



**KIRCHNER**

**FIRED HEATERS FOR REFINERIES AND PETROCHEMICAL PLANTS**

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*Reference List*

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-10331	ENI S.p.A.	Priolo (SR)	Italy	Saipem	Bioraffineria di Priolo - Ecofining	B-8251	Product Fractionator Reboiler	2026	UOP
B-10330	ENI S.p.A.	Priolo (SR)	Italy	Saipem	Bioraffineria di Priolo - Ecofining	B-8202	Isomerization Combined Feed Heater	2026	UOP
B-10329	ENI S.p.A.	Priolo (SR)	Italy	Saipem	Bioraffineria di Priolo - Ecofining	B-8201	Treating Combined Feed Heater	2026	UOP
B-4388-4580/RIP/25/1	QATAR ENERGY LNG	Ras Laffan	Qatar	Qatar Energy LNG	Unit 03 Dehydration - Train 4	24/52-F0301	Two Convection Section Module Replacement of Regenerant Heater	2025	Kirchner Italia
B-1825/RIP/24/1	Mellitah Oil & Gas B.V.	Off-shore El Bourri	Libya	Mellitah Oil & Gas B.V.	Bouri Offshore Field Project DP4	32H01A&C	General Overhauling & Refurbishment of DP4 Hot Oil Heater	2025	Kirchner Italia
B-10169	OMV Petrom S.A.	Ploiesti	Romania	OMV Petrom S.A.	Sustainable Aviation Fuel and Hydrotreated Vegetable Oil (SAF HVO) Project	126B0501	Product Fractionator Reboiler	2025	UOP
B-10168	OMV Petrom S.A.	Ploiesti	Romania	OMV Petrom S.A.	Sustainable Aviation Fuel and Hydrotreated Vegetable Oil (SAF HVO) Project	126B0002	Isomerization Combined Feed Heater	2025	UOP
B-10167	OMV Petrom S.A.	Ploiesti	Romania	OMV Petrom S.A.	Sustainable Aviation Fuel and Hydrotreated Vegetable Oil (SAF HVO) Project	126B0001	Treating Combined Feed Heater	2025	UOP
B-10180	EL-NASR COMPANY FOR INTERMEDIATE CHEMICALS (NCIC)	Ain El Sokhna	Egypt	Wuhuan Engineering Co. Ltd.	Phase 3 Phosphatic & Nitrogen Fertilizers Complex Project	101-B	Primary Reformer	2024	KBR
B-9880	PT PUPUK SRIWIDJAJA PALEMBANG (PUSRI)	Palembang	Indonesia	Wuhuan Engineering Co. Ltd.	1350 MTPD Ammonia unit and 2750 MTPD Urea unit PUSRI-IIIB Project	101-B	Primary Reformer	2024	KBR
B-10099 B	QATAR ENERGY QATARGAS OPERATING CO.LTD.	Ras Laffan	Qatar	Technip Energies France Qatar Branch	North Field South Project Onshore LNG Facilities	363-F0301	Regenerant Heater	2024	Kirchner Italia
B-10099 A	QATAR ENERGY QATARGAS OPERATING CO.LTD.	Ras Laffan	Qatar	Technip Energies France Qatar Branch	North Field South Project Onshore LNG Facilities	362-F0301	Regenerant Heater	2024	Kirchner Italia
B-4388-4580/RIP/23/1	QATAR ENERGY LNG	Ras Laffan	Qatar	Qatar Energy LNG	Unit 03 Dehydration - Train 4	24/52-F0301	Two Convection Section Module Replacement of Regenerant Heater	2024	Kirchner Italia
B-10059-10060	SAUDI ARABIAN MINING COMPANY (MA'ADEN)	Ras Al Khair	Saudi Arabia	DL E&C Co. Ltd.	Ammonia Plant Ma'aden III Project	1031B002	Convection Section Coil Bundles E31/E32	2024	ThyssenKrupp Uhde
B-4228/RIP/24/1	ABU DHABI NATIONAL OIL COMPANY (ADNOC)	Rumaita, Abu Dhabi	U.A.E.	China Petroleum Eng. & Constr. Corp. Abu Dhabi (CPECC)	EPCM Project SWING	44-01-H-6001	Upgradation of Hot Oil Fired Heater	2024	Kirchner Italia
B-3584/RIP/23/1	PROFERTIL	Bahia Blanca	Argentina	Profertil SA	2050 MTPD Ammonia Plant	02-F-201	Revamping of Convection Coil of Primary Reformer	2023	Haldor Topsøe
B-9932	BANGCHAK SUSTAINABLE GREEN FUEL COMPANY LIMITED	Bangkok	Thailand	TTCL Public Company Ltd	Plant 4 Sustainable Fuel Development Project, SFP (Sustainable Aviation Fuel Unit, SAFU)	4F-3603	Product Fractionator Reboiler	2023	UOP
B-9931	BANGCHAK SUSTAINABLE GREEN FUEL COMPANY LIMITED	Bangkok	Thailand	TTCL Public Company Ltd	Plant 4 Sustainable Fuel Development Project, SFP (Sustainable Aviation Fuel Unit, SAFU)	4F-3602	Isomerization Feed Heater	2023	UOP
B-9930	BANGCHAK SUSTAINABLE GREEN FUEL COMPANY LIMITED	Bangkok	Thailand	TTCL Public Company Ltd	Plant 4 Sustainable Fuel Development Project, SFP (Sustainable Aviation Fuel Unit, SAFU)	4F-3601	Treating Combined Feed Heater	2023	UOP
B-9728	AIR PRODUCTS BUKHARA FE LLC	Bukhara Region	Uzbekistan	Air Products Equipment Ltd U.K.	GCC Karakul Methanol to Olefin MTO Project	201-H202	ATR / Pre Reformer Feed Preheater	2023	Haldor Topsøe/ Kirchner Italia
B-9727	AIR PRODUCTS BUKHARA FE LLC	Bukhara Region	Uzbekistan	Air Products Equipment Ltd U.K.	GCC Karakul Methanol to Olefin MTO Project	201-H201	Steam Superheater	2023	Haldor Topsøe/ Kirchner Italia

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B-9939	PCS NITROGEN FERTILIZER, L.P. (NUTRIEN)	Geismar	USA	ThyssenKrupp Uhde GmbH	Clean Ammonia Plant 3500 MTPD	1031U011	Fired Heater II (Steam Heater)	2023	ThyssenKrupp Uhde (Gascontech)/ Kirchner Italia
B-9938	PCS NITROGEN FERTILIZER, L.P. (NUTRIEN)	Geismar	USA	ThyssenKrupp Uhde GmbH	Clean Ammonia Plant 3500 MTPD	1031U010	ATR / Fired Heater I (Process Heater)	2023	ThyssenKrupp Uhde (Gascontech)/ Kirchner Italia
B-9708	SONATRACH	Arzew	Algeria	J.V. CNTIC-LPEC (CHINA NATIONAL TECHNICAL IMPORT & EXPORT CORP. / SINOPEC LUOYANG ENG.)	Realisation en EPC d'installations de production de METHYL TERT-BUTYL ETHER (MTBE) PROJECT	3100-H-003	No.2 Interheater	2023	UOP
B-9707	SONATRACH	Arzew	Algeria	J.V. CNTIC-LPEC (CHINA NATIONAL TECHNICAL IMPORT & EXPORT CORP. / SINOPEC LUOYANG ENG.)	Realisation en EPC d'installations de production de METHYL TERT-BUTYL ETHER (MTBE) PROJECT	3100-H-002	No.1 Interheater	2023	UOP
B-9706	SONATRACH	Arzew	Algeria	J.V. CNTIC-LPEC (CHINA NATIONAL TECHNICAL IMPORT & EXPORT CORP. / SINOPEC LUOYANG ENG.)	Realisation en EPC d'installations de production de METHYL TERT-BUTYL ETHER (MTBE) PROJECT	3100-H-001	Charge Heater	2023	UOP
B-2705/RIP/22/1	SUPERMETANOL, C.A.	Jose-Edo.Anzoategui	Venezuela	Supermetanol, C.A.	2000 MTPD Methanol	H-4101	E-4112 C Mixed Feed Heater Coil for Reformer	2023	Kirchner Italia/ Davy McKee
B-1825/RIP/19/1	Mellitah Oil & Gas B.V.	Off-shore El Bour	Libya	Mellitah Oil & Gas B.V.	Bouri Offshore Field Project DP4	32H01B	General Overhauling & Refurbishment of DP4 Hot Oil Heater	2022	Kirchner Italia
B-9539	AIR PRODUCTS CANADA LTD.	Edmonton	Canada	Air Products and Chemicals, Inc.	Edmonton 3 Hydrogen Project	F-151	ATR / Feed Preheater - Fired Heater Package	2022	Haldor Topsøe/ Kirchner Italia
MI-B-1677-78-79/RIP/21/1	NPC AMREYA PETROLEUM REFINING COMPANY	Alexandria	Egypt	The Petroleum Projects and Technical Consultations Co. (PETROJET)	Platforming	H-4101/02/03	Revamping of Platformer Heater	2022	Kirchner Italia
B-642/RIP 21	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	Eni S.p.A.	CO-Boiler	B-5802	Replacement of SG1 Bank and partial restoration of SSH Bank	2022	-
B-9046 D	QATAR ENERGY QATARGAS OPERATING CO.LTD.	Ras Laffan	Qatar	CTEP Japan Ltd. Liability Partnership: (Chiyoda Corp. & Technip Energies Japan Goudo Kaisha)	North Field East Project Onshore LNG Facilities	73-F-0301	Regenerant Heater	2022	Kirchner Italia
B-9046 C	QATAR ENERGY QATARGAS OPERATING CO.LTD.	Ras Laffan	Qatar	CTEP Japan Ltd. Liability Partnership: (Chiyoda Corp. & Technip Energies Japan Goudo Kaisha)	North Field East Project Onshore LNG Facilities	72-F-0301	Regenerant Heater	2022	Kirchner Italia
B-9046 B	QATAR ENERGY QATARGAS OPERATING CO.LTD.	Ras Laffan	Qatar	CTEP Japan Ltd. Liability Partnership: (Chiyoda Corp. & Technip Energies Japan Goudo Kaisha)	North Field East Project Onshore LNG Facilities	63-F-0301	Regenerant Heater	2022	Kirchner Italia
B-9046 A	QATAR ENERGY QATARGAS OPERATING CO.LTD.	Ras Laffan	Qatar	CTEP Japan Ltd. Liability Partnership: (Chiyoda Corp. & Technip Energies Japan Goudo Kaisha)	North Field East Project Onshore LNG Facilities	62-F-0301	Regenerant Heater	2022	Kirchner Italia
B-9553	SAUDI ARABIAN FERTILIZER CO. (SAFCO)	Al Jubail	Saudi Arabia	Saudi Basic Industries Corp. SABIC	Ammonia Plant 4	SF4	Replacement of SF4 Convection Coils	2021	ThyssenKrupp Industrial Solutions AG
B-566/RIP 18	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	Eni S.p.A.	Topping 1	B5301	Revamping of Topping Heater	2021	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-9431	NESTE NETHERLANDS B.V.	Rotterdam	Netherlands	Neste Netherlands B.V.	Neste Rotterdam Site Development Project	56BA-01	Hot Oil Heater	2021	Kirchner Italia
B-9314	ASSIUT OIL PROCESSING COMPANY (ANOPC)	Assiut	Egypt	Enppi	Assiut Hydrocracking Complex Project (AHC)	02-H-001	Reactor Feed Heater	2021	Kirchner Italia
B-9313	ASSIUT OIL PROCESSING COMPANY (ANOPC)	Assiut	Egypt	Enppi	Assiut Hydrocracking Complex Project (AHC)	01-H-001	Vacuum Heater	2021	Kirchner Italia
B-9045	S.C. ROMPETROL RAFINARE S.A.	Ploiesti Prahova County	Romania	Rominserv SRL	Ris-Vega-Cuptor-DV Project Code	H101	Vacuum Distillation Heater with Air Preheating System	2020	Kirchner Italia
B-9125	PT PERTAMINA	Balikpapan	Indonesia	SK Engineering and Construction Co. Ltd.	RDMP RU-V Balikpapan Project	A-052-11-F1	Catalyst Coolers Auxiliaries Furnace	2019	Kirchner Italia
B-9078	THAI OIL PUBLIC COMPANY LTD.	Sriracha	Thailand	PSS Netherlands B.V. Sharjah Branch: (Petrofac, Saipem, Samsung JV)	Clean Fuels Project	F-10704	Hydrogen Feed Furnace	2019	Saipem / Kirchner Italia
B-9076	THAI OIL PUBLIC COMPANY LTD.	Sriracha	Thailand	PSS Netherlands B.V. Sharjah Branch: (Petrofac, Saipem, Samsung JV)	Clean Fuels Project	F-10702	DAO Feed Furnace	2019	Saipem / Kirchner Italia
B-9075	THAI OIL PUBLIC COMPANY LTD.	Sriracha	Thailand	PSS Netherlands B.V. Sharjah Branch: (Petrofac, Saipem, Samsung JV)	Clean Fuels Project	F-10701	LC-MAX Reactor Feed Furnace	2019	Saipem / Kirchner Italia
B-9073	THAI OIL PUBLIC COMPANY LTD.	Sriracha	Thailand	PSS Netherlands B.V. Sharjah Branch: (Petrofac, Saipem, Samsung JV)	Clean Fuels Project	F-10603	2nd Stage Reactor Feed Furnace	2019	Saipem / Kirchner Italia
B-9072	THAI OIL PUBLIC COMPANY LTD.	Sriracha	Thailand	PSS Netherlands B.V. Sharjah Branch: (Petrofac, Saipem, Samsung JV)	Clean Fuels Project	F-10602	1st Stage "B" Reactor Feed Furnace	2019	Saipem / Kirchner Italia
B-9071	THAI OIL PUBLIC COMPANY LTD.	Sriracha	Thailand	PSS Netherlands B.V. Sharjah Branch: (Petrofac, Saipem, Samsung JV)	Clean Fuels Project	F-10601	1st Stage "A" Reactor Feed Furnace	2019	Saipem / Kirchner Italia
B-8068	MIDDLE EAST OIL REFINERY (MIDOR)	Alexandria	Egypt	Technip Italy S.p.A.	Early Works Midor Refinery Expansion Project	20-H-51	Product Fractionator Feed Heater	2019	UOP / Kirchner Italia
B-8067	MIDDLE EAST OIL REFINERY (MIDOR)	Alexandria	Egypt	Technip Italy S.p.A.	Early Works Midor Refinery Expansion Project	18-H-01	Combined Feed Heater	2019	UOP
B-7927	MIDDLE EAST OIL REFINERY (MIDOR)	Alexandria	Egypt	Technip Italy S.p.A.	Early Works Midor Refinery Expansion Project	20-H-01	Combined Feed Heater	2019	UOP / Kirchner Italia
B-8649 C	KUWAIT NATIONAL PETROLEUM COMPANY (K.S.C.)	Mina Al-Ahmadi	Kuwait	Sinopec Engineering (Group) Company Ltd.	Replacement of Uniflux Heaters, LPG Trains 1,2,3 - MAA Refinery Project	H-33-006	Regeneration Gas Heater	2019	Kirchner Italia
B-8649 B	KUWAIT NATIONAL PETROLEUM COMPANY (K.S.C.)	Mina Al-Ahmadi	Kuwait	Sinopec Engineering (Group) Company Ltd.	Replacement of Uniflux Heaters, LPG Trains 1,2,3 - MAA Refinery Project	H-32-006	Regeneration Gas Heater	2019	Kirchner Italia
B-8649 A	KUWAIT NATIONAL PETROLEUM COMPANY (K.S.C.)	Mina Al-Ahmadi	Kuwait	Sinopec Engineering (Group) Company Ltd.	Replacement of Uniflux Heaters, LPG Trains 1,2,3 - MAA Refinery Project	H-31-006	Regeneration Gas Heater	2019	Kirchner Italia
B-7993	SAUDI ARABIAN MINING COMPANY (MA'ADEN)	Ras Al Khair	Saudi Arabia	ThyssenKrupp Industrial Solutions AG	Ammonia Plant Ma'aden III Project	1031B002	Steam Reformer Convection Bank	2019	ThyssenKrupp Industrial Solutions AG
B-8929	NESTE SINGAPORE PTE LTD.	Singapore	Singapore	Neste Singapore Pte Ltd.	Neste Singapore Expansion Project	56BA-01	Hot Oil Heater	2019	Kirchner Italia
B-8790	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 018 - 1RHCU Unit	018F0002	Vacuum Column Feed Furnace	2018	Kirchner Italia
B-8789	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 018 - 1RHCU Unit	018F0001	ATM Column Feed Furnace	2018	Kirchner Italia
B-8788 B	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 018 - 1RHCU Unit	018F2002	Train 2 - Recycle Hydrogen Furnace	2018	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-8788 A	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 018 - 1RHCU Unit	018F1002	Train 1 - Recycle Hydrogen Furnace	2018	Kirchner Italia
B-8787 B	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 018 - 1RHCU Unit	018F2001	Train 2 - Reactor Feed Furnace	2018	Kirchner Italia
B-8787 A	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 018 - 1RHCU Unit	018F1001	Train 1 - Reactor Feed Furnace	2018	Kirchner Italia
B-8799	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 019 - No.2 Hydrocracking Unit - 2HCU	019F0003	Fractionator Feed Furnace	2018	Kirchner Italia
B-8798	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 019 - No.2 Hydrocracking Unit - 2HCU	019F0002	2nd Stage Reactor Feed Furnace	2018	Chevron Lummus Global/ Kirchner Italia
B-8797	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - 019 - No.2 Hydrocracking Unit - 2HCU	019F0001	1st Stage Reactor Feed Furnace	2018	Chevron Lummus Global/ Kirchner Italia
B-8796	BAHRAIN PETROLEUM COMPANY B.S.C.	Bahrain	Kingdom of Bahrain	TTS JV: Technip Italy S.p.A. Technip USA Inc. Tecnicas Reunidas S.A. Samsung Eng. Co. Ltd.	BAPCO Modernization Project - No. 3 Hydrodesulphurization Unit (3HDU), Plant 021	021F0001	Combined Feed Heater	2018	UOP
B-5370/RIP 17/1	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	Eni S.p.A.	EST, Slurry Technology Plant - Rebuilding	B-90101	Revamping of Recycle Gas Heater	2018	Kirchner Italia
B-4388-89/RIP/18/2	QATAR LIQUEFIED GAS COMPANY	Ras Laffan	Qatar	Doosan Babcock W.L.L.	Unit 03 Dehydration - Train 4	24-F0301	Convection Zone Replacement of Regenerant Heater	2018	Kirchner Italia
B-4329/RIP 17/1	API RAFFINERIA DI ANCONA	Falconara Marittima	Italy	API Raffineria di Ancona	Hydrogen Plant	F-3651-2	Refurbishment of Steam Reforming Heater	2017	Haldor Topsøe
B-7886	BFI BRUNEI FERTILIZER INDUSTRIES	Sungai Liang Industrial Park	Brunei	ThyssenKrupp Industrial Solutions AG	Fertilizer Complex Plant	03B002	Steam Reformer Convection Bank	2017	ThyssenKrupp Industrial Solutions AG
B-8578	PARS BEHIN PALAYESH NAFT QESHM	Qeshm	Iran	Hengam Qeshm Industrial Mobilization and Development Co. (HQIMDC) / Euro Phoenix a.s.	Qeshm Heavy Crude Oil Refinery Project (PHASE II)	H-5151	Vacuum Heater	2017	Kirchner Italia
B-8577	PARS BEHIN PALAYESH NAFT QESHM	Qeshm	Iran	Hengam Qeshm Industrial Mobilization and Development Co. (HQIMDC) / Euro Phoenix a.s.	Qeshm Heavy Crude Oil Refinery Project (PHASE II)	H-5101	Crude Heater	2017	Kirchner Italia
B-4388-89/RIP/17/1	QATAR LIQUEFIED GAS COMPANY	Ras Laffan	Qatar	Qatargas Operating Co. Ltd.	Unit 03 Dehydration - Trains 4-5	24-F0301	Convection Zone Replacement of Regenerant Heater	2017	Kirchner Italia
B-4388-89/SC/17/3	QATAR LIQUEFIED GAS COMPANY	Ras Laffan	Qatar	Descon Engineering Qatar LLC	Unit 03 Dehydration - Trains 4-5	25-F0301	Convection Zone Replacement of Regenerant Heater	2017	Kirchner Italia
B-3584/RIP 14/1 rev.3	PROFERTIL	Bahia Blanca	Argentina	Profertil SA	2050 MTPD Ammonia Plant	02-F-201	Revamping of Convection Coil of Primary Reformer	2017	Haldor Topsøe
B-8205	OLTIN YO'L GTL	Karshi Kashkadarya	Uzbekistan	Hyundai Engineering Co. Ltd.	UZGTL Uzbekistan Gas-to-Liquids Project	150-HF-004	DW Fractionator Reboiler	2017	Kirchner Italia
B-8204	OLTIN YO'L GTL	Karshi Kashkadarya	Uzbekistan	Hyundai Engineering Co. Ltd.	UZGTL Uzbekistan Gas-to-Liquids Project	172-XP-007	Fired steam Superheater	2017	Technip/ Kirchner Italia
B-8203	OLTIN YO'L GTL	Karshi Kashkadarya	Uzbekistan	Hyundai Engineering Co. Ltd.	UZGTL Uzbekistan Gas-to-Liquids Project	150-HF-003	DW Reactor Feed Heater	2017	Kirchner Italia

