



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
WUHUAN ENGINEERING Co., Ltd	China	PT PUPUK SRIWIDJAJA PALEMBANG	Indonesia	2024	Start Up Heater	1	VC	KBR
QATAR FERTILISER Co. (QAFCO)	Qatar	QATAR FERTILISER Co. (QAFCO)	Qatar	2024	Revamp-WHS	1	Conv. Section	UHDE
PETROVIETNAM CAMAU FERTILIZER CO (PVCFC)	Vietnam	PETROVIETNAM CAMAU FERTILIZER CO (PVCFC)	Vietnam	2024	Study - Reforming Convection Section	1	Side Fired	HTAS / I.T.T.
PETROVIETNAM CAMAU FERTILIZER CO (PVCFC)	Vietnam	PETROVIETNAM CAMAU FERTILIZER CO (PVCFC)	Vietnam	2024	Revamp-WHS	1	Side Fired	HTAS / I.T.T.
PETROJET	Saudi Arabia	SAUDI ARAMCO	Saudi Arabia	2024	Vacuum Preflash Reboiler	1	Twin Cell HB	I.T.T.
CPECC - China Petroleum Engineering & Construction Corp.	UAE	ADNOC	UAE	2024	Hot Water Fired Heater	2	VC	I.T.T.
CPECC - China Petroleum Engineering & Construction Corp.	UAE	ADNOC	UAE	2024	Hot Water Fired Heater	1	VC	I.T.T.
KENT	UAE	ADNOC	UAE	2024	Hot Oil	1	VC	I.T.T.
NPCC / SAIPEM JV	UAE	ADNOC	UAE	2024	Hot Oil	2	VC	I.T.T.
RAFFINERIA DI MILAZZO	Italy	RAFFINERIA DI MILAZZO	Italy	2024	Photovoltaic Plant	1	-	I.T.T.
AIR PRODUCTS	USA	AIR PRODUCTS	USA	2024	Reactor Feed Heater	1	VC	I.T.T.
AIR PRODUCTS	USA	AIR PRODUCTS	USA	2024	Reactor Feed Heater	1	Helical	I.T.T.
PETROJET	Egypt	SAUDI ARAMCO	Saudi Arabia	2024	Revamp-Vacuum Heater	1	HB	I.T.T.
SAIPEM CLOUGH JV	Australia	PERDAMAN Chemical & Fertilizer	Australia	2023	Steam Superheater (Syncor Unit)	1	Twin Cell VB	HTAS / I.T.T.
SAIPEM CLOUGH JV	Australia	PERDAMAN Chemical & Fertilizer	Australia	2023	ATR Feed Preheater + Pre-Reformer Feed Preheater	1	Hoop	HTAS / I.T.T.
TENOVA SPA	Italy	SALZGITTER AG	Germany	2023	Gas Heater	1	VC	I.T.T.
TECHNIP	Spain	GALP	Portugal	2023	Reactor Feed Heater	1	Helical	I.T.T.
TECHNIP	Spain	GALP	Portugal	2023	Reboiler	1	Helical	I.T.T.
PETROFAC INTERNATIONAL L.L.L.C.	UAE	STEP POLYMERS SPA	Algeria	2023	CCR Oleflex PDH	1	Hoop	UOP



