011	Crude	1	HB	I.T.T.
TECHNIP	France	NAFTEC SpA	Algeria	2011	Reboiler	1	VC	Axens
TECHNIP	France	NAFTEC SpA	Algeria	2011	Reboiler	1	VC	Axens
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Reboiler	1	VC	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Charge Heater	1	VC	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Charge Heater	1	Box	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	CCR	2	Hoop	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Charge Heater	1	Box	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Charge Heater	1	VC	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Charge Heater	1	Box	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Reboiler	1	Box	UOP
SKEC	Korea	JURONG AROMATIC COMPLEX	Singapore	2011	Reboiler	2	VC	UOP
TIANJIN BOHUA PETROCHEMICAL CO.	China	TIANJIN	China	2011	Charge Heater	1	Box	Lummus / I.T.T.
HEC	Korea	TAKREER	UAE	2011	Charge Heater	1	Box	I.T.T./Exxon Mobil
HEC	Korea	TAKREER	UAE	2011	Hot Oil	1	VC	I.T.T.
DANIELI FAR EAST	Thailand	THAICHIN	Burma	2011	Gas Heater	1	VB	I.T.T.
TNGD Consortium - Tecnimont (TCM) / Nargan Eng. Co. (NEC) / Dor Riz Eng. (DR) / Gamma Co. (GM)	Iran	NIOC/POGC South Pars Phase 12; Tombak, Iran	Iran	2011	Regeneration Heater	6	VC	I.T.T.



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DAELIM	Korea	KNPC	Kuwait	2010	Regeneration Heater	2	VC	I.T.T.
TCM	Italy	NFL	India	2010	Steam Reformer	1	Top Fired	KBR
SAMSUNG ENGINEERING Co., Ltd.	Korea	FERTIL	UAE	2010	Start Up heater	1	VC	I.T.T.
UTC	Brazil	PETROBRAS Refap	Brazil	2010	Steam Reformer	1	Side Fired	HTAS
UTC	Brazil	PETROBRAS Refap	Brazil	2010	Charge Heater	1	VC	HTAS
SKEC	Korea	TAKREER	UAE	2010	Steam Reformer	1	Side Fired	HTAS
PETROFAC - GS E&C JOINT VENTURE	Korea	GASCO	UAE	2010	Regeneration Heater	2	VC	I.T.T.
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING Co. (PIDEC)	Iran	KAVEH METHANOL	Iran	2010	Steam Reformer	1	Top Fired	CASALE / I.T.T.
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING Co. (PIDEC)	Iran	KAVEH METHANOL	Iran	2010	Steam Superheater	1	BOX	CASALE / I.T.T.
GULF FARABI / UHDE India	Saudi Arabia	LAB Complex	Saudi Arabia	2010	Hot Oil	1	Box	UOP
GULF FARABI / UHDE India	Saudi Arabia	LAB Complex	Saudi Arabia	2010	Charge Heater	1	VC	UOP
ENI	Italy	ENI - Sannazzaro Refinery	Italy	2010	Steam Reformer	1	Side Fired	HTAS
CHO POWER / EUROPLASMA	France	CHO POWER PLANT	France	2009	Combustor Boiler	1	na	I.T.T.
BEHRAN OIL Co	Iran	LUBE OIL REFINERY	Iran	2009	Crude	1	HB	I.T.T.
BEHRAN OIL Co	Iran	LUBE OIL REFINERY	Iran	2009	Reboiler	1	VC	I.T.T.
BEHRAN OIL Co	Iran	LUBE OIL REFINERY	Iran	2009	Charge Heater	1	VC	I.T.T.
BEHRAN OIL Co	Iran	LUBE OIL REFINERY	Iran	2009	Hot Oil	1	Box	I.T.T.
HEC	Korea	NAFTEC SpA	Algeria	2009	Hot Oil	1	Box	I.T.T.



