



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



| CONTRACTOR | COUNTRY | OWNER | PLANT SITE COUNTRY | YEAR | SERVICE | Q.TY | HEATER TYPE | DESIGN |
|--|-----------------|--|--------------------|------|--|------|---------------|-----------|
| 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 | ITT |
| ORLEN Lietuva | Lithuania | ORLEN Lietuva | Lithuania | 2018 | Study to revamp two heaters | 2 | NA | ITT |
| SKEC | Korea | SK Energy | Korea | 2018 | Reactor Feed | 2 | HB | ITT |
| SKEC | Korea | SK Energy | Korea | 2018 | Fractionator Feed | 1 | HB | ITT |
| L&T | India | HPCL Visakh Refinery | India | 2018 | Crude | 2 | VB | EIL/ITT |
| L&T | India | HPCL Visakh Refinery | India | 2018 | Vacuum | 1 | HB | EIL/ITT |
| L&T | India | HPCL Visakh Refinery | India | 2018 | Fractionator Feed | 1 | HB | UOP/ITT |
| L&T | India | HPCL Visakh Refinery | India | 2018 | Combined Feed | 1 | VB | UOP/ITT |
| 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 | ITT |
| CASALE | Switzerland | Metafrax | Russia | 2017 | Start Up Heater | 1 | VC | ITT |
| 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 |
| 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 | ITT |
| RAFFINERIA DI GELA | Italy | RAFFINERIA DI GELA | Italy | 2017 | Charge Heater | 1 | VC | ITT |
| TIANCHEN | China | SABIC | Saudi Arabia | 2017 | Steam Reformer | 1 | Top Fired | Kellog |
| EIL | India | IOCL | India | 2017 | Steam Reformer | 1 | Side Fired | HTAS |
| PIDEC | Iran | \ | Iran | 2017 | Start Up Heater | 1 | VC | HTAS |
| 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 | ITT |
| SAZEH-JAHAN PARS (Falcon) | Iran | NIGC-Bid Boland Gas Refining Company | Iran | 2017 | Regeneration Gas Heater | 1 | VC | ITT |
| LG CHEM | Korea | LG CHEM | Korea | 2016 | Hot Oil | 2 | VC | ITT |
| 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. |

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| 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 | 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. |
| 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 |
| 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 |

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| 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 | 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 | Top 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 | YPF | 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 |
| 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 INDUSTRIA NAFTE d.d. | Croatia | INA INDUSTRIA 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 |
| 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 |

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|---|---------|--|--------------------|------|---|------|-------------|--------|
| 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 | Low Pressure-Loss Steam Superheater Package | 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 |
| TEHRAN JONO OB TECHNICAL & CONSTRUCTION Co. | Iran | TEHRAN JONO OB 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 | SSH Heater | 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 |

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| 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 | I.T.T. |
| HEC | Korea | TAKREER | UAE | 2011 | Charge Heater | 1 | Box | I.T.T. |
| 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. |
| 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. |
| PIDEC | Iran | KAVEH METHANOL | Iran | 2010 | Steam Reformer | 1 | Top Fired | 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. |
| 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. |

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| 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. |
| 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 |
| 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. |

| 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 |
| 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 | Charge Heater | 1 | Box | I.T.T. |
| DAELIM | Korea | SKEC | Korea | 2006 | Charge Heater | 1 | Box | I.T.T. |
| DAELIM | Korea | SKEC | Korea | 2006 | Charge Heater | 1 | Box | I.T.T. |
| SKEC | Korea | SKEC | Korea | 2006 | Steam Reformer | 1 | Side Fired | HTAS |

| 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 | 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. |

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

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