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
ASSIUT OIL REFINING Co. (ASORC)	Egypt	ASSIUT OIL REFINING Co. (ASORC)	Egypt	2023	Study - Crude Oil Heater	1	BOX	I.T.T.
TOYO	Japan	INDORAMA	Nigeria	2023	Start Up Heater	1	VC	KBR
PETROVIETNAM CAMAU FERTILIZER CO (PVCFC)	Vietnam	PETROVIETNAM CAMAU FERTILIZER CO (PVCFC)	Vietnam	2023	Study - Reformer	1	Side Fired	HTAS
HALDIA PETROCHEMICAL Ltd.	India	HALDIA PETROCHEMICAL Ltd.	India	2023	Steam Cracker Heaters	2	VB	Lummus
TIANCHEN	China	SABIC	Saudi Arabia	2023	Charge Heater	1	VB	I.T.T.
SAIPEM	Portugal	ENI Angola Exploration B.V.	Angola	2023	Hot Oil	1	VC	I.T.T.
ICA FLUOR	Mexico	PEMEX	Mexico	2022	Steam Reformer	1	Side Fired	HTAS
DANIELI GERMANY	Germany	SALZGITTER AG	Germany	2022	Process Gas Heater	1	VB	I.T.T.
SK INNOVATION	Korea	SK Corporation	Korea	2022	Study - Burners	1	Side Fired	HTAS
JGC	Japan	SAUDI ARAMCO	Saudi Arabia	2022	Hot Oil	4	VB	I.T.T.
ICA FLUOR / PTI	Mexico	PEMEX	Mexico	2022	Fractionator Feed Heater	1	VC	I.T.T.
ICA FLUOR / PTI	Mexico	PEMEX	Mexico	2022	Naphta Vaporizer	1	VC	I.T.T.
ICA FLUOR / PTI	Mexico	PEMEX	Mexico	2022	Stabilizer Heater	1	VC	I.T.T.
ICA FLUOR / PTI	Mexico	PEMEX	Mexico	2022	Reactor Feed Heater	1	Twin Cell Double fired HB	Axens / I.T.T.
WISON ENGINEERING Ltd.	China	FARABI YANBU PETROCHEMICALS	Saudi Arabia	2022	Charge Heater	1	Hoop	UOP
WISON ENGINEERING Ltd.	China	FARABI YANBU PETROCHEMICALS	Saudi Arabia	2022	Hot Oil	1	VC	I.T.T.
THYSSENKRUPP Industrial Solutions (India) Private Limited	India	IOCL	India	2022	Reactor Feed Heater	1	Double fired HB	I.T.T./Chevron Lummus
THYSSENKRUPP Industrial Solutions (India) Private Limited	India	IOCL	India	2022	Vacuum	1	HB	I.T.T./Chevron Lummus
RAFFINERIA DI GELA	Italy	RAFFINERIA DI GELA	Italy	2022	Reactor Feed Heater	1	VC	I.T.T.
TOYO SETAL	Brazil	PETROBRAS	Brazil	2022	Reactor Feed Heater	1	VC	I.T.T.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
DANIELI & C. OFFICINE MECCANICHE	Italy	BAOSTEEL	China	2022	Process Gas Heater	1	VB	I.T.T.
ENPPI	Egypt	SAUDI ARAMCO	Saudi Arabia	2022	Hot Oil	2	Double fired VB	I.T.T.
MOTOR OIL HELLAS	Greece	MOTOR OIL HELLAS CORINTH	Greece	2022	Topping Revamping	1	VC	I.T.T.
YARA FERTILISERS INDIA PRIVATE LTD	India	YARA FERTILISERS INDIA PRIVATE LTD	India	2022	Convection Module Steam Reformer Revamping	1	WHRU	HTAS
PETRONAS CHEMICAL AMMONIA EDN BHD	Malaysia	PETRONAS CHEMICAL AMMONIA EDN BHD	Malaysia	2022	Steam Reformer Revamping	4	WHRU	HTAS
ENTER ENGINEERING	Uzbekistan	FERGHANA OIL REFINERY FACTORY LLC	Uzbekistan	2022	Reactor Feed Heater	1	VC	Axens / I.T.T.
ENTER ENGINEERING	Uzbekistan	FERGHANA OIL REFINERY FACTORY LLC	Uzbekistan	2022	Reactor Feed Heater	1	VC	Axens / I.T.T.
ENTER ENGINEERING	Uzbekistan	FERGHANA OIL REFINERY FACTORY LLC	Uzbekistan	2022	Vacuum	1	VC	Axens / I.T.T.
RAFFINERIA DI GELA	Italy	RAFFINERIA DI GELA	Italy	2022	Charge Heater	1	VC	I.T.T.
PETROJET	Egypt	NPC	Egypt	2022	Stabilizer Heater	1	VC	I.T.T.
AIR PRODUCTS	USA	AIR PRODUCTS	USA	2022	Gas Heater SYNGAS PLANT	1	Twin Cell VC	I.T.T.
SAIPEM	India	HAIFA NEGEV Technologies Ltd	Israel	2021	Steam Reformer	1	Side Fired	HTAS
SAIPEM	India	HAIFA NEGEV Technologies Ltd	Israel	2021	Start Up Heater	1	Helical	HTAS
SAMSUNG ENGINEERING Co., Ltd.	Korea	APOC - Advanced Polyolefins Industry Company	Saudi Arabia	2021	Charge Heater PDH	1	VB	Lummus / I.T.T.
JGC	Japan	SRC Basrah	Iraq	2021	Reactor Feed Heater	1	VC	I.T.T.
JGC	Japan	SRC Basrah	Iraq	2021	Vacuum	1	Twin Cell HB	I.T.T.
JGC	Japan	SRC Basrah	Iraq	2021	Visbreaker Heater	2	VC	SHELL/I.T.T.
JGC	Japan	SRC Basrah	Iraq	2021	Fractionator Feed Heater	1	VC	I.T.T.
JGC	Japan	SRC Basrah	Iraq	2021	Steam Reformer	2	Side Fired	HTAS