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HEC	Korea	NAFTEC SpA	Algeria	2009	Reboiler	1	VC	I.T.T.
HEC	Korea	NAFTEC SpA	Algeria	2009	Crude	1	Box	I.T.T.
HEC	Korea	NAFTEC SpA	Algeria	2009	Charge Heater	1	VC	I.T.T.
PETROJET	Egypt	SOPC	Egypt	2010	Crude	1	Box	I.T.T.
PETROJET	Egypt	SOPC	Egypt	2010	Vacuum	1	VC	I.T.T.
WUHUAN ENGINEERING Co., Ltd	China	CA MAU	Vietnam	2009	Steam Reformer	1	Side Fired	HTAS
FIMCO FZE	UAE	NIOEC / POGC - Iran South Pars Gas Field Developm., Phases 17&18	Iran	2009	Regeneration Heater	4	VC	I.T.T.
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING Co. (PIDEC)	Iran	NIOEC - Aabadan Refinery	Iran	2009	Charge Heater	1	VC	I.T.T.
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING Co. (PIDEC)	Iran	NIOEC - Aabadan Refinery	Iran	2009	Charge Heater	1	VC	I.T.T.
TECNICAS REUNIDAS	Spain	REPSOL	Spain	2009	Design & Supply - Lining	2	na	HTAS
KG PROCESS INNOVATIONS	Czech Republic	INA	Croatia	2009	Study - Vacuum Heater	1	Box	I.T.T.
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	Charge Heater	1	VC	I.T.T.
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	Reboiler	1	VC	I.T.T.
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	Charge Heater	1	VC	I.T.T.
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	Reboiler	1	VC	I.T.T.
MHI	Japan	AOFP	Algeria	2009	Start Up heater	2	VC	I.T.T.
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	Charge Heater	1	VC	I.T.T.
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	Reboiler	1	VC	I.T.T.



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	Reboiler	1	VC	I.T.T.
FIMCO FZE	UAE	NIOEC - Bandar Abbas Refinery	Iran	2009	CCR	1	Hoop	I.T.T.
TUPRAS	Turkey	TUPRAS	Turkey	2009	Convection Section Modules	1	Conv	I.T.T.
CHINA BLUE CHEMICAL	China	CBC	China	2009	WHS for Methanol Plant	7	Conv	DAVY PROCESS TECHN.
EHSAN JOINT VENTURE	Iran	TEHRAN Refinery	Iran	2008	Steam Reformer	1	Top Fired	
MHI	Japan	AOFP	Algeria	2008	Steam Reformer	2	Side Fired	HTAS
TECNICAS REUNIDAS	Spain	REPSOL	Spain	2008	Steam Reformer	2	Side Fired	HTAS
ACE	Hungary	MOL	Hungary	2008	Steam Reformer	1	Side Fired	HTAS
SNAMPROGETTI	Italy	QATAR FERTILISER Co. (SAQ) Mesaieed Industrial City	Qatar	2008	Steam Reformer	2	Side Fired	HTAS
SNAMPROGETTI	Italy	QATAR FERTILISER Co. (SAQ) Mesaieed Industrial City	Qatar	2008	Start Up heater	2	VC	I.T.T.
UHDE	Germany	Ma'aden	Saudi Arabia	2008	Start Up heater	1	VC	I.T.T.
AIR LIQUIDE	France	SOXAL	Singapore	2008	Steam Reformer	1	Side Fired	HTAS
POLIMERI EUROPA	Italy	POLIMERI EUROPA	Italy	2008	Revamp - Heaters	1	na	I.T.T.
PETROJET	Egypt	N.P.C.	Egypt	2008	Charge Heater	1	HB	I.T.T.
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Steam Reformer	2	Top Fired	
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Charge Heater	1	VC	I.T.T.
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Reboiler	2	VC	I.T.T.



