



Oilon References

Power Plant and Process Burners
Industrial Burners





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Oilon Group

Founded in 1961, Oilon is a family-owned energy and environmental technology company.

We manufacture and sell burners and combustion systems for liquid and gaseous fuels in the capacity range of 10 kW – 80 MW, Oilon industrial heat pumps and cooling plants, ground source heat pumps for heating houses, and solar heat collectors.

Our products are used, for example, in power plants, waste incineration, marine boilers, district heating plants, for heating or cooling large buildings and facilities, and for heating private houses.

Oilon specialises in environmental technology with a special emphasis on product research and development work. The main focus areas of research and development are improving energy efficiency, decreasing emission levels, and developing new solutions using renewable energy sources.

Oilon has production facilities in Finland, China and United States. The facilities in Finland are located in Lahti, Hollola and Kokkola. The factory in China is in Wuxi and the facilities in United States are in Thomasville. In addition, Oilon has sales offices in Russia and Brazil, as well as resellers in more than 30 countries.



Steam and Hot Water Boilers





End user: Garden by the Bay, Singapore
Boiler/Plant supplier: Pacific Central Teknik PTE Ltd., Singapore
Boiler: Hot water boiler Loos
Project reference: 136869
Fuel: Natural gas
Burner: GP-600 M



End user: Peterburgh Teploenergo, St. Petersburg, Russia

Boiler/Plant supplier: Nord Company

Boiler: 6 pcs hot water boilers, 58 MW

Project reference: P517

Fuel: Natural gas and heavy fuel oil

Burner: 13 pcs GRT-50S, 38 MW/burner





End user: Beijing, Electronic Zone, China
Boiler/Plant supplier: China National Aero-Technology Imp. & Exp. Corp., Guangzhou, China
Boiler: 4 pcs hot water boilers, 58 MW
Project reference: P255
Fuel: Natural gas and light fuel oil
Burner: 4 pcs GT-35L,
 4 pcs GKT-35L, 33 MW/burner



End user: Beijing District Heating Group, China
Boiler/Plant supplier: Wuxi Huaguang Boiler Works, China
Boiler: 3 pcs hot water boilers, 116 MW
Project reference: P341
Fuel: Natural gas
Burner: 9 pcs GT-50L, 40 MW/burner



End user: Liaohe Oil Field, China
Boiler/Plant supplier: China Opto-Electro Industries Co., Beijing, China
Boiler: Steam boiler, 50 t/h
Project reference: P437
Fuel: Heavy fuel oil
Burner: GRT-50S

End user: Podolsk district heating company, Moscow, Russia

Boiler/Plant supplier: Pskov boiler works

Boiler: 5 pcs hot water boilers, 42 MW

Project reference: P483, P529

Fuel: Natural gas and light fuel oil

Burner: 5 pcs GKT-50S, 38 MW/burner



End user: Asphalt Drum, Australia

Boiler/Plant supplier: Combustion and Engineering, Australia

Boiler: Boilers, 16 t/h

Project reference: 107724

Fuel: Natural gas and heavy fuel oil

Burner: GRP-1200 ME



End user: Milk Powder Factory LACPOL, Poland

Boiler/Plant supplier: Burner Experts SP. Z.O.O., Lapino, Poland

Boiler: 2 pcs Astebo boilers, 9t/h

Project reference: 168162

Fuel: Natural gas and heavy fuel oil

Burner: 2 pcs GRP-600 M







End user: Taranaki By Products, New Zealand

Boiler/Plant supplier: Energy Plant Solutions Ltd.,
Palmerston North, New Zealand

Boiler: 2 pcs boilers, 16 t/h

Project reference: 176936

Fuel: Natural gas

Burner: 2 pcs GP-1200 M



End user: DP Grejanje district heating plant, Serbia

Boiler/Plant supplier: Remming D.O.O.