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
KBR	USA	ORLEN	Poland	2021	Steam Cracker Heaters	5	VB	KBR
PETROJET	Egypt	SOPC	Egypt	2021	Stripper Reboiler Heater	1	VC	I.T.T.
TCM-KT JV	Italy	SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	2021	Stabilizer Heater	1	VC	I.T.T.
TCM-KT JV	Italy	SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	2021	HDS Reactor heater	1	VC	I.T.T.
TCM-KT JV	Italy	SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	2021	HDS Reactor heater	1	VC	I.T.T.
PETROJET	Egypt	SOPC	Egypt	2021	Charge Heater	1	VC	I.T.T.
PETROJET	Egypt	SOPC	Egypt	2021	Reactor Feed Heater	1	VC	I.T.T.
PETROJET	Egypt	SOPC	Egypt	2021	Vacuum	1	HB	I.T.T.
ENGRO FERTILIZER	Pakistan	ENGRO FERTILIZER	Pakistan	2021	Transfer Line for Steam Reformer	1	na	FW/I.T.T.
OMV	Austria	OMV	Austria	2021	Combustion Chamber + WHRU	1	Conv. Section	I.T.T.
GASCO	Egypt	GASCO	Egypt	2021	Revamping reboilers	1	VC	I.T.T.
FATIMA GROUP	Pakistan	FATIMA GROUP	Pakistan	2021	Revamp-WHS	1	Conv. Section	KBR
SAIPEM	Saudi Arabia	SAUDI ARAMCO	Saudi Arabia	2021	WHRU	1	Conv. Section	I.T.T.
SAIPEM	Saudi Arabia	SAUDI ARAMCO	Saudi Arabia	2021	WHRU	1	Conv. Section	I.T.T.
SAIPEM	Saudi Arabia	SAUDI ARAMCO	Saudi Arabia	2021	WHRU	1	Conv. Section	I.T.T.
SAIPEM	Saudi Arabia	SAUDI ARAMCO	Saudi Arabia	2021	WHRU	1	Conv. Section	I.T.T.
ORLEN Lietuva	Lithuania	ORLEN Lietuva	Lithuania	2020	CCR Revamping	1	Hoop	I.T.T.
RAFFINERIA DI MILAZZO	Italy	RAFFINERIA DI MILAZZO	Italy	2020	Topping 3 Revamping	1	HB	-
FAUJI FERTILIZER Co	Pakistan	FCC	Pakistan	2020	Steam Reformer Revamping	1	Conv. Section	HTAS
DANIELI & C. OFFICINE MECCANICHE	Italy	OMK	Russia	2020	Steam Reformer	1	Top Fired	I.T.T.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
RAFFINERIA DI MILAZZO	Italy	RAFFINERIA DI MILAZZO	Italy	2020	Study - conversion of burners and CFD Analysis of five heaters	5	-	I.T.T.
PETROJET	Egypt	NASR PETROLEUM COMPANY	Egypt	2020	Reboiler	1	VC	I.T.T.
PETROJET	Egypt	NASR PETROLEUM COMPANY	Egypt	2020	Fractionator Feed Heater	1	VC	I.T.T.
PETROJET	Egypt	NASR PETROLEUM COMPANY	Egypt	2020	Stripper Reboiler Heater	1	VC	I.T.T.
WISON ENERGY ENGINEERING LTD	China	SABIC	Saudi Arabia	2020	Feed Heater	1	Helical	I.T.T.
PTI ID	Mexico	PEMEX	Mexico	2020	Feed Charge Heater	1	VB	IMP Instituto Mexicano del Petroleo
PTI ID	Mexico	PEMEX	Mexico	2020	Fractionator Reboiler Heater	1	VC	IMP Instituto Mexicano del Petroleo
KTI	Poland	PKN ORLEN SA	Poland	2020	Visbreaker Heater	1	VB	SHELL
CCS JV (Saipem, McDermott)	Italy	ANADARKO	Mozambique	2020	Regeneration Gas Heaters and Hot Oil	4	VB	I.T.T.
AIR LIQUIDE	Italy	RAFFINERIA DI PRIOLO	Italy	2020	Convection Module Steam Reformer Revamping	1	Conv	HTAS
HDEC	Korea	SAUDI ARAMCO	Saudi Arabia	2020	Hot Oil	2	VB	I.T.T.
HEC	Korea	PDH Polska	Poland	2019	CCR Oleflex PDH	1	Hoop	UOP
HEC	Korea	PDH Polska	Poland	2019	CCR Oleflex PDH	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.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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
China National Chemical Engineering Co.Ltd	China	Kazakhstan Petrochemicals Industrials Inc	Kazakhstan	2018	Charge Heater PDH	1	VB	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.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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 - Abadan 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
ENI	Italy	ENI	Italy	2017	CO Boiler Revamping	1	Conv. Section	KTI
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	Helical	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	Helical	I.T.T.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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.
TECNIMONT	Italy	KIMA	Egypt	2016	Steam Reformer	1	Top Fired	KBR
TECNIMONT	Italy	KIMA	Egypt	2016	Start Up Heater	1	Helical	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.
KBR	USA	KBR	-	2016	Steam Cracker Heaters SCORE Detailed Eng. & 3D Modelling	5	VB	KBR
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.