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	CCR	1	Hoop	I.T.T.
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Reboiler	1	Box	I.T.T.
SAIPEM	Portugal	ENGRO	Pakistan	2007	Steam Reformer	1	Side Fired	HTAS
SAIPEM	Portugal	ENGRO	Pakistan	2007	Start Up heater	1	VC	I.T.T.
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Charge Heater	2	VC	I.T.T.
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Reboiler	1	VC	I.T.T.
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Charge Heater	1	VC	I.T.T.
CONSORTIUM of SAZEH-ODCC-SEI	China	SHAZAND Arak Refinery	Iran	2007	Charge Heater	1	VC	I.T.T.
UHDE	Germany	Lukoil Neftochim Bourgas	Bulgaria	2007	Charge Heater	1	VC	I.T.T.
ENI	Italy	ENI - Livorno Refinery	Italy	2007	Charge Heater	2	VC	ENI
ECOPETROL S.A.	Colombia	ECOPETROL S.A. Barrancabermeja Complex	Colombia	2007	Charge Heater	1	VC	I.T.T.
ECOPETROL S.A.	Colombia	ECOPETROL S.A. Barrancabermeja Complex	Colombia	2007	Reboiler	1	VC	I.T.T.
ECOPETROL S.A.	Colombia	ECOPETROL S.A. Barrancabermeja Complex	Colombia	2007	Charge Heater	1	VC	I.T.T.
ECOPETROL S.A.	Colombia	ECOPETROL S.A. Barrancabermeja Complex	Colombia	2007	Reboiler	1	VC	I.T.T.
CHINA PETROLEUM MATERIAL & EQUIPMENT (Group) CORPORATION	China	PETROCHINA TARIM OILFIELD Co.	China	2007	Steam Reformer	1	Side Fired	HTAS
FAUJI FERTILIZER Co	Pakistan	FFC	Pakistan	2007	Revamp - WHS	3	na	HTAS
DAELIM	Korea	PETRON Bataan Refinery	Philippines	2007	Hot Oil	1	VC	I.T.T.
AIR LIQUIDE	France	HYCO 3 Plant - SPAL	Portugal	2007	Steam Reformer	1	Side Fired	HTAS



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
SAMSUNG ENGINEERING Co., Ltd.	Korea	MOC	Thailand	2007	Charge Heater	1	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	MOC	Thailand	2007	Regeneration Heater	1	VC	I.T.T.
ABB	Germany	GASOIL	Poland	2007	Charge Heater	1	VC	I.T.T.
ABB	Germany	GASOIL	Poland	2007	Reboiler	1	VC	I.T.T.
ACE	Hungary	INA FCC Gasoline	Croatia	2007	Hot Oil	1	VC	I.T.T.
TECHNIP	Italy	PKN Orlen S.A	Poland	2007	Charge Heater	1	Box	I.T.T.
HTAS	Denmark	CEPSA	Spain	2007	HTCR Unit	1	HTCR	HTAS
KCE	Taiwan	CHINESE PETROLEUM CORPORATION	Taiwan	2007	Engineering Service	1	na	I.T.T.
TCM	Italy	Q-Chem II - Mesaieed	Qatar	2006	Hot Oil	1	VC	I.T.T.
ENPPI	Egypt	GASCO	Egypt	2006	Reboiler	1	VC	I.T.T.
ENPPI	Egypt	GASCO	Egypt	2006	Reboiler	1	VC	I.T.T.
ENPPI	Egypt	GASCO	Egypt	2006	Reboiler	1	VC	I.T.T.
ENI	Italy	ENI - Taranto Refinery	Italy	2006	Steam Reformer	1	Side Fired	HTAS
TUPRAS	Turkey	TUPRAS	Turkey	2006	Charge Heater	1	VC	I.T.T.
DAELIM	Korea	SKEC	Korea	2006	Reactor Feed heater	1	Box	I.T.T./Chevron Lummus
DAELIM	Korea	SKEC	Korea	2006	Reactor Feed heater	1	Box	I.T.T./Chevron Lummus
DAELIM	Korea	SKEC	Korea	2006	Fractionator Feed Heater	1	Box	I.T.T./Chevron Lummus
SKEC	Korea	SKEC	Korea	2006	Steam Reformer	1	Side Fired	HTAS