Boiler: 2 pcs hot water boilers, 38 MW

Project reference: P471

Fuel: Natural gas and heavy fuel oil

Burner: 2 pcs GRT-50S, 42 MW/burner

End user: Konus, Uruguay
Boiler: Weco, 4 t/h
Project reference: 180795
Fuel: Natural gas
Burner: 2 pcs GP-250 M
 GP-140 M



End user: Pesquera Exalmar S.A., Lima, Peru
Boiler/Plant supplier: Pesquera Exalmar S.A., Lima, Peru
Boiler: 3 pcs boilers, 10 MW, boiler, 12 MW,
 boiler, 10 t/h, boiler, 4 MW
Project reference: 183499
Fuel: Natural gas, light fuel oil and heavy fuel oil
Burner: GRP-1200 ME
 GRP-1000 ME
 2 pcs GP-1000 ME
 GRP-800 ME
 GP-700 M
 GP-400 M-I



End user: Sinar, Kazakstan
Boiler/Plant supplier: Burner Experts SP. Z.O.O.,
 Gdansk, Poland
Boiler: 3 pcs Bosch boilers, 2,0 MW
Project reference: 179436
Fuel: Natural gas
Burner: 3 pcs GP-150 H







End user: Mäntsälän Sähkö Oy, Mäntsälä, Finland

Boiler/Plant supplier: KPA Unicon, Pieksämäki, Finland

Boiler: 2 pcs hot water boilers, 10 MW

Project reference: 95767

Fuel: Light fuel oil and natural gas

Burner: 2 pcs GKP-1000 ME WD



End user: The Savola Group/United Sugar Ltd, Egypt

Boiler/Plant supplier: International Company for Manufacturing Boilers & Steel Fabrication, Egypt

Boiler: Steam boiler, 30 t/h

Project reference: P595

Fuel: Natural gas and light fuel oil

Burner: 4 pcs GRT-35S, 28 MW/burner



End user: Helsingin Energia, Finland

Boiler/Plant supplier: KPA Unicon Oy, Finland

Boiler: 5 pcs hot water boilers, 47 MW

Project reference: P268

Fuel: Heavy fuel oil

Burner: 5 pcs RT-50L, 50 MW/burner



End user: Toplofikatsia Sofia, Sofia Istok Power Plant, Sofia, Bulgaria

Boiler/Plant supplier: Toplofikatsia Sofia, Sofia Istok Power Plant, Sofia, Bulgaria

Boiler: 3 pcs steam boilers, 220 t/h

Project reference: P130

Fuel: Natural gas and heavy fuel oil

Burner: 27 pcs GRT-35L, 21 MW/burner

End user: M-Real Oyj Tako Board, Tampere, Finland

Boiler/Plant supplier: Tampella, Tampere, Finland

Boiler: Steam boiler, 85 t/h

Project reference: KL100730

Fuel: Light fuel oil and natural gas

Burner: 4 pcs GRT-25L



End user: PTT PC Ltd. Refinery Bangchak, Thailand

Boiler/Plant supplier: Bangkok Industrial Boilers, Thailand

Boiler: Steam boiler, 48 t/h

Project reference: P407

Fuel: Natural gas

Burner: GT-50L, 43 MW/burner



End user: Viscofan, Montevideo, Uruguay

Boiler/Plant supplier: Julio Berkes S.A. Montevideo, Uruguay

Boiler: Hot water boiler, 2,6 MW

Project reference: 167887

Fuel: Natural gas and heavy fuel oil

Burner: GRP-250 M WD200





End user: VTTI company, Colombia
Boiler/Plant supplier: Hurst, United States
Boiler: Steam boiler, 5 MW
Project reference: 174073
Fuel: Natural gas
Burner: 4 pcs GP-500M WD32

End user: Colanta San Pedro, Colombia
Boiler/plant supplier: Hurst, United States
Boiler: Steam boiler, 600 BHP
Project reference: 185264
Fuel: Natural gas and light fuel oil
Burner: GKP-700 M-II