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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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	Helical	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
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	Helical	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	UOP
GS E&C	Korea	SCOP	Iraq	2014	Vacuum	1	BOX	UOP
TOYO	Japan	PETROBRAS Uberaba	Brazil	2014	Start Up Heater	1	Helical	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



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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
SAMSUNG ENGINEERING Co., Ltd.	Korea	SOCAR - State Oil Company of Azerbaijan Republic	Azerbaijan	2014	Start Up Heater	1	Helical	I.T.T.
DAELIM	Korea	MA'ADEN	Saudi Arabia	2014	Start Up Heater	1	Helical	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	Helical	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



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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
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 PDH	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	Helical	I.T.T.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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
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 Vaporizer	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
TEHRAN JONOOb TECHNICAL & CONSTRUCTION Co.	Iran	TEHRAN JONOOb TECHNICAL & CONSTRUCTION Co.	Iran	2011	Steam Reformer	2	Side Fired	HTAS



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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.
EN/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
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



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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 PDH	1	VB	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	Process Gas Heater	1	VB	I.T.T.
TNGD Consortium - Technimont (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.
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	Helical	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



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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	GULF FARABI	Saudi Arabia	2010	Hot Oil	1	VB	UOP
GULF FARABI / UHDE India	Saudi Arabia	GULF FARABI	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.
Helical	Iran	LUBE OIL REFINERY	Iran	2009	Hot Oil	1	Helical	I.T.T.
HEC	Korea	NAFTEC SpA	Algeria	2009	Hot Oil	1	VB	I.T.T.
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	NIOC / 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.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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.
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





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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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	Helical	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	NASR PETROLEUM COMPANY	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.
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.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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
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



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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
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.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
SAMSUNG ENGINEERING Co., Ltd.	Korea	NPPC	Saudi Arabia	2005	Charge Heater PDH	1	VB	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.
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



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
POLIMERI EUROPA	Italy	POLIMERI EUROPA - Sarroch	Italy	2003	Study - Reforming Heaters	1	Box	
UHDE	Germany	MOL	Hungary	2003	Feed Heater	1	VC	I.T.T.
UHDE	Germany	MOL	Hungary	2003	Feed Heater	1	VC	I.T.T.
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
GRINAKE - 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 PDH	1	VB	Lummus / I.T.T.



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



CONTRACTOR	COUNTRY	OWNER	PLANT SITE COUNTRY	YEAR	SERVICE	Q.TY	HEATER TYPE	DESIGN
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.
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	Helical	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