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B-8202	OLTIN YO'L GTL	Karshi Kashkadarya	Uzbekistan	Hyundai Engineering Co. Ltd.	UZGTL Uzbekistan Gas-to-Liquids Project	150-HF-002	Fractionator Feed Heater	2017	Kirchner Italia
B-8201	OLTIN YO'L GTL	Karshi Kashkadarya	Uzbekistan	Hyundai Engineering Co. Ltd.	UZGTL Uzbekistan Gas-to-Liquids Project	150-HF-001	Hydrocracker Reactor Feed Heater	2017	Kirchner Italia
B-8200 B	OLTIN YO'L GTL	Karshi Kashkadarya	Uzbekistan	Hyundai Engineering Co. Ltd.	UZGTL Uzbekistan Gas-to-Liquids Project	120-HF-201	ATR / Fired Process Heater	2017	Haldor Topsøe/ Kirchner Italia
B-8200 A	OLTIN YO'L GTL	Karshi Kashkadarya	Uzbekistan	Hyundai Engineering Co. Ltd.	UZGTL Uzbekistan Gas-to-Liquids Project	120-HF-101	ATR / Fired Process Heater	2017	Haldor Topsøe/ Kirchner Italia
B-3775/RIP 16/1	ENI	Sannazzaro de' Burgondi (PV)	Italy	Eni S.p.A.	Catalytic Reforming RC2	B-5102	Retubing of Process Heater	2016	Kirchner Italia
B-8133	PARS BEHIN PALAYESH NAFT QESHM	Qeshm	Iran	Hengam Qeshm Industrial Mobilization and Development Co. (HQIMDC) / Euro Phoenix a.s.	Qeshm Heavy Crude Oil Refinery Project	H-151	Vacuum Heater	2016	Kirchner Italia
B-8132	PARS BEHIN PALAYESH NAFT QESHM	Qeshm	Iran	Hengam Qeshm Industrial Mobilization and Development Co. (HQIMDC) / Euro Phoenix a.s.	Qeshm Heavy Crude Oil Refinery Project	H-101	Crude Heater	2016	Kirchner Italia
B-1533/ RIP/16	MOTOR OIL (HELLAS)	Corinth	Greece	Motor Oil (Hellas) Corinth Refineries S.A.	Lube Oil Plant	H-351	New Air Preheating System for Hot Oil Heater	2016	Kirchner Italia
B-8103	SHANXI YANCHANG PETROLEUM YANAN ENERGY AND CHEMICAL CO. LTD	Yan'an	China	China Chengda Engineering Co. Ltd.	Yan'an Oil-Coal-Gas-Resources Comprehensive Utilization Project 1,800,000 MTPY Methanol Plant	0402-E301/1/2 E302/1/2 E303/1/2 E304	Reformer Convection Section Coil Module	2016	Davy Process Technology
B-8015	HENGAM PETROCHEMICAL COMPANY (HPC)	Assaluyeh	Iran	Petrochemical Industrial Design & Engineering Co. (Pidec)	Hengam Fertilizer Project	-	Inlet System & Outlet Hairpin - Reformer Unit	2016	Haldor Topsøe
B-7942	ANRPC	Alexandria	Egypt	Enppi	New Continuous Catalytic Reforming & Platforming Unit	400-H05	Debutanizer Reboiler Heater	2016	Kirchner Italia
B-7941	ANRPC	Alexandria	Egypt	Enppi	New Continuous Catalytic Reforming & Platforming Unit	400-H04	3rd Interheater	2016	UOP
B-7940	ANRPC	Alexandria	Egypt	Enppi	New Continuous Catalytic Reforming & Platforming Unit	400-H03	2nd Interheater	2016	UOP
B-7939	ANRPC	Alexandria	Egypt	Enppi	New Continuous Catalytic Reforming & Platforming Unit	400-H02	1st Interheater	2016	UOP
B-7938	ANRPC	Alexandria	Egypt	Enppi	New Continuous Catalytic Reforming & Platforming Unit	400-H01	Charge Heater	2016	UOP
B-7975	EORC	Esfahan	Iran	Nargan Engineers and Constructors	Esfahan Refinery Upgrading Project Diesel Hydrotreatment Project - DHT	H-8901	Tail Gas Heater	2016	Kirchner Italia
B-7974 B	EORC	Esfahan	Iran	Nargan Engineers and Constructors	Esfahan Refinery Upgrading Project Diesel Hydrotreatment Project - DHT	H-8601	HDS Charge Heater	2016	Kirchner Italia
B-7974 A	EORC	Esfahan	Iran	Nargan Engineers and Constructors	Esfahan Refinery Upgrading Project Diesel Hydrotreatment Project - DHT	H-6601	HDS Charge Heater	2016	Kirchner Italia
B-8006 A÷F	PERSIAN GULF BID BOLAND	Bid Boland	Iran	Award Technology	Gas Treating Plant	HRSG-405-001 A÷F	HRSG Packages for Residue Gas Compressors	2016	Kirchner Italia
B-7513	PT PETROKIMIA GRESIK	Gresik	Indonesia	Wuhuan Engineering Co., Ltd	Ammonia Urea II	102-B	Start-up Heater	2015	KBR/ Kirchner Italia
B-7870 B	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1212-A-610	Waste Heat Boiler	2015	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-7870 A	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1211-A-610	Waste Heat Boiler	2015	Kirchner Italia
B-7869 D	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1212-F-201	Reactor Feed Furnace	2015	Kirchner Italia
B-7869 C	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1212-F-101	Reactor Feed Furnace	2015	Kirchner Italia
B-7869 B	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1211-F-201	Reactor Feed Furnace	2015	Kirchner Italia
B-7869 A	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1211-F-101	Reactor Feed Furnace	2015	Kirchner Italia
B-7868 B	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1212-F-001	Fractionator Feed Furnace	2015	Kirchner Italia
B-7868 A	PETRONAS	Johor	Malaysia	Sinopec Engineering (Group) Company Ltd.	Rapid Package 2 - CDU, ARDS & HCDU Units	1211-F-001	Fractionator Feed Furnace	2015	Kirchner Italia
B-7845	BUSHEHR PETROCHEMICAL COMPANY (BUPC)	Assaluyeh	Iran	Catic Beijing Co. Ltd.	Methanol Plant	30-HE-1003 30-H-1001	Radiant section coil Primary reformer inlet hairpin and interconnecting piping	2015	Pidec
B-7336	BUSHEHR PETROCHEMICAL COMPANY (BUPC)	Assaluyeh	Iran	Kimiagar Sanat Pars Co. (KSP)	Gas Sweetening Plant Project	01-170-PKU-3	Regeneration Gas Heater	2015	Kirchner Italia
B-7335	BUSHEHR PETROCHEMICAL COMPANY (BUPC)	Assaluyeh	Iran	Kimiagar Sanat Pars Co. (KSP)	Gas Sweetening Plant Project	01-170-PKU-2	Regeneration Gas Heater	2015	Kirchner Italia
B-7903	DUSLO A.S.	Sal'a	Slovak Republic	Technip Italy	Ammonia Plant Duslo CPAVOK4 Project	10-HE-501	Start-up Heater	2015	Kirchner Italia
B-7981-2 A/B	ASIA PACIFIC	Rumaitha / Shanayel	U.A.E.	Asia Pacific	Rumaitha / Shanayel Facilities Project	H-101 H-102	Regeneration Gas Heaters	2015	Kirchner Italia
B-3067/RIP /14/1	YARA ITALIA	Ferrara	Italy	Yara Italia	Ammonia Plant	B201	Refurbishing of Steam Reforming Heater for 1500 MTPD	2015	Haldor Topsøe
B-7606	JSC SHCHEKINOAZOT	Shchekino	Russia	JSC Shchekinoazot	450000 MTPY Methanol / 135000 MTPY Ammonia Methanol / Ammonia Co-production Complex	H-501	Start-up Heater	2014	Kirchner Italia
B-7605	JSC SHCHEKINOAZOT	Shchekino	Russia	JSC Shchekinoazot	450000 MTPY Methanol / 135000 MTPY Ammonia Methanol / Ammonia Co-production Complex	H-201	Primary Reformer	2014	Haldor Topsøe
B-7634 B	STATE COMPANY FOR OIL PROJECTS (SCOP)	Karbala	Iraq	HDGSK JV Hyundai/ GS E&C/ SK E&C	Hydrogen Plant Karbala Refinery Project	14-H-101	Primary Reformer	2014	Haldor Topsøe
B-7634 A	STATE COMPANY FOR OIL PROJECTS (SCOP)	Karbala	Iraq	HDGSK JV Hyundai/ GS E&C/ SK E&C	Hydrogen Plant Karbala Refinery Project	13-H-101	Primary Reformer	2014	Haldor Topsøe
B-7532	SINGAPORE REFINING COMPANY PRIVATE LTD.	Jurong	Singapore	JGC Corporation	FRCCS Desulphurization Unit Mogas Cogen Project	7102-B	2 <sup>nd</sup> Stage HDS Furnace	2014	Kirchner Italia
B-7531	SINGAPORE REFINING COMPANY PRIVATE LTD.	Jurong	Singapore	JGC Corporation	FRCCS Desulphurization Unit Mogas Cogen Project	7101-B	1 <sup>st</sup> Stage HDS Furnace	2014	Kirchner Italia
B-7559	RAFFINERIA DI MILAZZO	Milazzo (ME)	Italy	Raffineria di Milazzo	Vacuum	020-F-1	Revamping of Vacuum Heater with insertion of Air Preheater	2014	Kirchner Italia
B-7486	RAFFINERIA DI MILAZZO	Milazzo (ME)	Italy	Raffineria di Milazzo	Topping 3	013-F-1	Revamping of Topping Heater with insertion of Air Preheater	2014	Kirchner Italia
B-7070	SAUDI ARABIAN MINING COMPANY (MA'ADEN)	Ras Al Khair	Saudi Arabia	ThyssenKrupp Uhde GmbH	Ammonia Plant Ma'aden II Project	03B002	Steam Reformer Convection Bank	2014	ThyssenKrupp Uhde GmbH
B-7467	OJSC PHOSAGRO-CHEREPOVETS	Cherepovets, Vologda Region	Russia	Mitsubishi Heavy Industries Ltd.	2200 MTPD Ammonia Plant -RPA Project	1-H-1501	Start-up Heater	2014	Kirchner Italia