End user: Alesayi Beverage Plant Expansion, Saudi Arabia
Boiler/Plant supplier: Hurst, United States
Boiler: 3 pcs steam boilers, 3MW
Project reference: 188206
Fuel: Light fuel oil
Burner: 3 pcs KP-280 M WD32



End user: VTTI company, United States
Boiler/Plant supplier: Hurst, United States
Boiler: Steam boiler, 5 MW
Project reference: 180060
Fuel: Natural gas
Burner: 4 pcs GP-500 M WD32





End user: FIAT Automobile plant, Srbija Kragujevac, Serbia

Boiler/Plant supplier: Remming D.O.O., Serbia

Boiler: 3 pcs hot water boilers, 50 MW

Project reference: P480, P503, P510

Fuel: Natural gas

Burner: 3 pcs GT-70L, 54 MW/burner



End user: Moinhos de Vento hospital, Porto Alegre, Brazil

Boiler/Plant supplier: Weco Equipamentos, Brazil

Boiler: Steam boiler

Project reference: 164936

Fuel: Natural gas and light fuel oil

Burner: GKP-700 M WD200



End user: Novi Sad Heating Plant, Serbia

Boiler/Plant supplier: Remming D.O.O., Serbia

Boiler: Hot water boiler, 58 MW

Project reference: P675

Fuel: Natural gas

Burner: 2 pcs GT-35U, 33 MW/burner

End user: UPM-Kymmene Oy, Tervasaari, Valkeakoski, Finland

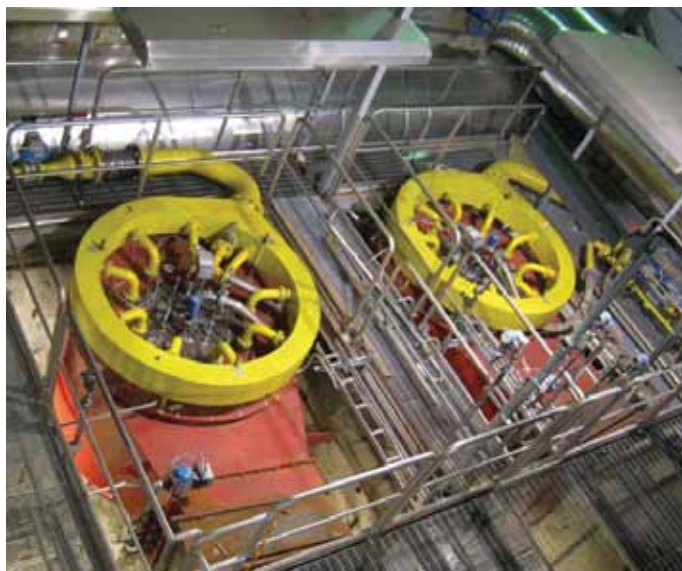
Boiler/Plant supplier: UPM-Kymmene Oy, Finland

Boiler: Steam boiler, 100 MW

Project reference: KL126608

Fuel: Natural gas

Burner: 2 pcs GT-50L, 50 MW/burner



End user: Viken, Oslo, Norway

Boiler/Plant supplier: Aalborg Industries Ltd., Denmark

Boiler: 2 pcs steam boilers, 80 t/h

Project reference: P267

Fuel: Natural gas and light fuel oil

Burner: 4 pcs GKT-35L, 32 MW/burner



End user: Ujpest Power Plant, Budapest, Hungary

Boiler/Plant supplier: Babcock Borsig Power,
Austrian Energy, Duro Dakovic Slavonski Brod, Croatia

Boiler: Steam boiler, 80 t/h

Project reference: P101

Fuel: Natural gas and light fuel oil

Burner: 2 pcs GKT-50L, 39 MW/burner





End user: Fulin Sichuan, China

Boiler/Plant supplier: Sifang Boiler Works, Shanghai

Boiler: Steam boiler, 70 t/h

Project reference: P396

Fuel: Natural gas

Burner: GT-70L

End user: United Sugar, Egypt

Boiler/Plant supplier: International Company for Manufacturing Boilers & Steel Fabrication, Giza, Cairo, Egypt