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
SNAMPROGETTI	Italy	Ruwais - Emirates of Abu Dhabi GASCO Project 5229 - Ruwais 3rd NGL	UAE	2006	Regeneration Heater	2	VC	I.T.T.
HEC	Korea	NEW ETHANE RECOVERY PLANT PROJECT	Kuwait	2006	Regeneration Heater	1	VC	I.T.T.
CONSORTIUM OF TECHNIP (FRANCE) JGC CORPORATION (JAPAN) & TECNICAS REUNIDAS (SPAIN)	France / Japan	VIETNAM OIL & GAS CORPORATION (PETROVIETNAM) - Dung Quat Refinery Project	Vietnam	2006	Charge Heater	1	VC	I.T.T.
AIR LIQUIDE	France	Ally Jupiter 2 Plant - BASF Site	Belgium	2006	Steam Reformer	1	Side Fired	HTAS
SKEC	Korea	THE AROMATICS PUBLIC Co. Ltd	Thailand	2005	Charge Heater	1	VC	I.T.T.
SKEC	Korea	THE AROMATICS PUBLIC Co. Ltd	Thailand	2005	Reboiler	1	VC	I.T.T.
SKEC	Korea	THE AROMATICS PUBLIC Co. Ltd	Thailand	2005	CCR	1	Hoop	UOP
ENI	Italy	ENI - Livorno Refinery	Italy	2005	Reboiler	1	VC	I.T.T.
UHDE	Germany	BP Gelsenkirchen	Germany	2005	Reboiler	1	VC	I.T.T.
MHI	Japan	SOHAR	Oman	2005	Start Up heater	1	VC	I.T.T.
ENI	Italy	ENI - Livorno Refinery	Italy	2005	Design & Supply - Ducts	1	na	I.T.T.
MHI	Japan	SOHAR	Oman	2005	Steam Reformer	1	Side Fired	HTAS
ENI	Italy	ENI - Livorno Refinery	Italy	2005	Revamp - Heaters	1	Box	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	NPPC	Saudi Arabia	2005	Charge Heater	1	Box	Lummus / I.T.T.
AIR LIQUIDE	France	AIR LIQUIDE	France	2005	Steam Reformer	1	Side Fired	HTAS
OIEC Group / LG E&C Consortium	Korea	AGIP Iran BV South Pars Phases 9 & 10	Iran	2005	Regeneration Heater	4	VC	I.T.T.
OIEC Group / LG E&C Consortium	Korea	AGIP Iran BV South Pars Phases 9 & 10	Iran	2005	Regeneration Heater	2	VC	I.T.T.





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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
OIEC Group / LG E&C Consortium	Korea	AGIP Iran BV South Pars Phases 9 & 10	Iran	2005	Regeneration Heater	2	VC	I.T.T.
OIEC Group / LG E&C Consortium	Korea	AGIP Iran BV South Pars Phases 9 & 10	Iran	2005	Regeneration Heater	2	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	ATOFINA PLANT DAESAN	Korea	2004	Reboiler	1	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	ATOFINA PLANT DAESAN	Korea	2004	Charge Heater	1	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	ATOFINA PLANT DAESAN	Korea	2004	Reboiler	1	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	ATOFINA PLANT DAESAN	Korea	2004	Charge Heater	1	Box	I.T.T.
PETROJET	Egypt	SUEZ OIL PROCESSING Co.	Egypt	2004	Coker Heater	1	HB	ALCOR C
POLIMERI EUROPA	Italy	POLIMERI EUROPA	Italy	2004	Study - Reforming Heaters	4	Box	I.T.T.
AIR LIQUIDE	France	AIR LIQUIDE	Italy	2004	Steam Reformer	1	Side Fired	HTAS
FLUOR DANIEL B.V.	The Netherlands	SAPREF - Shell and BP South African Petroleum Refineries	South Africa	2004	Reboiler	1	VC	SHELL
FLUOR DANIEL B.V.	The Netherlands	SAPREF - Shell and BP South African Petroleum Refineries	South Africa	2004	Reboiler	1	VC	SHELL
OTF - IGN Petrotech Kft.,	Hungary	MOL	Hungary	2004	Hot Oil	1	VC	I.T.T.
STATOIL	Norway	STATOIL A/S - Site Refinery	Denmark	2003	Charge Heater	1	VC	I.T.T.
EMC	Egypt	SUEZ OIL PROCESSING Co.	Egypt	2003	Coker Heater	1	HB	ALCOR C
POLIMERI EUROPA	Italy	POLIMERI EUROPA - Sarroch	Italy	2003	Study - Reforming Heaters	1	Box	
UHDE	Germany	MOL	Hungary	2003	Gas Heater	1	VC	I.T.T.
UHDE	Germany	MOL	Hungary	2003	Gas Heater	1	VC	I.T.T.