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B-7422	OJSC PHOSAGRO-CHEREPOVETS	Cherepovets, Vologda Region	Russia	Mitsubishi Heavy Industries Ltd.	2200 MTPD Ammonia Plant -RPA Project	1-H-1201	Primary Reformer	2014	Haldor Topsøe
B-7223	NGHI SON REFINERY and PETROCHEMICAL L.L.C.	Nghi Son	Vietnam	JGCS Consortium: JGC Corp., Chiyoda Corp., GS Eng.&Constr.Corp., SK Eng.&Constr. Co. Ltd., Technip France, Technip Geoproduction (M) Sdn. Bhd.	CCR Platforming	042-H-104	3rd Interheater	2013	UOP
B-7222	NGHI SON REFINERY and PETROCHEMICAL L.L.C.	Nghi Son	Vietnam	JGCS Consortium: JGC Corp., Chiyoda Corp., GS Eng.&Constr.Corp., SK Eng.&Constr. Co. Ltd., Technip France, Technip Geoproduction (M) Sdn. Bhd.	CCR Platforming	042-H-103	2nd Interheater	2013	UOP
B-7221	NGHI SON REFINERY and PETROCHEMICAL L.L.C.	Nghi Son	Vietnam	JGCS Consortium: JGC Corp., Chiyoda Corp., GS Eng.&Constr.Corp., SK Eng.&Constr. Co. Ltd., Technip France, Technip Geoproduction (M) Sdn. Bhd.	CCR Platforming	042-H-102	1st Interheater	2013	UOP
B-7220	NGHI SON REFINERY and PETROCHEMICAL L.L.C.	Nghi Son	Vietnam	JGCS Consortium: JGC Corp., Chiyoda Corp., GS Eng.&Constr.Corp., SK Eng.&Constr. Co. Ltd., Technip France, Technip Geoproduction (M) Sdn. Bhd.	CCR Platforming	042-H-101	Charge Heater	2013	UOP
REC-B-7228	SARAS S.p.A.	Sarroch	Italy	Sarlux S.r.l.	Atmospheric Distillation Unit Topping 1	T1-F101	Revamping of Topping Heater with insertion of Air Preheater	2013	Kirchner Italia
B-7080 A/B/C	PTT PUBLIC COMPANY LTD.	Rayong	Thailand	eTEC E&C Limited	WHRS-GSP5 Project	556F002 A/B/C	Waste Heat Recovery Units	2013	Kirchner Italia
B-6989, B-6992	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 410	R410-FR-1311/1321/1331/1341	Preheater / 1 <sup>st</sup> - 2 <sup>nd</sup> - 3 <sup>rd</sup> Interheater	2013	Kirchner Italia
B-6988	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 410	R410-FR-1220	Stripper Reboiler	2013	Kirchner Italia
B-6987	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 410	R410-FR-1211	Reactor Feed Heater	2013	Kirchner Italia
B-6986	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 420	R420-FR-2520	Deheptanizer Reboiler	2013	Kirchner Italia
B-6985	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 420	R420-FR-2511	Reactor Feed Heater	2013	Kirchner Italia
B-6984	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 420	R420-FR-2351	Reactor Feed Heater	2013	Kirchner Italia
B-6983	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 420	R420-FR-2340	Heavy Aromatics Reboiler	2013	Kirchner Italia
B-6982	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 420	R420-FR-2330	Toluene Column Reboiler	2013	Kirchner Italia
B-6981	ARAMCO OVERSEAS CO. B.V. & SUMITOMO CHEMICAL CO. LTD.	Rabigh	Saudi Arabia	Saipem	Rabigh II Refining & Petroch. Proj. Naphtha & Aromatics Package (RP2) Unit 420	R420-FR-2130	Xylenes Rerun Column Reboiler	2013	Kirchner Italia
B-6577 B	DANGOTE FERTILIZER Ltd.	Edo State	Nigeria	Saipem	2200 MTPD Ammonia Plant	21-F-501	Start-up Heater	2013	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-6577 A	DANGOTE FERTILIZER Ltd.	Edo State	Nigeria	Saipem	2200 MTPD Ammonia Plant	11-F-501	Start-up Heater	2013	Kirchner Italia
B-6576 B	DANGOTE FERTILIZER Ltd.	Edo State	Nigeria	Saipem	2200 MTPD Ammonia Plant	21-F-201	Primary Reformer	2013	Haldor Topsøe
B-6576 A	DANGOTE FERTILIZER Ltd.	Edo State	Nigeria	Saipem	2200 MTPD Ammonia Plant	11-F-201	Primary Reformer	2013	Haldor Topsøe
B-279 /RIP/12/1	FERTINITRO	Jose-Edo.Anzoategui	Venezuela	Fertinitro	3500 TMD Ammonia 4200 TMD Urea	12/22-F-201	Replacement of 12/22-E-230-1 SSH Upper Coil	2013	Haldor Topsøe
B-2705 /RIP/12/1	SUPERMETANOL	Jose-Edo.Anzoategui	Venezuela	Supermetanol	2000 MTPD Methanol	H-4101	Refurbishing of E-4110 SSH N°1 for Reformer	2012	Kirchner Italia/ Davy McKee
B-6764 A,F	WEATHERFORD OIL TOOL MIDDLE EAST Ltd.	Zubair	Iraq	Progetti Europa & Global (PEG)	Separator and Desalter Train Unit	2001FA001 (6 items)	Crude Oil Fired Heaters	2012	Kirchner Italia
B-6555	PTT GLOBAL CHEMICAL PUBLIC COMPANY LTD	Rayong	Thailand	Chiyoda Thailand Limited	Byproducts Value Added Project (BV Project)	F-4302	Regeneration Heater	2012	Kirchner Italia
B-6554	PTT GLOBAL CHEMICAL PUBLIC COMPANY LTD	Rayong	Thailand	Chiyoda Thailand Limited	Byproducts Value Added Project (BV Project)	F-4301	Isomerization Feed Heater	2012	Kirchner Italia
B-6316	ENI SPA Div. REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	ENI SPA Div. REFINING & MARKETING	DP2 Topping Unit	B-1011	Topping Heater	2011	Kirchner Italia
B-6166	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	SAU Plant	A-6599	Stack	2011	CB&I Lummus
B-6139 ÷ B-6142	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	CRU Plant	H-5301/02/03/04	CRU No.1/2/3 Reactor Feed Heater and Waste Heat Steam Generator	2011	CB&I Lummus
B-6138	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	NSU Plant	H-5001	Naphtha Splitter Reboiler Heater	2011	CB&I Lummus
B-6137	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	HCU Plant	H-3002	Fractionator Feed Furnace	2011	CB&I Lummus
B-6136	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	HCU Plant	H-3001	Reactor Feed Heater	2011	CB&I Lummus
B-6135	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	VBU Plant	H-2601	Visbreaker Heater	2011	CB&I Lummus
B-6134	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	VDU Plant	H-1601	Vacuum Heater	2011	CB&I Lummus
B-6143	STAATSOLIE MAATSCHAPPIJ SURINAME N.V.	Paramaribo	Suriname	Saipem	Hydrogen Plant	H-4001	Tubular Reformer	2011	Haldor Topsøe
B-6249	RAFFINERIA DI MILAZZO	Milazzo (ME)	Italy	RAFFINERIA DI MILAZZO	Hydrocracker Plant	23-FB01	Revamping of Recycle Gas Heater	2011	UOP / Kirchner Italia
B-5860	PRAXAIR - IOCL	Paradip	India	UHDE GmbH	Hydrogen Plant	B-0382	Steam Reformer Convection Bank	2010	Uhde GmbH
B-5416 ÷ B-5417 C	PARS OIL and GAS COMPANY	Assaluyeh	Iran	Petro Karan Shafagh Kish Co.	South Pars Gas Field Development - Phases 22, 23 & 24	116-H-101C / 201C	Two Ethane Regeneration Heaters	2010	Kirchner Italia
B-5408 ÷ B-5411 C	PARS OIL and GAS COMPANY	Assaluyeh	Iran	Petro Karan Shafagh Kish Co.	South Pars Gas Field Development - Phases 22, 23 & 24	104-H-101C / 201C / 301C / 401C	Four Driers Regeneration Furnaces	2010	Kirchner Italia
B-5416 ÷ B-5417 B	PARS OIL and GAS COMPANY	Assaluyeh	Iran	Petro Karan Shafagh Kish Co.	South Pars Gas Field Development - Phase 13	116-H-101B / 201B	Two Ethane Regeneration Heaters	2010	Kirchner Italia
B-5408 ÷ B-5411 B	PARS OIL and GAS COMPANY	Assaluyeh	Iran	Petro Karan Shafagh Kish Co.	South Pars Gas Field Development - Phase 13	104-H-101B / 201B / 301B / 401B	Four Driers Regeneration Furnaces	2010	Kirchner Italia
B-5755 C/D	POLIMERI EUROPA S.p.A.	Priolo (SR)	Italy	POLIMERI EUROPA S.p.A.	Steam Cracking Unit	B1003/ B1004	Revamping of Ethylene Cracking Furnaces	2010	Shaw Energy & Chemicals Ltd.
B-5437 ÷ B-5440	SO.NA.RA. Societe Nationale de Raffinage	Limbe	Cameroun	FOSTER WHEELER FRANCE	Evolution du schema de raffinage - EPC Phase 1	55 F 01 / 02 / 03 / 04	CCR	2010	Kirchner Italia
B-5436	SO.NA.RA. Societe Nationale de Raffinage	Limbe	Cameroun	FOSTER WHEELER FRANCE	Evolution du schema de raffinage - EPC Phase 1	15 F 01	Vacuum Heater	2010	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-5229	REFINERIA DE CARTAGENA S.A. (REFICAR)	Cartagena	Colombia	REFINERIA DE CARTAGENA S.A. (REFICAR)	HCU	110-HCU-F-101	Product Fractionator Feed Heater with common Air Preheating System	2010	Kirchner Italia
B-5228	REFINERIA DE CARTAGENA S.A. (REFICAR)	Cartagena	Colombia	REFINERIA DE CARTAGENA S.A. (REFICAR)	110 Unicracking Process (Reaction Section)	110-HCU-F-002	Stage 2 Charge Heater with common Air Preheating System	2010	UOP / Kirchner Italia
B-5227	REFINERIA DE CARTAGENA S.A. (REFICAR)	Cartagena	Colombia	REFINERIA DE CARTAGENA S.A. (REFICAR)	110 Unicracking Process (Reaction Section)	110-HCU-F-001	Stage 1 Charge Heater with common Air Preheating System	2010	UOP / Kirchner Italia
B-5200	REFINERIA DE CARTAGENA S.A. (REFICAR)	Cartagena	Colombia	REFINERIA DE CARTAGENA S.A. (REFICAR)	Vacuum Unit - Cartagena Refinery Expansion Project	100-CDU-F002	Vacuum Column Feed Heater with Air Preheating System	2010	KBC Advance Technologies Inc. / Kirchner Italia
B-5199	REFINERIA DE CARTAGENA S.A. (REFICAR)	Cartagena	Colombia	REFINERIA DE CARTAGENA S.A. (REFICAR)	Crude Unit - Cartagena Refinery Expansion Project	100-CDU-F001	Crude Column Feed Heater with Air Preheating System	2010	KBC Advance Technologies Inc. / Kirchner Italia
REC-B-427/09/1	POLIMERI EUROPA S.p.A.	Priolo (SR)	Italy	POLIMERI EUROPA S.p.A.	Isomerization Plant CR23	B001	Revamping of Reboiler Heater with insertion of Air Preheater	2010	Kirchner Italia
B-5755 A/B	POLIMERI EUROPA S.p.A.	Priolo (SR)	Italy	POLIMERI EUROPA S.p.A.	Steam Cracking Unit	B1001/ B1002	Revamping of Ethylene Cracking Furnaces	2010	Shaw Energy & Chemicals Ltd.
B-5549	CHONGQING CARBINOL CHEMICAL INDUSTRY Co. Ltd. (CCCCI)	Chongqing	China	CHONGQING TENDERING & PURCHASING (Group) Co. Ltd.	850,000 MTPY Methanol Plant	F12001 - E12002/1 through E12005	Top Fired Reformer Furnace	2009	Davy Process Technology
B-5374	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	ENI SPA REFINING & MARKETING	EST, Slurry Technology Plant	B-90105	VGO Upgrader Recycle Gas Heater with common Air Preheating System	2009	Kirchner Italia
B-5373	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	ENI SPA REFINING & MARKETING	EST, Slurry Technology Plant	B-90104	Atmospheric Column Reboiler with common Air Preheating System	2009	Kirchner Italia
B-5372	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	ENI SPA REFINING & MARKETING	EST, Slurry Technology Plant	B-90103	Upgrader Recycle Gas Heater with common Air Preheating System	2009	Kirchner Italia
B-5371	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	ENI SPA REFINING & MARKETING	EST, Slurry Technology Plant	B-90102	Fresh Feed Heater with common Air Preheating System	2009	Kirchner Italia
B-5370	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	ENI SPA REFINING & MARKETING	EST, Slurry Technology Plant	B-90101	Recycle Gas Heater with common Air Preheating System	2009	Kirchner Italia
REC-B-118C/RIP/09/1	RAFFINERIA DI GELA	Gela	Italy	Raffineria di Gela	Motor Fuel Plant	305.F.103	Interheater	2009	UOP
B-5416 ÷ B-5417	PARS OIL and GAS COMPANY	Assaluyeh	Iran	Petro Karan Shafagh Kish Co.	South Pars Gas Field Development - Phases 15 & 16	116-H-101 / 201	Two Ethane Regeneration Heaters	2009	Kirchner Italia
B-5408 ÷ B-5411	PARS OIL and GAS COMPANY	Assaluyeh	Iran	Petro Karan Shafagh Kish Co.	South Pars Gas Field Development - Phases 15 & 16	104-H-101 / 201 / 301 / 401	Four Driers Regeneration Furnaces	2009	Kirchner Italia
B-5366 A/B	RAFFINERIA DI ROMA	Roma	Italy	Raffineria di Roma	Platforming	H-2301 A/B	Revamping of Radiant and Convection Coils	2009	Kirchner Italia
B-5445	PETKIM PETROKIMYA HOLDING A.S.	Aliaga, Izmir	Turkey	Petkim Petrokimya Holding A.S.	Naphtha Steam Ethylene Cracking	E-101 AG	Quench Boilers	2009	Stone & Webster
B-5010	N.I.O.E.C.	Esfahan	Iran	Daelim Industrial Co.	Residue Hydrotreating Unit	H-74401	Recirculation Heater	2009	Kirchner Italia
B-5009	N.I.O.E.C.	Esfahan	Iran	Daelim Industrial Co.	Residue Hydrotreating Unit	H-74301	Splitter Feed Heater	2009	Kirchner Italia
B-5008	N.I.O.E.C.	Esfahan	Iran	Daelim Industrial Co.	Residue Hydrotreating Unit	H-74101 / H-74201	Two Reaction Feed Heaters	2009	Kirchner Italia
B-5441	SONATRACH	Arzew	Algeria	Saipem	GNL 3Z Project	18-MB01	Hot Oil Furnace	2009	Kirchner Italia
B-5058	JSC SIBUR HOLDING / TOBOLSK POLYMER, LLC Co.	Tobolsk	Russia	Tecnimont	Oleflex Process Unit - PDH/PP Project	H-11204	N° 3 Interheater	2008	UOP
B-5057	JSC SIBUR HOLDING / TOBOLSK POLYMER, LLC Co.	Tobolsk	Russia	Tecnimont	Oleflex Process Unit - PDH/PP Project	H-11203	N° 2 Interheater	2008	UOP
B-5056	JSC SIBUR HOLDING / TOBOLSK POLYMER, LLC Co.	Tobolsk	Russia	Tecnimont	Oleflex Process Unit - PDH/PP Project	H-11202	N° 1 Interheater	2008	UOP