Boiler: Steam boiler, 80 t/h

Project reference: P322

Fuel: Natural gas

Burner: 4 pcs GT-50L



End user: Haminan Energia, Finland

Boiler/Plant supplier: Höyrytys Oy, Oulu, Finland

Boiler: Fire tube boiler Vapor TTK-385, 2 x 17,8 t/h, 11,6 MW

Project reference: P158

Fuel: Natural gas and waste gas

Burner: 2 pcs GT-18S



End user: Latexia Chemical (Jiangsu) Co. Ltd.,
Dagang New Zone, Zhenjiang Jiangsu, China

Boiler/Plant supplier: Latexia Chemical (Jiangsu)
Co. Ltd., Dagang New Zone, Zhenjiang Jiangsu, China

Boiler: Steam boiler, 20 t/h

Project reference: P196

Fuel: Heavy fuel oil, waste gases and liquid waste

Burner: GRJT-25S





End user: HOMS Sugar Factory Aleppo Road, Homs, Syria

Boiler/Plant supplier: IBSF Ltd., Giza, Egypt

Boiler: Steam boiler, 40 t/h

Project reference: P191

Fuel: Heavy fuel oil

Burner: RT-35S



Boiler/Plant supplier: OOO Energystroy, St. Petersburg, Russia

Boiler: 5 pcs hot water boilers, 3 MW

Project reference: 85821

Fuel: Natural gas and light fuel oil

Burner: 5 pcs GKP-300 M-II



End user: PT Gajah Tunggal TBK, SBR Division, Indonesia

Boiler/Plant supplier: PT Basuki Pratama Engineering, Indonesia

Boiler: Steam boiler, 8 tph

Project reference: P427

Fuel: Natural gas, butadine and diesel oil

Burner: GKT-8S

End user: Beijing District Heating Group, Beijing, China

Boiler/Plant supplier: Nantong Wanda, China

Boiler: Hot water boiler, 58 MW

Project reference: P573

Fuel: Natural gas

Burner: 4 pcs GT-35U



End user: Beijing District Heating Group, Beijing, China

Boiler/Plant supplier: Taishan Group, China

Boiler: Hot water boiler, 29 MW

Project reference: P568

Fuel: Natural gas

Burner: 3 pcs GT-35U



End user: Tianjing Wuxing Power Plant, China

Boiler/Plant supplier: Nantong Dayou/Nanjing Aoneng BW., China

Boiler: Steam boiler, 125 t/h

Project reference: P592

Fuel: Natural gas

Burner: 4 pcs GT-35U





End user: Beijing Fengtai heating plant, China

Boiler/Plant supplier: TPRD, China

Boiler: Hot water boiler, 29 MW

Project reference: P630

Fuel: Natural gas

Burner: 4 pcs GT-35U

End user: Xinjiang Herong thermal power Co. Ltd, China

Boiler: Hot water boiler

Project reference: S004885 (OBW)

Fuel: Natural gas

Burner: 10 pcs GT-50S



End user: Beijing Shuangyushu Heating Plant, China

Boiler/Plant supplier: Noviter Oy, Finland

Boiler: Hot water boiler, 116 MW

Project reference: P037

Fuel: Natural gas

Burner: 9 pcs GT-50S



End user: Nestle, Singapore

Boiler/Plant supplier: Pacific Central Teknik PTE Ltd., Singapore

Boiler: 2 pcs boilers, 30 t/h

Project reference: 76831

Fuel: Natural gas, light fuel oil and heavy fuel oil

Burner: GRP-2000 ME

GKP-2000 ME





Fluidized Bed Boilers





End user: Korea Southern Power Co., Korea

Boiler/Plant supplier: Foster Wheeler Energia Oy,
Varkaus, Finland

Boiler: 4 pcs circulating fluidized bed boilers, 550 MW

Project reference: P544

Fuel: Light fuel oil

Burner: 64 pcs KL-650, 35 MW/burner



End user: Polaniec, Poland
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Circulating fluidized bed boiler, 482 MW
Project reference: P481
Fuel: Light fuel oil
Burner: 7 pcs KL-550