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
SAMSUNG ENGINEERING Co., Ltd.	Korea	AIR LIQUIDE	China	2003	Steam Reformer	1	Side Fired	HTAS
AIR LIQUIDE	France	ESSO Normandie	France	2002	Steam Reformer	1	Side Fired	HTAS
GRINAKEER - LTA / SASOL	South Africa	DSU Plant in Secunda	South Africa	2002	Charge Heater	1	VC	I.T.T.
KELLOGG / JCG / TECNICAS REUNIDAS (KJT)	UK	SEGAS, LNG Project Damietta Port - Egypt	Egypt	2002	Charge Heater	1	VC	I.T.T.
HEC	Korea	CAPRO CORPORATION	Korea	2002	Steam Reformer	1	Side Fired	HTAS
LG ENGINEERING & CONSTRUCTION CORPORATION	Korea	TUPRAS	Turkey	2002	Charge Heater	1	Box	UOP
HEC	Korea	AGIP Iran BV - South Pars Dev. Ph. 4 & 5	Iran	2002	Regeneration Heater	4	VC	I.T.T.
HEC	Korea	AGIP Iran BV - South Pars Dev. Ph. 4 & 5	Iran	2002	Regeneration Heater	2	VC	I.T.T.
HEC	Korea	AGIP Iran BV - South Pars Dev. Ph. 4 & 5	Iran	2002	Regeneration Heater	2	VC	I.T.T.
HEC	Korea	AGIP Iran BV - South Pars Dev. Ph. 4 & 5	Iran	2002	Regeneration Heater	2	VC	I.T.T.
EMC	Egypt	SUEZ OIL PROCESSING Co.	Egypt	2002	Coker Heater	1	HB	ALCOR C
UHDE	Germany	HOLBORN EUROPA Raffinerie GmbH	Germany	2002	Charge Heater	1	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	KNOC - Korea National Oil Corporation	Korea	2001	Hot Oil	1	VC	I.T.T.
FFC - JORDAN FERTILIZER COMPANY LIMITED	Pakistan	FJFC Bin Qasim	Pakistan	2001	Charge Heater	1	VC	I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	NATIONAL INDUSTRIALIZATION COMPANY	Saudi Arabia	2001	Charge Heater	1	Box	Lummus / I.T.T.
SAMSUNG ENGINEERING Co., Ltd.	Korea	AIR LIQUIDE	Korea	2001	Steam Reformer	1	Side Fired	HTAS
UHDE	Germany	DEA UK Wesseling MDH-Plant	UK	2001	Charge Heater	1	VC	I.T.T.



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CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
STATOIL	Norway	STATOIL A/S REFINERY	Denmark	2000	Design & Supply - Coil	1	VC	I.T.T.
HEC	Korea	SIRTE OIL CO	Lybia	2000	Hot Oil	3	VC	I.T.T.
UHDE	Germany	BAYER PC	Thailand	2000	Steam Reformer	1	Side Fired	HTAS
HTAS	Denmark	IOCL	India	1999	Steam Reformer	1	Side Fired	HTAS
ASSIUT OIL REFINING Co. through PETROMAINT	Egypt	ASSIUT REFINERY	Egypt	1999	Crude	1	Box	I.T.T.
FW	France	LUBE OIL PLANT	Egypt	1999	Steam Reformer	1	Side Fired	HTAS
FW	France	LUBE OIL PLANT	Egypt	1999	Start Up heater	1	VC	I.T.T.
STATOIL	Norway	STATOIL A/S KALUNDBORG	Denmark	1999	Convection Section Modules	1	VC	I.T.T.
HEC	Korea	BATAAN	Philippines	1998	Charge Heater	1	VC	I.T.T.
PARSONS - U.K.	UK	SARAS	Italy	1998	Charge Heater	1	Box	I.T.T.
HEC	Korea	HDO Daesan Refinery	Korea	1998	Revamp - Crude Heaters	2	Box	HYUNDAI
STATOIL	Norway	STATOIL A/S KALUNDBORG	Denmark	1998	Convection Section Modules	1	VC	I.T.T.
MOTOR OIL HELLAS	Greece	MOTOR OIL HELLAS CORINTH	Greece	1998	Convection Section Modules	1	VC	I.T.T.
HEC	Korea	HPCL Mumbai Refinery	India	1998	Steam Reformer	1	Side Fired	HTAS
SAMSUNG ENGINEERING Co., Ltd.	Korea	AIR LIQUIDE	Korea	1998	Steam Reformer	1	Side Fired	HTAS