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B-5055	JSC SIBUR HOLDING / TOBOLSK POLYMER, LLC Co.	Tobolsk	Russia	Tecnimont	Oleflex Process Unit - PDH/PP Project	H-11201	Charge Heater	2008	UOP
B-4937	ENI SPA REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	-	Vacuum	B-8201	Vacuum Heater with airpreheating system	2008	Kirchner Italia
B-5015	SABIC / SAFCO II	Al Jubail	Saudi Arabia	Haldor Topsøe	Ammonia and Urea Plant	1-H-101	Revamping of Convection Section Coils 1-E-102A and 1-E-103A of Primary Reformer	2008	Haldor Topsøe / Kirchner Italia
B-5021	RAFFINERIA DI MILAZZO	Milazzo (ME)	Italy	Raffineria di Milazzo	Topping 4	F1	Revamping of F1 Heater with Air Preheating System	2008	Kirchner Italia
B-4994	JSC SHCHEKINOAZOT	Shchekino	Russia	JSC Shchekinoazot	1350 MTPD Methanol Plant	E-1205	Fired steam superheater	2008	Kirchner Italia
B-4993	JSC SHCHEKINOAZOT	Shchekino	Russia	JSC Shchekinoazot	1350 MTPD Methanol Plant	H-1201	Reformer Package	2008	Haldor Topsøe
B-4901	QINGHAI ZHONGHAO Natural Gas Chemical Co.	Ge Ermu, Qinghai Province	China	IPM/CNCCC Int. Tendering Co.	2000 MTPD Methanol Plant	F-101 - E301/1 - E302/1 - E303/1	Top Fired Reformer Furnace	2007	Davy Process Technology
B-4839	ENI SPA REFINING & MARKETING	Taranto	Italy	Snamprogetti SPA	Topping	F-10201	Vacuum Heater with common airpreheating system	2007	Kirchner Italia
B-4838	ENI SPA REFINING & MARKETING	Taranto	Italy	Snamprogetti SPA	Topping	F-10101	Crude Heater with common airpreheating system	2007	Kirchner Italia
B-4814	ROMPETROL	Navodari	Romania	S.C.Rominserv S.A.	Mild Hydrocracking Unit	220-H-1	Reactor Feed Heater with common airpreheating system	2007	Axens / Kirchner Italia
B-4815	ROMPETROL	Navodari	Romania	S.C.Rominserv S.A.	Mild Hydrocracking Unit	220-H-2	Atmospheric Distillation Heater with common airpreheating system	2007	Axens / Kirchner Italia
B-4796	EMETHANEX	Damietta	Egypt	Techint SpA	Methanol Plant 3600 MTPD	1H-0301	Reformer Furnace with Air Preheating System	2007	Davy Process Technology
B-4643	QATAR SHELL GTL LTD	Ras Laffan	Qatar	CME Engineering FZCO (Chiyoda-HHI Consortium)	Pearl GTL Project	1F/2F-0511	Regeneration Gas Heater	2007	Chiyoda / Kirchner Italia
B-4768	QATAR SHELL GTL LTD	Ras Laffan	Qatar	CME Engineering FZCO (Chiyoda-HHI Consortium)	Pearl GTL Project	0F-0781	Regeneration Gas Heater	2007	Chiyoda / Kirchner Italia
B-4719	TOTAL Raffineria di Roma	Pantano di Grano (RM)	Italy	Technip Italy	HDS	H-4201	Reactor Charge Heater	2007	Kirchner Italia
B-4678	QATAR FERTILIZER COMPANY (QAFCO)	Mesaieed	Qatar	Eurotecnica Contractors and Engineers SpA	Melamine Project	B-0603	Hot Oil Heater	2007	Kirchner Italia
B-4723	TOTAL S.A.	Lindsey Immingham	United Kingdom	Jacobs Engineering Ltd.	Lindsey Oil Refinery	11F-1	Reactor Feed Heater	2007	Kirchner Italia
B-4785	SONATRACH	Skikda	Algeria	China Petroleum Eng. & Constr. Corp. (CPECC)	Condensate Topping Project	F-103	Atmospheric Reboiler Furnace with common Air Preheating System	2007	Kirchner Italia
B-4784	SONATRACH	Skikda	Algeria	China Petroleum Eng. & Constr. Corp. (CPECC)	Condensate Topping Project	F-102	Atmospheric Furnace with common Air Preheating System	2007	Kirchner Italia
B-4783	SONATRACH	Skikda	Algeria	China Petroleum Eng. & Constr. Corp. (CPECC)	Condensate Topping Project	F-101	Prefractionator Reboiler Furnace with common Air Preheating System	2007	Kirchner Italia
B-4692	INDIAN FARMERS FERTILISERS COOP. LTD	Phulpur	India	Project & Development India Ltd (PDIL)	Ammonia Plant	E-3201	Process Gas + Steam coil	2006	Haldor Topsøe
B-4691	INDIAN FARMERS FERTILISERS COOP. LTD	Phulpur	India	Project & Development India Ltd (PDIL)	Ammonia Plant	103-B	Hydrocarbon Feed Preheater	2006	Kirchner Italia
B-4690	INDIAN FARMERS FERTILISERS COOP. LTD	Aonla	India	Project & Development India Ltd (PDIL)	Ammonia Plant	E-3201 A	Process Gas + Steam coil	2006	Haldor Topsøe
B-4689	INDIAN FARMERS FERTILISERS COOP. LTD	Aonla	India	Project & Development India Ltd (PDIL)	Ammonia Plant	E-3203 A	Upper steam superheating coil	2006	Haldor Topsøe
B-4688	INDIAN FARMERS FERTILISERS COOP. LTD	Aonla	India	Project & Development India Ltd (PDIL)	Ammonia Plant	E-1201 A	Mixed feed preheater coil	2006	Haldor Topsøe