End user: Händelö, Norrköping, Sweden
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Circulating fluidized bed boiler, 84,5 MWth
Project reference: P433
Fuel: Light fuel oil
Burner: 2 pcs KL-450
2 pcs KL-350



End user: Tornion Voima Oy, Finland
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Circulating fluidized bed boiler, 40 MWe
Project reference: P327
Fuel: Heavy fuel oil and CO gas
Burner: 2 pcs GRL-550
2 pcs GRL-450

End user: Lomellina Energia S.r.l., Italy
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Circulating fluidized bed boiler, 106 t/h
Project reference: P295
Fuel: Natural gas
Burner: 2 pcs GL-450
 2 pcs GL-350



End user: Emlichheim, Germany
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Circulating fluidized bed boiler, 67 MWth
Project reference: P280
Fuel: Light fuel oil
Burner: 2 pcs KL-450
 2 pcs KL-350



End user: Siemens Simmering, Wienstrom GmbH, Vienna, Austria
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Circulating fluidized bed boiler, 61 MWth
Project reference: P272
Fuel: Natural gas
Burner: 2 pcs GL-450
 2 pcs GL-350







End user: Vilniaus Energija, Vilnius, Lithuania

Boiler/Plant supplier: Kvaerner Power Oy, Vantaa Finland

Boiler: Circulating fluidized bed boiler, 70 MW

Project reference: P284

Fuel: Natural gas

Burner: GL-450



End user: Lagisza Power Plant, Bedzin, Poland

Boiler/Plant supplier: Foster Wheeler Energia, Polska Sp. Zo.o

Boiler: Circulating fluidized bed boiler, 480 MW

Project reference: P306

Fuel: Light fuel oil

Burner: 10 pcs KL-550, 25-35 MW/burner



End user: Prokon Nord Energiesysteme GmbH, Hamburg, Germany

Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland

Boiler: Circulating fluidized bed boiler, 62 MWth

Project reference: P260

Fuel: Light fuel oil

Burner: 2 pcs KL-450
2 pcs KL-350



End user: Bergkamen, Germany

Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland

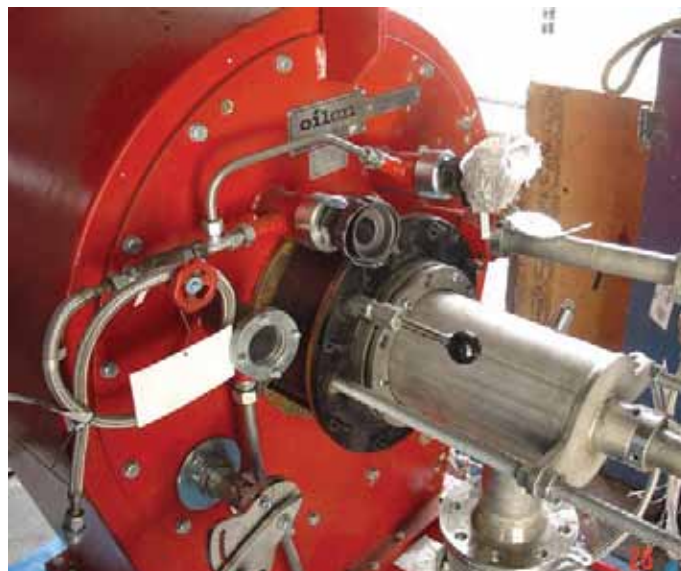
Boiler: Circulating fluidized bed boiler, 57 MWth

Project reference: P247

Fuel: Light fuel oil

Burner: 2 pcs KL-450

End user: Kontupohja, Russia
Boiler/Plant supplier: Outokumpu Oy, Ecoenergy, Espoo, Finland
Boiler: Fluidized bed boiler
Project reference: 900420
Fuel: Natural gas and heavy fuel oil
Burner: 2 pcs GRL-400



End user: Nestle de Colombia S.A., Bogota, Columbia
Boiler/Plant supplier: Nestle/Nestrade, Tour-de-Peilz, Switzerland
Boiler: Bubbling fluidized bed boiler, 17 t/h
Project reference: P319
Fuel: Natural gas and light fuel oil
Burner: KL-250
 GKT-25L



End user: Dundee Energy Recycling Ltd., Baldovie Industrial Estate Dundee, Scotland
Boiler/Plant supplier: Kvaerner Pulping AB, Göteborg, Sweden
Boiler: Bubbling fluidized bed boiler, 2 x 17 MW
Project reference: P051
Fuel: Light fuel oil
Burner: 4 pcs KT-12K
 4 pcs KT-8K





Waste Incineration



End user: Ekokem Oy, Riihimäki, Finland

Boiler/Plant supplier: Fisia Babcock Environment GmbH

Boiler: Grate boiler / Rotary kiln

Project reference: P300 / 62071

Fuel: Various wastes, heavy fuel oil and light fuel oil

Burner: 2 pcs RT-25K

2 pcs TP-3.5

TP-17.5

9 pcs waste lances



End user: Veolia/Sarp Industries, Bassens, France

Boiler/Plant supplier: Veolia/Sarp Industries, Bassens, France

Furnace: Rotary kiln

Project reference: P243

Fuel: Waste oil and various kinds of liquid waste, natural gas

Burner: GRJT-18KM

GRJT-12KM



End user: Hazardous waste incineration plant, Kualiti Alam, Malaysia

Boiler/Plant supplier: Sumitomo Heavy Industries Co., Ltd., Japan

Furnace: Rotary kiln

Project reference: P021

Fuel: Various wastes

Burner: KT-12K

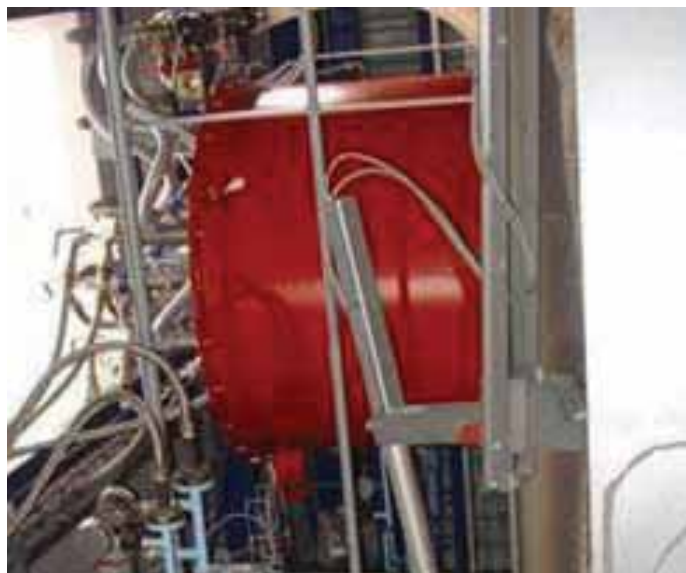
KL-450

8 pcs waste lances

End user: Sang Gae Seoul City Government, Korea
Boiler/Plant supplier: Hyundai Heavy Industries Co., Korea
Boiler: Grate boiler
Project reference: 931230
Fuel: Natural gas
Burner: 6 pcs GT-8K, 7 MW/burner



End user: A.R.F. Centre de Pretraitement de Dechets Industriel, Saint-Remy-Du-Nord, France
Boiler/Plant supplier: A.R.F. Centre de Pretraitement de Dechets Industriel, Saint-Remy-Du-Nord, France
Furnace: Rotary kiln
Project reference: P274
Fuel: Various kinds of liquid wastes
Burner: RJT-25K