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-4684	EXXON-MOBIL / AIR LIQUIDE ARGENTINA	Campana	Argentina	Air Liquide Engineering	Hydrogen Plant	1H211	Steam reformer package	2006	Haldor Topsøe
B-4617	RAFFINERIA DI ROMA	Pantano di Grano (RM)	Italy	-	Topping Unit	H-2701	Revamping of Topping Heater with insertion of Air Preheater	2006	Kirchner Italia
B-4591	ENI S.P.A. REFINING & MARKETING	Taranto	Italy	Snamprogetti Sud	Isocracking and Auxiliary Unit	F-4161	Vacuum Charge Heater	2006	Kirchner Italia
B-4560	ENI S.P.A. REFINING & MARKETING	Taranto	Italy	Snamprogetti Sud	Isocracking and Auxiliary Unit	F-4240	Fractionator Feed Furnace	2006	Kirchner Italia
REC-B-118/RIP/06 /1	RAFFINERIA DI GELA	Gela	Italy	-	Motor Fuel Plant	305 F 103	Revamping of Heater	2006	Kirchner Italia
B-4510 A/B	SAHARA-BASELL JV	Al Jubail	Saudi Arabia	Daelim Industrial Co.	Oleflex Process Unit - PDH/PP Project	B-1103/4	No.2 Interheater / No.3 Interheater	2006	UOP
B-4509	SAHARA-BASELL JV	Al Jubail	Saudi Arabia	Daelim Industrial Co.	Oleflex Process Unit - PDH/PP Project	B-1102	No.1 Interheater	2006	UOP
B-4508	SAHARA-BASELL JV	Al Jubail	Saudi Arabia	Daelim Industrial Co.	Oleflex Process Unit - PDH/PP Project	B-1101	Charge Heater	2006	UOP
B-4574	DUSLO A.S.	Sala	Slovak Republic	IPM/Uhde	Ammonia Plant Revamping	57-42401	Start-up Heater	2006	Kirchner Italia
B-4577	VIETNAM OIL & GAS CORP. (PetroVietnam)	Dung Quat	Vietnam	Technip	DQR Project	H-1301/2/3/4	Charge Heater / N° 1/2/3 Interheater (Catalitic Reformer)	2005	UOP
B-4576	VIETNAM OIL & GAS CORP. (PetroVietnam)	Dung Quat	Vietnam	Technip	DQR Project	H-1202	Stripper Reboiler	2005	Kirchner Italia
B-4575	VIETNAM OIL & GAS CORP. (PetroVietnam)	Dung Quat	Vietnam	Technip	DQR Project	H-1201	Charge Heater	2005	UOP
B-4569	HELLENIC PETROLEUM S.A.	Aspropyrgos	Greece	Asprofos Engineering	FCC Naphtha Desulfurization U-9002 / AF142087	L-9201	New Process Heater	2005	Kirchner Italia
B-4616	INDIAN FARMERS FERTILISERS COOP. LTD	Phulpur	India	-	Ammonia I Plant	-	Steam Superheater Coil for Convection Section of Primary Reformer	2005	M.W.Kellogg
B-4543	SHRIRAM FERTILISERS & CHEMICALS	Kota	India	-	Ammonia Plant	34-201N	Steam Naphtha Pre-heater Coil	2005	Haldor Topsøe
B-4542	SHRIRAM FERTILISERS & CHEMICALS	Kota	India	-	Ammonia Plant	34-299	Feed Natural Gas Pre-Heater	2005	Kirchner Italia
B-4592	ENI S.P.A. REFINING & MARKETING	Taranto	Italy	ENI R&M	Hydrogen Plant	F-2201	Refurbishment of Steam Reforming Heater	2005	Snamprogetti
B-4531	ENI S.P.A. REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	Isocracking and Auxiliary Unit	B-3403	Fractionator Feed Furnace with common Air Preheating System	2005	Kirchner Italia
B-4530	ENI S.P.A. REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	Isocracking and Auxiliary Unit	B-3402	Second Stage Feed Furnace with common Air Preheating System	2005	Kirchner Italia
B-4529	ENI S.P.A. REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	Isocracking and Auxiliary Unit	B-3401	First Stage Furnace with common Air Preheating System	2005	Kirchner Italia
B-2163/RIP /05/1	RAFFINERIA DI GELA	Gela (CL)	Italy	-	Coking 2	5209-F-301	Revamping of Coking Heater	2005	Kirchner Italia
B-4580 A/B	QATARGAS 3&4 VENTURES	Ras Laffan	Qatar	Chiyoda Technip JV	LNG Trains 6-7	52/53-F0301	Regenerant Heaters	2005	Kirchner Italia
B-4581 A/B	QATARGAS 3&4 VENTURES	Ras Laffan	Qatar	Chiyoda Technip JV	LNG Trains 6-7	52/53-X0621	Stacks for N2 Compressor Gas Turbine	2005	Kirchner Italia
B-4434	ENI S.P.A. REFINING & MARKETING	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	Rose Solvent Deasphalting Plant	B-3201	Hot Oil Furnace with Air Preheating System	2005	Kirchner Italia
B-4523 A/B	BP Berau LTD	Tanah Merah, Papua	Indonesia	JGC / KBR JV	Tanggung LNG Project	031/032-F-1001	Regeneration Gas Heaters	2005	Kirchner Italia
B-4497	ATLANTIC METHANOL PRODUCTION CO.	Malabo	Equatorial Guinea	Methanol Casale S.A.	Methanol Pant	F-203	Pre-Reformer Feed Heater with Air Preheating System	2005	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-4388 A/B	QATAR LIQUEFIED GAS COMPANY	Ras Laffan	Qatar	Chiyoda Technip JV	Unit 03 Dehydration - Trains 4-5	24/25-F0301	Regenerant Heaters	2005	Kirchner Italia
B-4389 A/B	QATAR LIQUEFIED GAS COMPANY	Ras Laffan	Qatar	Chiyoda Technip JV	Unit 06 - Trains 4-5	24/25-X0621	Stacks for N2 Compressor Gas Turbine	2005	Kirchner Italia
B-4442	ENI RAFFINERIA DI VENEZIA	Venezia	Italy	ENI	RC3 Plant	23F3CN	Revamping of Catalytic Reformer	2004	UOP
B-4204 A/B/C/D	DOLPHIN ENERGY	Ras Laffan	Qatar	JGC	Upstream and compression facilities	104-1/2/3/4 H0210	Driers Regeneration Furnaces	2004	Kirchner Italia
B-4205 A/B	DOLPHIN ENERGY	Ras Laffan	Qatar	JGC	Upstream and compression facilities	108-1/2 H0120	Enriched Gas Preheaters	2004	Kirchner Italia
B-4206 A/B	DOLPHIN ENERGY	Ras Laffan	Qatar	JGC	Upstream and compression facilities	108-1/2 H0140	Combustion Air Preheaters	2004	Kirchner Italia
B-4134	PARS PETROCHEMICAL COMPANY	Bandar Assaluyeh	Iran	Daelim Industrial Co.	Ethylbenzene	51-W-H501	Hot Oil System Package	2004	Kirchner Italia
B-4329	API RAFFINERIA DI ANCONA	Falconara Marittima	Italy	Technip Italy	Hydrogen Plant	F-3651-2	Steam Reforming Heater	2004	Haldor Topsøe
B-4223	MOTOR OIL (HELLAS)	Corinth	Greece	Motor Oil (Hellas) Corinth Refineries S.A.	Vacuum Distillation Unit	F-202	New Convection Section for Vacuum Heater	2003	Kirchner Italia
B-4228	ADCO	Al Dabb'lya / Rumaitha Abu Dhabi	U.A.E.	Technip / NPCC	North East Bab Project	44-01-H-6001	Heating Medium Heater	2003	Kirchner Italia
B-4227	ADCO	Al Dabb'lya / Rumaitha Abu Dhabi	U.A.E.	Technip / NPCC	North East Bab Project	02-01-H-6001	Heating Medium Heater	2003	Kirchner Italia
B-4171	RAFFINERIA DI GELA	Gela	Italy	Snamprogetti Sud	Gasoline Desulphuration Plant FCC	F-201	Reboiler Heater	2003	Kirchner Italia
B-4188	ENI REFINING & MARKETING	Porto Marghera	Italy	Techint	Revamping of Gasoil Desulphurization Plant HF-1	F102	Combined Feed Heater	2003	Kirchner Italia
B-4147	MOTOR OIL (HELLAS)	Corinth	Greece	Technip-Coflexip Italy	Vacuum Distillation Unit	F-3190	Vacuum Heater	2003	Kirchner Italia
B-4146	MOTOR OIL (HELLAS)	Corinth	Greece	Technip-Coflexip Italy	Mild Hydrocracker and Polishing Unit	F-7504	Common Convection Section	2003	Kirchner Italia
B-4145	MOTOR OIL (HELLAS)	Corinth	Greece	Technip-Coflexip Italy	Mild Hydrocracker and Polishing Unit	F-7503	Reactor Feed Heater	2003	Kirchner Italia
B-4144	MOTOR OIL (HELLAS)	Corinth	Greece	Technip-Coflexip Italy	Mild Hydrocracker and Polishing Unit	F-7502	Atmospheric Distillation Heater	2003	Kirchner Italia
B-4143	MOTOR OIL (HELLAS)	Corinth	Greece	Technip-Coflexip Italy	Mild Hydrocracker and Polishing Unit	F-7501	Reactor Feed Heater	2003	Kirchner Italia
B-4169	TURKMENNEFTGAS	Turkmenbashi	Turkmenistan	Technip-Coflexip Germany	New Diesel Hydrotreater Unit DHT	100-H-01	Reactor Heater	2003	Kirchner Italia
B-4100	SASOL ITALY	Sarroch	Italy	Techint	Hydrocarbon Dearomatization Plant	7606-F70	Hot Oil Heater	2003	Kirchner Italia
B-3918 A/C	AGIP GAS BV LIBYAN BRANCH	Mellitah	Libya	Snamprogetti	Western Libya Gas Project	51311/52311 /53311-FA001	n° 3 Regeneration Gas Heaters	2003	Kirchner Italia
B-4127	RAFFINERIA DI MILAZZO	Milazzo (ME)	Italy	Raffineria di Milazzo	Vacuum	20-F1	Revamping of F1 Vacuum Heater	2003	Kirchner Italia
B-515-516 /ING/02/1	POLIMERI EUROPA	Porto Marghera	Italy	-	CR1 Plant	B-115/A	Engineering services for 3 new TLE's on Ethylene Cracking Heater	2003	Kirchner Italia
B-4037	ITALIA ENERGIA E SERVIZI	Mantova	Italy	Paragon Litwin Italia	MHC Unit	1502	Fractionator Charge Heater	2002	Kirchner Italia
B-4036	ITALIA ENERGIA E SERVIZI	Mantova	Italy	Paragon Litwin Italia	MHC Unit	1501	Reactor Feed Heater	2002	Kirchner Italia
REC/B/118A /RIP/02/2	AGIP PETROLI	Gela (CL)	Italy	SnamprogettiSud	Topping	300-F-1	Refurbishing of Topping Heater	2002	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
REC/B/118/ARIP/02/1	AGIP PETROLI	Gela (CL)	Italy	SnamprogettiSud	Topping	300-E-101	Refurbishing of Topping Heater with Replacement of Air Preheater	2002	Kirchner Italia
B-4086	RAFFINERIA DI MILAZZO	Milazzo (ME)	Italy	Raffineria di Milazzo	Unicracker	F-2302/A	Refurbishing of Radiant Coils and complete Convection Section	2002	Kirchner Italia
B-4073	G A P		Turkmenistan	IPM/Uhde	Ammonia	08B001	Start-up Heater	2002	Kirchner Italia
B-3971	N.I.O.C.	Tabriz	Iran	Sei Cros Iran	Vacuum	TH-152	Vacuum Heater	2002	Kirchner Italia
B-3970	N.I.O.C.	Tehran	Iran	Sei Cros Iran	Topping	H-103	Topping Heater	2002	Kirchner Italia
B-3969	N.I.O.C.	Tehran	Iran	Sei Cros Iran	Topping	2H-103	Topping Heater	2002	Kirchner Italia
B-3968	N.I.O.C.	Tabriz	Iran	Sei Cros Iran	Topping	TH-102	Topping Heater	2002	Kirchner Italia
B-3949 A÷D	PETROQUIMICA CANGREJERA	Coatzacoalcos	Mexico	Techint	PECASA Project - Ethylene	BA-107/108/109/110	Four (4) Convection Sections for Ethane Cracking Furnaces	2001	KBR
B-3944	RAFFINERIA DI ROMA	Pantano di Grano (RM)	Italy	-	-	H-2451	Refurbishing of Reactor Charge Heater	2001	Kirchner Italia / Technip Italy
B-3943	RAFFINERIA DI ROMA	Pantano di Grano (RM)	Italy	-	Platforming	H-2351	Refurbishing of Platforming Heater	2001	Kirchner Italia / Technip Italy
B-3916 A÷D	PETROQUIMICA MORELOS	Coatzacoalcos	Mexico	Techint	PEMOSA Project - Ethylene	BA101/102/109/110	Four (4) Convection Sections for Ethane Cracking Furnaces	2001	KBR
B-3908 /ING	ENICHEM	Priolo (SR)	Italy	-	Ethylene	-	Engineering Services for recoiling of 4 off Cracking Heaters	2001	-
B-3897	OCP	Paramo	Ecuador	Techint	Heavy Crude Oil Heating System	H-0401 (1 off)	Hot Oil Heater	2001	Kirchner Italia
B-3896	OCP	Sardinas	Ecuador	Techint	Heavy Crude Oil Heating System	H-0301 A÷C (3 off)	Hot Oil Heater	2001	Kirchner Italia
B-3895	OCP	Cayagama	Ecuador	Techint	Heavy Crude Oil Heating System	H-0201 (1 off)	Hot Oil Heater	2001	Kirchner Italia
B-3894	OCP	Amazonas	Ecuador	Techint	Heavy Crude Oil Heating System	H-0101 A÷E (5 off)	Hot Oil Heater	2001	Kirchner Italia
B-3883	SABIC SERVICES	Al Jubail	Saudi Arabia	-	Ammonia	102-B	Helical Coil for Start-up Heater	2001	-
B-3853	AGIP PETROLI	Gela (CL)	Italy	-	Vacuum	330F1	Retubing of Convection section of Vacuum Heater	2001	Kirchner Italia
B-3801	RAFFINERIA DI MILAZZO	Milazzo (ME)	Italy	Raffineria di Milazzo	Topping 3	F1	Revamping of Topping Heater	2001	Kirchner Italia
B-3067/RIP/01/2	HYDRO AGRIT ITALIA	Ferrara	Italy	Hydro Agri Italia	Ammonia	B201	Refurbishing and Catalyst Replacement of Steam Reforming Heater for 1500 MTPD	2001	Haldor Topsøe
B-2705 /RIP/01/3	SUPERMETANOL	Jose-Edo.Anzoategui	Venezuela	Supermetanol	2000 MTPD Methanol	H-4101	Refurbishing of E-4110 SSH N°1 & E-4111 SSH N°2 for Reformer	2001	Kirchner Italia / Davy McKee
B-0491/RIP/01/02	RADICI CHIMICA	Novara	Italy	Radici Chimica	-	F-201	Maintenance of Steam Reforming Heater with improvement of Refractory Lining	2001	Haldor Topsøe
REC-B-0151/ING/00/1	CONDEA AUGUSTA	Augusta (SR)	Italy	-	ISOSIV 1	F-204	Engineering for Revamping of Charge Heater	2000	Kirchner Italia
B-3820 /ING	ENICHEM	Priolo (SR)	Italy	-	Ethylene	-	Engineering Services for new Cracking Heater	2000	-
B-3809 1-2	N.P.C. / FANAVARAN PET.CO.	Bandar Imam	Iran	Snamprogetti	3030 MTPD - Third Methanol	H-2001 1 / 2	N°2 Steam Reformers	2000	Haldor Topsøe
B-3784	ESSO SAPA	Campana	Argentina	Techint	FCCU Upgrade	F-151	Feed Preheater Furnace Revamping	2000	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-3775	AGIP PETROLI	Sannazzaro de' Burgondi (PV)	Italy	-	Catalytic Reforming	B-5102	Catalytic Reformer with Air Preheating System	2000	Kirchner Italia
B-0953 /RIP/00/1	ENICHEM	Gela (CL)	Italy	-	Ethylene	F-101 A	Improvement of Cracking Heater	2000	Kirchner Italia
B-0953 /ING/99/1	ENICHEM	Gela (CL)	Italy	-	Ethylene	F-101 A	Engineering for Improvement of Cracking Heater	2000	Kirchner Italia
REC-B-0151/ING/99/1	CONDEA AUGUSTA	Augusta (SR)	Italy	-	ISOSIV 1	F-204	Engineering for Revamping of Charge Heater	1999	Kirchner Italia
MI-B-1683/ING/99/1	ENICHEM	Mantova	Italy	-	ST-20	B-101	Base and Detail Engineering for the replacement of Hot Oil Heater Convection Section and Flue Gas Ducting	1999	Kirchner Italia
B-3724	AGIP PETROLI	Sannazzaro de' Burgondi (PV)	Italy	-	A.T.K.	B5201A	New Convection section	1999	Kirchner Italia
B-3693	RAFFINERIA DI ROMA	Pantano di Grano (RM)	Italy	-	Bitumen	H2102	Vacuum Heater	1999	Kirchner Italia
B-3690	AGIP PETROLI	Gela	Italy	-	Topping 2	302F-1	Topping Heater	1999	Kirchner Italia
B-3687	RAFFINERIA DI ROMA	Pantano di Grano (RM)	Italy	-	Unifiner	H2201	Revamping of Charge Heater	1999	Kirchner Italia
B-3678	AGIP PETROLI	Gela	Italy	-	Coking	E-501	Replacement of Air Preheater for 303-F1 & 303-F2 Coking Heaters	1999	Kirchner Italia
B-3381	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex	-	Steam Desuperheaters for Boilers	1999	Kirchner Italia
MI-B-1364/ING/98/1	MOTOR OIL (HELLAS)	Corinth	Greece	Technipetrol	FCC	F-3292	Engineering for Revamping Study of Steam Generator	1998	UOP
MI-B-10424/RIP/96/1	ENICHEM	Priolo (SR)	Italy	Raytheon Italia	Paraxylene	H-1601	Revamping of Gradiation Heater	1998	Kirchner Italia
B-3585	PROFERTIL	Bahia Blanca	Argentina	Snamprogetti	2050 MTPD Ammonia Plant	F-501	Start-up Heater	1998	Snamprogetti
B-3584	PROFERTIL	Bahia Blanca	Argentina	Snamprogetti	2050 MTPD Ammonia Plant	02-F-201	Primary Reformer	1998	Haldor Topsøe
B-3578	CNTIC	Nanjing	China	Snamprogetti	Ammonia	F-1001	Hot Oil Heater	1998	Snamprogetti
B-3577	CNTIC	Nanjing	China	Snamprogetti	Ammonia	F-601	Start-up Heater	1998	Snamprogetti
B-3576	CNTIC	Nanjing	China	Snamprogetti	Ammonia	F-301	Start-up Heater	1998	Snamprogetti
MI-B-1756/RIP/96/1	EXXON CHEMICAL MEDITERRANEA	Vado Ligure	Italy	Foster Wheeler Italiana	-	F-580	Revamping of Hot Oil Heater with Heat Recovery System	1997	Kirchner Italia
B-3394	SAFCO	Al Jubail	Saudi Arabia	Tecnimont	2nd Ammonia	21-H-501	Synthesis Start-up Heater	1997	Brown&Root / Kirchner Italia
B-3284	SAFCO	Al Jubail	Saudi Arabia	Tecnimont	1500 MTPD 2nd Ammonia	21-H-101	Primary Reformer	1997	Brown&Root / Kirchner Italia
B-3249	AOOT OMSK REFINERY	OMSK	Russia	Eurotecnica	CCR Platforming	PI - 2/4	Stabilizer Reboiler	1997	Kirchner Italia
B-3248	AOOT OMSK REFINERY	OMSK	Russia	Eurotecnica	CCR Platforming	PI - 2/2	Stripper Reboiler	1997	Kirchner Italia
B-3247	AOOT OMSK REFINERY	OMSK	Russia	Eurotecnica	CCR Platforming	PI - 1	Charge Heater	1997	Kirchner Italia
B-3246	AOOT OMSK REFINERY	OMSK	Russia	Eurotecnica	CCR Platforming	300-H1/H2/H3/H4	Platforming Heater	1997	UOP
MI-B-0501-0514/RIP/96/1	ENICHEM	Porto Marghera	Italy	-	CR1 Ethylene	B-112	Convection Zone of Cracking Heater	1996	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-3213	IBN RUSHD	Yanbu	Saudi Arabia	Tecnimont	PTA	27Y100	Hot Oil Furnace Package with Heat Recovery System by Combustion Air Preheating	1996	Kirchner Italia
B-3172	SUEZ OIL PROCESSING	Suez	Egypt	Petrojet	Coking	10-H1	Revamping of Atmospheric Heater	1996	Kirchner Italia
B-2640	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex	H102	Preflashed Crude Heater	1996	Kirchner Italia
MI-B-1683/RIP/95/1	ENICHEM	Mantova	Italy	-	ST20 Styrene Plant	B-201 & B-2201	Revamping of Steam Superheaters	1995	Kirchner Italia
B-3111	AGIP RAFFINAZIONE	Sannazzaro de' Burgondi (PV)	Italy	Agip Petroli	-	B-1801 N	Revamping of Charge Heater	1995	Snamprogetti
B-3099	PETROCHEMIA PLOCK	PLOCK	Poland	Snamprogetti	Hydrocracking	2 H02	Diesel Stripper Reboiler Heater	1995	UOP
B-3098	PETROCHEMIA PLOCK	PLOCK	Poland	Snamprogetti	Hydrocracking	2 H01	Product Fractionator Feed Heater	1995	UOP
B-3097	PETROCHEMIA PLOCK	PLOCK	Poland	Snamprogetti	Hydrocracking	1 H01	Recycle Gas Heater	1995	UOP
B-2984	ALEXANDRIA PETROLEUM	Alexandria	Egypt	-	Crude Distillation Unit n°3	F-301	Revamping of Topping Heater with Air Preheating System	1995	Kirchner Italia
B-2859	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex / Catalytic Reforming	H306	Reactor Debutanizer Reboiler	1995	Kirchner Italia
B-2858	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex / Catalytic Reforming	H305	Reactor n° 2 Interheater	1995	Kirchner Italia
B-2857	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex / Catalytic Reforming	H304	Reactor n° 1 Interheater	1995	Kirchner Italia
B-2856	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex / Catalytic Reforming	H303	Reforming Charge Heater	1995	Kirchner Italia
B-2855	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex / Catalytic Reforming	H302	Splitter Reboiler	1995	Kirchner Italia
B-2854	N.I.O.C.	Tehran	Iran	Kala Naft	Lavan Ref. Complex /Hydrotreating	H301	Hydrotreater Charge Heater	1995	Kirchner Italia
MI-B-2615	MOTOR OIL (HELLAS)	Corinth	Greece	-	Topping	F-1101	Convection Section Module for Topping Heater	1994	Kirchner Italia
B-2971	STATOIL	Tjeldbergodden	Norway	Fluor Daniel	2400 MTPD Methanol Plant	24-F-1201	Primary Reformer	1994	Haldor Topsøe / Kirchner Italia
B-2829	CPCIC	Urumqi	China	Tecnimont	1000 MTPD Ammonia	H2	H2 Synthesis Start-up Heater	1994	Brown&Root / Kirchner Italia
B-2828	CPCIC	Urumqi	China	Tecnimont	1000 MTPD Ammonia	H1	Primary Reformer	1994	Brown&Root / Kirchner Italia
MI-B-2811 A/B	NASR PETROLEUM	Suez	Egypt	-	Crude Distillation Unit	CD2	N° 2 Crude Oil Fired Heater Packages	1993	Kirchner Italia
B-2900-5	CNTIC	Canton	China	Tecnimont	Ethylene	B-1100 A-F	6 off Cracking Heaters	1993	Stone & Webster
B-2819	AMERYA PETROLEUM REFINING	Alexandria	Egypt	-	Atmospheric Distillation Unit n°3	F-302	Topping Heater	1993	Kirchner Italia
MI-B-2787	STATOIL	Kalundborg	Denmark	The Ralph M. Parsons	Condensate Project	H-4681	Hot Oil Heater	1992	Kirchner Italia
MI-B-2786	STATOIL	Kalundborg	Denmark	The Ralph M. Parsons	Condensate Project	H-4801	Hydrofiner Preheat Furnace	1992	Exxon Research & Eng.
MI-B-2785	STATOIL	Kalundborg	Denmark	The Ralph M. Parsons	Condensate Project	H-4401 A/B/C	Powerformer Preheat / Reheat Furnace	1992	Exxon Research & Eng.
MI-B-2784	STATOIL	Kalundborg	Denmark	The Ralph M. Parsons	Condensate Project	H-4201	Preheat Furnace	1992	Exxon Research & Eng.

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MI-B-2705	SUPERMETANOL	Jose-Edo.Anzoategui	Venezuela	Snamprogetti	2400 MTPD Methanol Complex	H-4101	Steam Hydrocarbon Reformer	1992	Davy McKee
MI-B-2663	IBN ZAHR	Al Jubail	Saudi Arabia	Snamprogetti	MTBE II Plant	140-H-01	Reactor Charge Heater	1992	Kirchner Italia
MI-B-2662	IBN ZAHR	Al Jubail	Saudi Arabia	Snamprogetti	MTBE II Plant	130-H-01	Regenerant Heater	1992	Kirchner Italia
MI-B-2661	IBN ZAHR	Al Jubail	Saudi Arabia	Snamprogetti	MTBE II Plant	220-H-02	Regeneration Air Heater	1992	Airoil
MI-B-2660	IBN ZAHR	Al Jubail	Saudi Arabia	Snamprogetti	MTBE II Plant	220-H-01	Charge Heater	1992	Snamprogetti
MI-B-2386	ODESSA OIL REFINERY	Odessa	Ucraina	CTIP	HDS Complex	H-101	Charge Heater	1992	Kirchner Italia
MI-B-2306	CNTIC	Hejiang	China	Tecnimont	Ammonia	H2	Synthesis Start-up Heater	1992	C.F. Braun / Kirchner Italia
MI-B-2177	CNTIC	Hejiang	China	Tecnimont	Ammonia	H1	Primary Reformer	1992	C.F. Braun / Kirchner Italia
MI-B-2607	NIOC	Bandar Abbas	Iran	Snamprogetti	06 Hydrocracker Unit	H06502	Product Fractionator Feed Heater	1991	Snamprogetti
MI-B-2606	NIOC	Bandar Abbas	Iran	Snamprogetti	06 Hydrocracker Unit	H06501	Debutanizer Reboiler Heater	1991	Snamprogetti
MI-B-2605	NIOC	Bandar Abbas	Iran	Snamprogetti	06 Hydrocracker Unit	H06002	Charge Heater	1991	UOP
MI-B-2604	NIOC	Bandar Abbas	Iran	Snamprogetti	06 Hydrocracker Unit	H06001	Charge Heater	1991	UOP
MI-B-2603	NIOC	Bandar Abbas	Iran	Snamprogetti	01 Two Stages Distillation Unit	H71401	Vacuum Heater	1991	Snamprogetti
MI-B-2602	NIOC	Bandar Abbas	Iran	Snamprogetti	01 Two Stages Distillation Unit	H01401	Vacuum Heater	1991	Snamprogetti
MI-B-2475	NASR PETROLEUM	Suez	Egypt	-	-	-	Naphtha Reboiler	1991	Kirchner Italia
MI-B-2167/RIP/90/1	IROM	Porto Marghera	Italy	Snamprogetti	Visbreaker	VB-F-2	Thermal Cracker	1990	Snamprogetti
MI-B-2510	ABU DHABI NATIONAL OIL	Abu Dhabi	U.A.E.	Snamprogetti	-	70-01-B	Charge Heater	1990	Snamprogetti
MI-B-2509	ABU DHABI NATIONAL OIL	Abu Dhabi	U.A.E.	Snamprogetti	-	11-B-02	Crude Heater	1990	Snamprogetti
MI-B-2431	FFCL	Goth Machhi	Pakistan	Snamprogetti	1500 MTPD Ammonia Plant	F4501	Start-up Heater	1990	Snamprogetti
MI-B-2430	FFCL	Goth Machhi	Pakistan	Snamprogetti	1500 MTPD Ammonia Plant	F4201	Steam Reformer and Convection Section	1990	Haldor Topsøe
REC-B-113/RIP/89/1	MONTEDIPE	Porto Marghera	Italy	-	CR1 Ethylene	E135/E136	Revamping of Economizers	1990	Kirchner Italia
MI-B-2529	AGIP (N.A.M.E)	North Rimal Field	Libya	-	Flow Station	-	2 Hot Oil Heaters	1990	Kirchner Italia
MI-B-2142	AMERYA PETROLEUM REFINING	Alexandria	Egypt	-	Vacuum	-	Vacuum Heater with Steam Generation System	1990	Kirchner Italia
MI-B-2385	NASR PETROLEUM	Suez	Egypt	-	Topping	-	Crude Oil Heater with Heat recovery system (APH)	1990	Kirchner Italia
MI-B-2488	ENICHEM ANIC	Priolo (SR)	Italy	-	Ethylene	B1008/B1009	Engineering for the replacement of improved TLE on Naphtha Cracking Heaters	1990	Kirchner Italia
MI-B-2368	FFCL	Goth Machhi	Pakistan	Haldor Topsøe	Debottlenecking Project	F-202A	Additional SSH Coil for Primary Reformer	1990	Haldor Topsøe
REC-B-145/RIP/89/1	RAFFINERIA SICILIANA	Gela	Italy	-	Topping	302-F1	Revamping of Convection Section of Topping Heater	1990	Kirchner Italia

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MI-B-425/ RIP/89/2	PRAOIL	Priolo (SR)	Italy	-	-	B-101	Revamping of Octafiner Heater	1990	Kirchner Italia
MI-B-515/ 516/ RIP/89/1	MONTEDIPE	Porto Marghera	Italy	-	Ethylene CR1	B-115/A	Conversion of Steam Superheater into Ethylene Cracking Heater	1989	Montedipe/ Kirchner Italia
MI-B-501/ 509/504/ 507/RIP/ 89/3	MONTEDIPE	Porto Marghera	Italy	-	Ethylene	B-101 B-109 B-104 B-107	Revamping of 4 Cracking Heaters SRT 4 HD type	1989	Lummus
MI-B-2324	CAIRO OIL REFINING	Mostorod	Egypt	Cairo Oil Refining	-	21-H1	Revamping of Reformer Complex	1989	Kirchner Italia
MI-B-2271	MONTEDIPE	Mantova	Italy	Tecnimont	ETB/Styrene	B-151	Hot Oil Heater	1989	Kirchner Italia
MI-B-510/ 513/503/ 505/RIP/ 89/2	MONTEDIPE	Porto Marghera	Italy	-	Ethylene	B-103 B-105 B-110 B-113	Revamping of 4 Cracking Heaters SRT 4 HD type	1989	Lummus
MI-B-953/ 89/1	ENICHEM ANIC	Gela	Italy	-	Ethylene	F101A	Revamping of Cracking Heater	1989	Enichem Anic
MI-B-425/ ING/88/1	SELM	Priolo (SR)	Italy	-	Ethylene CR23	F101	Engineering for revamping of heater	1989	Kirchner Italia
MI-B-506/ 8/RIP/ 88/3	MONTEDIPE	Porto Marghera	Italy	-	Ethylene	B-106 B-108	Revamping of 2 Cracking Heaters SRT 4 HD type	1988	Lummus
MI-B-2135/ BIS	ENICHEM ANIC	Gela	Italy	-	Coking	303-F2	New convection section for Coking heater	1988	Kirchner Italia
MI-B-2091	SUPER OCTANOS	Jose-Edo.Anzoategui	Venezuela	Snamprogetti	M.T.B.E.	-	Charge Heater	1988	Snamprogetti/ Kirchner Italia
MI-B-2090	SUPER OCTANOS	Jose-Edo.Anzoategui	Venezuela	Snamprogetti	M.T.B.E.	-	Regeneration Heater	1988	Snamprogetti/ Kirchner Italia
MI-B-2093	MONTEDIPE	Mantova	Italy	-	Styrene Plant	B-401	Supeheater for Steam and Ethylbenzol	1988	Kirchner Italia
MI-B-1811	CHINA METALLURGICAL IMPORT& EXPORT	Beijing	China	Ctip	Coal Gasification Plant	H-1301	Steam Superheater	1988	Kirchner Italia
REC-B-150	ENICHEM AUGUSTA	Augusta (SR)	Italy	-	Pacol 4 - Olex 3	F-3001, F-3002, F-3003, F-3004	Waste Heat Recovery Plant by airpreheating	1988	Kirchner Italia
MI-B-2195	PETROBEL	Abu Madi	Egypt	Enppi	-	52-F-1	Stabilizer Reboiler	1988	Agip
MI-B-2179	INDENI PETROLEUM REFINERY	Ndola	Zambia	-	-	F101	Radiant coil	1988	Snamprogetti
MI-B-2020	SELM	Priolo (SR)	Italy	-	CR21 Platforming Plant	B2 B3 B4	Revamping on Heaters	1988	Kirchner Italia
MI-B-2163	ENICHEM ANIC	Gela	Italy	Snamprogetti	Delayed Coking Unit	5209-F-0301	Coking Furnace with Heat Recovery System by Airpreheating	1988	Conoco/ Kirchner Italia
MI-B-501- 502/RIP/ 87/1	MONTEDIPE	Porto Marghera	Italy	-	Ethylene	B-102 B-111	Revamping of 2 Cracking Heaters SRT 4 HD type	1988	Lummus
MI-B-2167	IROM	Porto Marghera	Italy	Snamprogetti	Visbreaker	VB-F-2	Thermal Cracker with heat recovery system by airpreheating	1988	Snamprogetti
MI-B-2048	MONTEDIPE	Porto Marghera	Italy	-	Ethylene CR1		Replacement of TLE's on 14 Cracking Heaters	1987	Montedipe
MI-B-2009	INDENI PETROLEUM REFINERY	Ndola	Zambia	-	-		Hot Oil Heater	1987	Kirchner Italia
MI-B-2135	ENICHEM ANIC	Gela	Italy	-	Coking	303-F1	New convection section for Coking heater	1987	Kirchner Italia
REC-B-156/ 157	ENICHEM ANIC	Gela	Italy	-	BTX Plant	306-F1 306-F2	Heat Recovery System by airpreheating	1987	Kirchner Italia

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MI-B-2112	RAFFINERIA DEL PO	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	-	-	Grade mounted Steel Stack with F.G.Ducts	1987	Snamprogetti
MI-B-2111	RAFFINERIA DEL PO	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	-	-	Purge Gas Furnace	1987	Snamprogetti
MI-B-2110	RAFFINERIA DEL PO	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	-	-	Absorber Feed Furnace	1987	Snamprogetti
MI-B-2109	RAFFINERIA DEL PO	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	-	-	Stabilizer Reboiler	1987	Snamprogetti
MI-B-2108	RAFFINERIA DEL PO	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	-	-	Recycle Hydrogen Furnace	1987	Snamprogetti
MI-B-2107	RAFFINERIA DEL PO	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	-	-	Absorbed Feed Furnace	1987	Snamprogetti
MI-B-2106	RAFFINERIA DEL PO	Sannazzaro de' Burgondi (PV)	Italy	Snamprogetti	-	-	Fresh Feed Furnace	1987	Snamprogetti
REC-B-151	ENICHEM AUGUSTA	Augusta (SR)	Italy	-	-	-	Waste Heat Recovery Plant on 8 fired heaters by airpreheating	1987	Kirchner Italia
REC-B-149	ENICHEM ANIC	Gela	Italy	-	Coking	303-F3	Heat Recovery Sistem by airpreheating on Heater	1987	Kirchner Italia
MI-B-2006	CAIRO OIL REFINING	Tanta	Egypt	-	Topping	2H-1	Topping Heater	1987	Kirchner Italia
REC-B-148	ENICHEM ANIC	Gela	Italy	-	Gasoline Fractionator and Gasoil Desulphurization	328-F101 307F101	Gasoline Fractionator and Gasoil Desulphurization Heater	1986	Kirchner Italia
MI-B-1922	CAIRO OIL REFINING	Mostorod	Egypt	-	Topping	-	Two Topping Heaters with Heat Recovery Systems by airpreheating	1986	Kirchner Italia
REC-B-155	ENICHEM ANIC	Gela	Italy	-	BTX Plant	306-F2	Revamping on Platforming Heater	1986	Kirchner Italia
MI-B-2019	IBN ZAHR - SAUDI EUROPEAN PETROCHEMICAL	Al Jubail	Saudi Arabia	Snamprogetti	M.T.B.E.	-	Regeneration Air Heater	1986	Airoil
MI-B-2018	IBN ZAHR - SAUDI EUROPEAN PETROCHEMICAL	Al Jubail	Saudi Arabia	Snamprogetti	M.T.B.E.	-	Charge Heater	1986	Kirchner Italia
MI-B-2017	IBN ZAHR - SAUDI EUROPEAN PETROCHEMICAL	Al Jubail	Saudi Arabia	Snamprogetti	M.T.B.E.	-	Reactor Charge Heater	1986	Kirchner Italia
MI-B-2016	IBN ZAHR - SAUDI EUROPEAN PETROCHEMICAL	Al Jubail	Saudi Arabia	Snamprogetti	M.T.B.E.	-	Regeneration Heater	1986	Kirchner Italia
MI-B-1903	MONTEDIPE	Priolo (SR)	Italy	-	-	B1380/B	Revamping on Heater	1986	Kirchner Italia
MI-B-1902	MONTEDIPE	Priolo (SR)	Italy	-	-	B103/A	Revamping on Heater	1986	Kirchner Italia
REC-B-123	MONTEDIPE	Porto Marghera	Italy	-	-	B501/2	Revamping and Heat Recovery by airpreheating on Hot Oil Heaters	1986	Kirchner Italia
MI-B-1684	MONTEDIPE	Porto Marghera	Italy	-	Ethylene	-	Design, supply and erection of 140 Ate, 535°C Steam Transfer Line from 14 Cracking Heaters to Steam Turbine	1986	Kirchner Italia
REC-B-152	MONTEDIPE	Porto Marghera	Italy	-	Ethylene CR1	B101/114	Revamping on Convection Sections of 14 Cracking Heaters	1986	Kirchner Italia
REC-B-147	ENICHEM AUGUSTA	Augusta (SR)	Italy	-	-	-	Waste Heat Recovery Plant on 4 fired heaters by airpreheating	1985	Kirchner Italia
MI-B-1945	SELM	Priolo (SR)	Italy	-	-	B101	Revamping on Octafiner Heater	1985	Kirchner Italia
MI-B-1946	SELM	Priolo (SR)	Italy	-	CR23	B001	Revamping on Splitter Xilol	1985	Kirchner Italia
MI-B-1825	AGIP N.A.M.E.	Off-shore El Bouri	Libya	Hyundai Engineering & Construction	-	32/UN-01-02-03	3 Hot Oil Heaters	1985	Snamprogetti

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MI-B-1850	SCOP	Baiji	Iraq	Technipetrol	-	-	2 Hot Oil Heaters	1985	Kirchner Italia
MI-B-1842	SUEZ OIL PROCESSING	Suez	Egypt	Technipetrol	Topping	-	Topped Crude Heater	1985	Kirchner Italia
MI-B-1861 A/B	SCOP	Baiji	Iraq	Technip	-	-	2 Combined Reactor Feed Heaters	1984	Kirchner Italia
MI-B-1860 A/B	SCOP	Baiji	Iraq	Technip	-	-	2 Extract Mix Reboiler Heaters for Furfural Extraction Unit	1984	Kirchner Italia
MI-B-1854 A/B	ARADET	Baiji	Iraq	Technipetrol	-	-	2 Hot Oil Heaters	1984	Kirchner Italia
MI-B-1683	MONTEPOLIMERI	Mantova	Italy	Tecnimont	-	-	Steam Superheating Fired Heater	1984	Kirchner Italia
MI-B-1683	MONTEPOLIMERI	Mantova	Italy	Tecnimont	ST-20 Styrene Plant	-	Revamping of Steam Superheating Fired Heater	1984	Kirchner Italia
MI-B-1821	ANIC	Gela	Italy	-	-	-	Heat Recovery System by Steam Superheating for one Desulphurisation Heater	1984	Kirchner Italia
MI-B-1756	ESSOICHEM MEDITERRANEA	Vado Ligure	Italy	-	-	-	Hot Oil Furnace with Heat Recovery System (Air preheater)	1984	Kirchner Italia
MI-B-1784	ICIP	Mantova	Italy	Technipetrol	HDS 2 CTE Unit	H-1701	Revamping of one Hydro Desulphurisation Heater	1984	Kirchner Italia
MI-B-1730	GPIC	-	Kingdom of Bahrain	Lummus/ Snamprogetti	-	-	Start-up Heater	1983	Snamprogetti
MI-B-1740	ICIP	Mantova	Italy	Technipetrol	Vacuum	H-1151	Revamping of Vacuum Heater	1983	Kirchner Italia
MI-B-1674	NPC	Amerya	Egypt	Technipetrol	-	-	Reactor Charge Heater	1983	Kirchner Italia
MI-B-1675	NPC	Amerya	Egypt	Technipetrol	-	-	Stripper Reboiler	1983	Kirchner Italia
MI-B-1676	NPC	Amerya	Egypt	Technipetrol	-	-	Splitter Reboiler	1983	Kirchner Italia
MI-B-1677/8/9	NPC	Amerya	Egypt	Technipetrol	-	H-4101/ H-4102/ H-4103	Platforming Heater	1983	Kirchner Italia
MI-B-1680	NPC	Amerya	Egypt	Technipetrol	-	-	Debutanizer Heater	1983	Kirchner Italia
MI-B-1681	NPC	Amerya	Egypt	Technipetrol	-	-	Hot Oil Heater	1983	Kirchner Italia
MI-B-1663	ICIP	Mantova	Italy	Technipetrol	Thermal Cracking	H-1201	Thermal Cracker	1983	UOP
MI-B-1664	SAROM	Ravenna	Italy	Sarom	-	121-H1	Revamping of Hydrogen Heater	1983	Kirchner Italia
MI-B-1642	SAROM	Ravenna	Italy	Sarom	-	146-H1/H2	Revamping of two Reboiler Heaters	1983	Kirchner Italia
MI-B-1643/4/5/6	API	Falconara	Italy	Technipetrol	-	-	Steam Reforming Heater with Waste Heat Section	1983	Haldor Topsøe / Kirchner Italia
REC-B-501-514/RIP/83/1	MONTEDIPE	Porto Marghera	Italy	-	Ethylene	B101/B107	Yield improvement on Cracking Heaters	1983	Montedipe
REC-B-118/C	ANIC	Gela	Italy	-	-	-	Heat Recovery System on three Motor Fuel Heaters by Steam Generation and Airpreheating. Convection Section Revamping of one Heater	1983	Kirchner Italia
REC-B-112	MONTEDIPE	Priolo (SR)	Italy	-	Ethylene	B-1041	Yield improvement on one pilot Cracking Heater	1982	Montedipe
REC-B-116	MONTEDIPE	Priolo (SR)	Italy	Tecnimont	Topping	-	Heat Recovery System by airpreheating on two Topping Heaters	1982	Kirchner Italia

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MI-B-1473/74/75	SYRIAN ARAB REP.	Homs	Syria	Technipetrol	Catalytic Reforming	-	Platforming Heater	1982	UOP
MI-B-1607		Baghdad	Iraq	Ingeco	-	-	Reboiler	1982	Kirchner Italia
MI-B-1579	MONTEDIPE	Priolo (SR)	Italy	Tecnimont	Visbreaker	-	Visbreaking Heater with Heat Recovery System by airpreheating	1981	Kirchner Italia
MI-B-1584	P.I.C.	-	Kuwait	Technipetrol	1000 MTPD Ammonia Plant - 4th Line	-	Waste Heat Section complete with Air preheater	1981	Topsøe
REC-B-118/A	ANIC	Gela	Italy	-	Topping	-	Heat Recovery System on Topping Heater by airpreheating and convection section revamping	1981	Kirchner Italia
MI-B-1540	SUEZ OIL PROCESSING	Suez	Egypt	Technipetrol	-	-	Debutanizer Reboiler Heater	1981	Kirchner Italia
MI-B-1537/38/39	SUEZ OIL PROCESSING	Suez	Egypt	Technipetrol	Catalytic Reforming	-	Platforming Heater	1981	UOP
MI-B-1536	SUEZ OIL PROCESSING	Suez	Egypt	Technipetrol	-	-	Naphtha Splitter Reboiler	1981	Kirchner Italia
MI-B-1535	SUEZ OIL PROCESSING	Suez	Egypt	Technipetrol	-	-	Debutanizer Reboiler Heater	1981	Kirchner Italia
MI-B-1534	SUEZ OIL PROCESSING	Suez	Egypt	Technipetrol	-	-	Charge Heater	1981	Kirchner Italia
MI-B-1533	MOTOR OIL (HELLAS)	-	Greece	Technipetrol	-	H-351	Hot Oil Heater with Heat Recovery System by airpreheating	1981	Kirchner Italia
REC-B-122	MONTEDISON	Porto Marghera	Italy	-	-	-	Revamping and Heat Recovery by airpreheating on two Hot Oil Heaters (first step)	1980	Kirchner Italia
REC-B-118/C-ING	ANIC	Gela	Italy	-	-	-	Engineering of Heat Recovery System by airpreheating on 3 Coking Heaters, 1 Topping Heater, 2 Udex Heaters, 3 Platforming Heaters	1980	Kirchner Italia
REC-B-120	TERNICHIMICA	Terni	Italy	Ternichimica	Steam Reforming	-	Engineering of Heat Recovery System by airpreheating on two FW Reforming Heaters	1980	Kirchner Italia
MI-B-1529	FINA ITALIANA (RAFFINERIA DI ROMA)	Pantano di Grano (RM)	Italy	Fina Italiana	-	-	Hydrogen Furnace	1980	Kirchner Italia
MI-B-1528	FINA ITALIANA (RAFFINERIA DI ROMA)	Pantano di Grano (RM)	Italy	-	-	-	Absorbed Feed Furnace	1980	Kirchner Italia
MI-B-1485	SUEZ OIL PROCESSING	Mostorod	Egypt	-	Topping	-	Crude Oil Heater with Heat recovery system (APH)	1980	Kirchner Italia
MI-B-1462	MOBILCHIMICA	Napoli	Italy	Technipetrol	-	-	Revamping of Reboiler Heater	1980	Kirchner Italia
	MONTEDISON	Priolo (SR)	Italy	-	Ethylene	-	Yield Improvement on 1 + 5 Cracking Heaters	1980	Montedipe
REC-B-115	I.I.P.	La Spezia	Italy	Technipetrol	Vacuum	-	Heat Recovery System and Revamping of 1 Vacuum Heater with combustion airpreheating	1980	Kirchner Italia
REC-B-114	MONTEDISON	Porto Marghera	Italy	-	EDC	-	Heat Recovery System for 5 EDC Heaters	1980	Kirchner Italia
REC-B-113	MONTEDISON	Porto Marghera	Italy	-	CR1 Ethylene	-	Heat Recovery System of 14 Cracking Heaters for BFW and Condensate Heating	1980	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
REC-B-109	I.R.O.M.	Porto Marghera	Italy	-	Topping	-	Heat Recovery System of 1 Topping Heater for Combustion Air Preheating	1980	Kirchner Italia
REC-B-107	ANIC	Gela	Italy	-	Ethylene	-	Heat Recovery System of 8 Ethylene Heaters and 3 Steam Superheaters for steam production	1980	Kirchner Italia
	MONTEDISON	Priolo (SR)	Italy	-	Ethylene	-	Yield Improvement on 11 Cracking Heaters	1979	Kirchner Italia
MI-B-1370/71	I.I.P.	Taranto	Italy	Snamprogetti	-	F5803 F5804	2 Hot Oil Heaters with Waste Heat Recovery by airpreheating	1979	Snamprogetti
MI-B-1369	MOBILCHIMICA	Napoli	Italy	Technipetrol	-	-	Reactor Charge Heater	1979	Kirchner Italia
MI-B-1170	MOTOR OIL (HELLAS)	-	Greece	Technipetrol	-	-	Reboiler	1979	Kirchner Italia
MI-B-1364	MOTOR OIL (HELLAS)	-	Greece	Technipetrol	-	-	Waste Heat Boiler	1979	UOP
MI-B-1136	MOTOR OIL (HELLAS)	-	Greece	Technipetrol	Vacuum	-	Vacuum Heater	1979	Kirchner Italia
	MONTEDISON	Porto Marghera	Italy	-	Ethylene	-	Revamping of 6 + 3 Cracking Heaters	1978	Montedipe
MI-B-1328	CHEMOKOMPLEX	-	Hungary	Ctip	-	-	Regeneration Furnace	1978	Kirchner Italia
MI-B-1277	DAURA REF.	-	Iraq	Technipetrol	-	-	Stabilizer Reboiler	1978	Kirchner Italia
MI-B-1274/75/76	DAURA REF.	-	Iraq	Technipetrol	Catalytic Reforming	-	Catalytic Reformer (Feed preheater, 1st Interheater, 2nd Interheater)	1978	Kirchner Italia
MI-B-1273	DAURA REF.	-	Iraq	Technipetrol	-	-	Preheater Stripper Reboiler	1978	Kirchner Italia
MI-B-1272	DAURA REF.	-	Iraq	Technipetrol	-	-	Preheater Reactor Feed Heater	1978	Kirchner Italia
MI-B-501/514/RIP/79/2	MONTEDISON	Porto Marghera	Italy	-	Ethylene	-	Heat Recovery System for 14 Cracking Heaters	1978	Kirchner Italia
MI-B-1120	MONTEDISON	Porto Marghera	Italy	-	Ethylene	-	Revamping of 1 Cracking Heater	1978	Kirchner Italia
MI-B-1249		Baghdad	Iraq	Ingeco	Atmospheric Distillation Unit	-	Atmospheric Heater	1978	Kirchner Italia
MI-B-1147	MONTEDISON	Porto Marghera	Italy	-	-	-	Oxygen Preheating Furnace	1977	Kirchner Italia
MI-B-1146	MONTEDISON	Porto Marghera	Italy	-	-	-	Gas Preheating Furnace	1977	Kirchner Italia
MI-B-1130	PETROCOKE	Porto Torres	Italy	Euteco	-	-	Preheating Furnace	1977	Kirchner Italia
MI-B-1115	STANIC	Livorno	Italy	Snamprogetti	-	-	Vax-Vacuum Heater	1977	Kirchner Italia
MI-B-1101	OFFICINA MECCANICA SARDA	Porto Torres	Italy	-	-	F-610	Heat Transfer Oil Furnace	1977	Kirchner Italia
MI-B-1112		Baghdad	Iraq	Ingeco	Asphalt Plant	H-101	Reboiler	1978	Kirchner Italia
MI-B-1027	SARDA AROMATICI	Porto Torres	Italy	Officina Meccanica Sarda	-	F-1	Gasoline Charge Heater	1976	Kirchner Italia
MI-B-1055	SIREX	Porto Torres	Italy	Officina Meccanica Sarda	-	F-701	Polymer Cracking	1976	Kirchner Italia
MI-B-882	SUD ITALIA RESINE	Sant'Eufemia	Italy	Officina Meccanica Sarda	-	-	Process Gas Heater	1976	Kirchner Italia
MI-B-881 A/B	SIRON	Ottana	Italy	Officina Meccanica Sarda	-	-	2 Dowtherm Heaters	1976	Kirchner Italia

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MI-B-1028/29	MONTEDISON	Mantova	Italy	-	ST-20 Plant	-	Heat Recovery Plant and Revamping of Steam Superheater and Hot Oil Heater with additional twin stage Air preheaters and Energy Conservation	1976	Kirchner Italia
MI-B-989	MONTEDISON	Mantova	Italy	-	-	-	Steam Superheating Fired Heater	1975	Kirchner Italia
MI-B-368	ANIC	Gela	Italy	-	-	F-222	Steam Superheating Fired Heater	1975	Kirchner Italia
MI-B-909/10	MONTEDISON	Porto Marghera	Italy	-	Ethylene	B-160	Engineering and erection for one Steam Superheater	1974	Lummus
MI-B-901/08	MONTEDISON	Porto Marghera	Italy	-	Ethylene	-	Engineering and erection coordination for 7 Naphtha Cracking Furnaces	1974	Lummus
MI-B-865/866	ANIC	Ravenna	Italy	Ingeco	-	90-F-101/ 90-F-102	2 Steam Superheaters	1974	Kirchner Italia
CB-101	ISAB	Melilli	Italy	-	Sulphur Recovery Plants	-	2 Sulphur Recovery Plants and 1 Sulphur Storage and Loading Plant	1973	Davy Powergas
MI-B-742	SARAS	Sarroch	Italy	-	F.C.C.U	K1-F3	Raw Oil Charge Heater	1973	Kirchner Italia
MI-B-762	SARAS	Sarroch	Italy	Coming	-	-	Preheater	1973	Kirchner Italia
MI-B-734	SIR	Porto Torres	Italy	-	-	F-102	Heat Transfer Oil Furnace	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Charge Crude Heater	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Hexane Superheater	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Regeneration Furnace	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	HC Reboiler	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	HC Reboiler	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Charge Heater	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Stripper Reboiler	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Stripper Reboiler	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Reboiler	1973	Kirchner Italia
MI-B-750/761	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 4	-	Reboiler	1973	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2101	Charge Heater	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2102	Stripper Reboiler	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2007	HC Reboiler	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2004	HC Reboiler	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2005	HC Reboiler	1972	Kirchner Italia

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MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2006	HC Reboiler	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2201	HC Reboiler	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2202	HC Reboiler	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2001	Charge Crude Heater	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2002	Hexane Superheater	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2003	Regeneration Furnace	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2203	HC Reboiler	1972	Kirchner Italia
MI-B-694/701-705/710	LIQUICHIMICA AUGUSTA	Augusta (SR)	Italy	Ctip	Isosiv 2	F-2204	HC Reboiler	1972	Kirchner Italia
MI-B-679	NIOC		Iran	Ingra	Topping	H-0101	Topping Furnace	1972	Kirchner Italia
MI-B-681	THE BEST OIL	Torino	Italy	-	Vacuum	-	Vacuum Furnace	1972	Kirchner Italia
MI-B-680	THE BEST OIL	Torino	Italy	-	Topping	-	Topping Furnace	1972	Kirchner Italia
MI-B-582	CHIMICA MERIDIONALE	Potenza	Italy	Coming/Bamag	-	-	Waste Heat Section	1971	Kirchner Italia
MI-B-580	SIPCA/ EUROFILTRI	Torino	Italy	-	-	H-101	Direct Fired Process Heater	1971	Kirchner Italia
MI-B-555	CHIMICA MERIDIONALE	Potenza	Italy	Coming/Bamag	500 MTPD Ammonia Plant	-	Primary Reformer	1971	Kirchner Italia
MI-B-571	MONTECATINI EDISON	Porto Marghera	Italy	-	-	-	Steam Superheater	1971	Kirchner Italia
MI-B-530	CHINESE PET.	Taipei	Taiwan	-	-	-	Unifiner Stripper Reboiler	1970	Kirchner Italia
MI-B-529	CHINESE PET.	Taipei	Taiwan	-	-	-	Unifiner Charge Heater	1970	Kirchner Italia
MI-B-451	MONTECATINI EDISON	Mantova	Italy	Badger	ST-20 Styrene Plant	-	Steam Superheater	1970	Kirchner Italia
MI-B-450	MONTECATINI EDISON	Mantova	Italy	Badger	ST-20 Styrene Plant	-	Hot Oil Heater	1970	Kirchner Italia
MI-B-515/516	MONTECATINI EDISON	Porto Marghera	Italy	-	Ethylene	-	2 Steam Superheaters	1970	Lummus
MI-B-501-514	MONTECATINI EDISON	Porto Marghera	Italy	-	Ethylene	-	14 Cracking Furnaces SRT1	1970	Lummus
MI-B-491/A	RHODIATOCE	Novara	Italy	Gas Integrale	Hydrogen Plant	-	Waste Heat Section	1970	Haldor Topsøe
MI-B-491	RHODIATOCE	Novara	Italy	Gas Integrale	Hydrogen Plant	-	Primary Reformer	1970	Haldor Topsøe
MI-B-520	MONTECATINI EDISON	Brindisi	Italy	-	-	-	Steam Superheater	1970	Kirchner Italia
SB-497	MONTECATINI EDISON	Brindisi	Italy	-	Ethylene	-	2 Cracking Furnaces	1969	Selas
MI-B-449	GETTY OIL	Gaeta	Italy	Tecnider	-	-	Regeneration Gas Heater	1969	Kirchner Italia
MI-B-443	SIR	Porto Torres	Italy	-	-	-	Low Pressure Steam Superheater	1969	Kirchner Italia

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MI-B-424	SIR	Porto Torres	Italy	-	-	-	High Pressure Steam Superheater	1969	Kirchner Italia
MI-B-423	SIR	Porto Torres	Italy	-	-	-	2 Regeneration Gas Heaters	1969	Kirchner Italia
MI-B-447	-	Sisak	Yugoslavia	Snamprogetti	-	-	Reactivation Gas Heater	1969	Kirchner Italia
MI-B-447	-	Rijeka	Yugoslavia	Snamprogetti	-	-	Reactivation Gas Heater	1969	Kirchner Italia
MI-B-440	SARAS	Sarroch	Italy	Snamprogetti	-	-	Alkylation Heater	1969	Kirchner Italia
MI-B-428/429	SINCAT	Priolo (SR)	Italy	Montecatini Edison	-	-	Common duct and stack	1968	Kirchner Italia
MI-SB-370	ANIC	Gela	Italy	-	Ethylene	F-102 A/B	Gasoil Cracking Furnaces	1968	Selas
MI-B-427	SINCAT	Priolo (SR)	Italy	Montecatini Edison	-	-	Vaporization Heater	1968	Kirchner Italia
MI-B-426	SINCAT	Priolo (SR)	Italy	Montecatini Edison	-	-	Xylene Heater	1968	Kirchner Italia
MI-B-425	SINCAT	Priolo (SR)	Italy	Montecatini Edison	-	-	Octafiner Heater	1968	Kirchner Italia
SB-290	SIR	Porto Torres	Italy	-	Ethylene	-	2 Cracking Furnaces	1968	Selas
MI-B-357	SINCAT	Priolo (SR)	Italy	Montecatini Edison	-	-	Gasoil Desulphurisation Heater	1968	Selas
LH-644	MONTECATINI EDISON	Brindisi	Italy	-	Ethylene	-	3 Cracking Furnaces	1968	Selas
SB-BUL-1259	SNIA VISCOSA	Vratza	Bulgaria	-	-	-	Carbon Bisulfide Reaction Heater	1968	Selas
B-11167	ANIC	Gela	Italy	-	Topping	-	Topping Heater	1967	Kirchner Italia
B-11123	-	-	Romania	Eurotecnica	-	-	Heater for Dealc. Tol. Unit	1967	Kirchner Italia
B-11030	MONTECATINI	S.Giuseppe di Cairo	Italy	-	-	-	Start-up Heater	1967	Kirchner Italia
B-10914	CHINESE PET.	Taipei	Taiwan	-	-	-	Flashed Crude Heater	1967	Kirchner Italia
B-10913	CHINESE PET.	Taipei	Taiwan	-	-	-	Crude Oil Heater	1967	Kirchner Italia
MI-B-190	ESSO STANDARD IT.	Vado Ligure	Italy	-	-	-	Dowtherm Heater	1966	Kirchner Italia
SB-10344/A B	ANIC	Gela	Italy	-	Ethylene	-	2 Naphtha Cracking Furnaces	1966	Selas
MS-64910	MONTECATINI	S.Giuseppe di Cairo	Italy	Montecatini	400 MTPD Ammonia Plant	-	Primary Reformer	1966	Selas
MP-64910	VETROCOKE	Porto Marghera	Italy	Montecatini	400 MTPD Ammonia Plant	-	Reforming Furnace	1966	Selas
SB-RU-1259	SNIA VISCOSA	Volgograd	Russia	-	-	-	3 Carbon Bisulfide Reaction Heaters	1966	Selas
MI-B-177	ANIC	Gela (CL)	Italy	Anic	-	-	Reforming Furnace	1965	Lummus
SB-10344/BIS	ANIC	Gela (CL)	Italy	-	Ethylene	-	Naphtha Cracking Furnace	1965	Selas
SB-10344	ANIC	Gela (CL)	Italy	-	Ethylene	-	Naphtha Cracking Furnace	1965	Selas
SB-10404	ESSO PAPPAS	-	Greece	Snamprogetti	Ethylene	-	Steam Cracker	1965	Esso
B-10292	ESSO PAPPAS	-	Greece	Snamprogetti	-	-	Drier Reactivation Heater	1965	Kirchner Italia

REF.N°	CUSTOMER	PLACE	COUNTRY	CONTRACTOR	PLANT/UNIT	HEATER ITEM	HEATER TYPE / PROJECT DESCRIPTION	YEAR	BASIC DESIGN
B-10145	ACRILSARDA	Cagliari	Italy	-	-	-	Start-up Heater	1965	Kirchner Italia
SB-10424	SINCAT	Priolo (SR)	Italy	Edison	-	-	Hydrogen Hydrocarbon Gas Preheater	1965	Selas
SB-10423	SIR	Porto Torres	Italy	-	Ethylene	-	Ethane Cracking Furnace	1965	Selas
MI-B-121	MCKEE/ESSO PAPPAS		Greece	Selas	-	-	Reforming Furnace	1964	Selas
B-10026-27	SINCAT	Priolo (SR)	Italy	Edison	-	-	Waste Heat Boiler	1964	Kirchner Italia
B-10023-25	SINCAT	Priolo (SR)	Italy	Edison	Platforming	B-2/B-3/B-4	Platforming Heaters	1964	Kirchner Italia
B-10022	SINCAT	Priolo (SR)	Italy	Edison	-	-	Unifining Charge Heater	1964	Kirchner Italia
B-3496	SANQUIRICO	Genova	Italy	-	Topping	-	Topping Heater	1964	Kirchner Italia
SB-2847	SUEZ OIL PROCESSING	Suez	Egypt	Ctip	-	-	Steam Reforming Heater	1963	Selas
SB-2205	SINCAT	Priolo (SR)	Italy	Edison	Ethylene	-	Ethane Cracking Furnace	1962	Selas
SB-2318	SINCAT	Priolo (SR)	Italy	Edison	-	-	Charge Feed Heater	1962	Kirchner Italia
B-2483	ANIC	Gela	Italy	-	-	-	Diesel Desulphurisation Heater	1962	Kirchner Italia
SB-611259	SNIA VISCOSA	Pavia	Italy	-	-	-	Carbon Bisulfide Reaction Heater	1961	Selas
SB-602044	SNIA VISCOSA	Torviscosa	Italy	Snia Viscosa	-	-	Reforming Furnace	1961	Selas
B-612162	S.P.I.	Fornovo Taro	Italy	S.P.I.	-	-	Reforming Furnace	1961	Kirchner Italia
B-612122	ANIC	Gela	Italy	-	Topping	-	Topping Furnace	1961	Snamprogetti
SB-10344	ANIC	Gela	Italy	-	Ethylene	310-F1 A/B	Naphtha Cracking Furnace	1961	Stone & Webster
SB-612165	ANIC	Gela	Italy	-	Ethylene		2 Ethane Cracking Furnaces	1961	Selas
B-601867	SICEDISON	Porto Marghera	Italy	Edison	-	-	Gas Cracking Furnace/EDC	1961	Kirchner Italia
SB-601848	GARRONE	Genova	Italy	-	Visbreaker	-	Visbreaking Furnace	1960	Selas
B-601711	IROM	Porto Marghera	Italy	-	Topping	-	Topping Heater	1960	Kirchner Italia
B-581287	GETTY OIL	Gaeta	Italy	-	Topping	-	Topping Heater	1959	Kirchner Italia
B-581259	SNIA VISCOSA	Pavia	Italy	-	-	-	2 Carbon Bisulfide Reaction Heaters	1959	Selas
B-581177	SINCAT	Priolo (SR)	Italy	Edison	-	-	Oil and Alcohol Heater	1959	Kirchner Italia
B-581170	SINCAT	Priolo (SR)	Italy	Edison	-	-	Air Heater	1959	Kirchner Italia
B-581172	SINCAT	Priolo (SR)	Italy	Edison	-	-	Catalyst Regeneration Furnace	1959	Kirchner Italia
B-581171	SINCAT	Priolo (SR)	Italy	Edison	-	-	Deydrator Reactivation Furnace	1959	Kirchner Italia
B-581123	SINCAT	Priolo (SR)	Italy	Edison	Ethylene	-	2 Ethane Cracking Furnaces	1958	Selas
B-57865	GOLFO	Gaeta	Italy	Nuovo Pignone	Platforming	-	Platforming Heater	1957	UOP
B-57847	GOLFO	Gaeta	Italy	Nuovo Pignone		-	Unifining Heater	1957	UOP

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B-55628	R.O.L.	Viguzzolo	Italy	-	-	-	2 Bitumen Heaters	1955	Kirchner Italia
B-54433	SAROM	Ravenna	Italy	Ansaldo	Visbreaker	-	Visbreaking Heater	1954	Selas



**KIRCHNER**

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