End user: Veolia/Sarp Industries, Limay, France
Boiler/Plant supplier: Veolia/Sarp Industries, Limay, France
Furnace: Rotary kiln
Project reference: P153/P243
Fuel: Natural gas, waste oil and various kinds of liquid waste
Burner: GRJT-18KM
GRJT-12KM





End user: Prokon Nord Energiesysteme GmbH,
Dampfzentrale Weener, Germany

Boiler/Plant supplier: Baumgarte Boiler Systems
GmbH, Germany

Boiler: Grate boiler

Project reference: P340

Fuel: Light fuel oil

Burner: 2 pcs KT-25K, 20 MW/burner



End user: Information Thailand Ltd., HatYai, Thailand

Boiler/Plant supplier: Gidec Co. Ltd., Watana, Thailand

Boiler: Grate boiler

Project reference: P546

Fuel: Light fuel oil

Burner: 2 pcs KT-5K



Pulp and Paper





End user: UPM, Kymi Paper Mill, Kuusankoski, Finland

Boiler/Plant supplier: Kvaerner Pulping Oy

Boiler: Bubbling fluidized bed boiler, 385 t/h

Project reference: P134

Fuel: Natural gas and heavy fuel oil

Burner: 4 pcs GRT-70L, 52 MW/burner



End user: Mobile Energy Services, Mobile Pulp & Paper, Alabama, USA

Boiler/Plant supplier: Andritz Inc.

Boiler: Recovery boiler, 300 t/h

Project reference: P089

Fuel: Natural gas

Burner: 6 pcs GT-50S, 42 MW/burner



End user: BILT Graphic Paper Products Ltd.

Ballarpur Paper Mills, Maharashtra, India

Boiler/Plant supplier: M/s BILT Graphic Paper Products Ltd., India

Boiler: Recovery boiler, 2500 tds/day

Project reference: P518

Fuel: Natural gas

Burner: 6 pcs RT-11F



End user: UPM-Kymmene Oy, Wisapaper, Pietarsaari, Finland

Boiler/Plant supplier: Andritz Oy, Varkaus, Finland

Boiler: Recovery boiler, 4450 tds/d

Project reference: P190

Fuel: Odorous gas, heavy fuel oil

Burner: 10 pcs RT-14F, 12 MW/burner

5 pcs RT-50S, 48 MW/burner

MT-25K, 20 MW/burner

LL-1500K

End user: SCA Packaging AB, Obbola, Sweden
Boiler/Plant supplier: Andritz Oy, Helsinki, Finland
Boiler: Recovery boiler, 1000 tds/d
Project reference: P316
Fuel: Odorous gas, methanol and heavy fuel oil
Burner: 4 pcs RT-11F
2 pcs RT-25S
MT-8K
LL-1500K



End user: Santa Fe, CMPC, Chile
Boiler/Plant supplier: Andritz Oy, Helsinki, Finland
Boiler: Recovery boiler, 3800 tds/d
Project reference: P276
Fuel: Natural gas, odorous gas, methanol and heavy oil
Burner: 8 pcs GT-14 F
2 pcs GT-35 K
MT-12 K



End user: Östrand, Sweden
Boiler/Plant supplier: Andritz Oy, Helsinki, Finland
Boiler: Recovery boiler, 3300/4400 tds/d
Project reference: P294
Fuel: Heavy fuel oil
Burner: 11 pcs RT-14F







End user: Mondi Swiecie, Poland

Boiler/Plant supplier: Andritz Oy, Helsinki, Finland

Boiler: Fluidized bed boiler

Project reference: P691

Fuel: Light fuel oil

Burner: 3 pcs KL-450



End user: PCA Valdosta, USA
Boiler/Plant supplier: Andritz Oy, Finland
Boiler: Recovery boiler
Project reference: P458
Fuel: Natural gas
Burner: 2 pcs GT-50S
6 pcs GT-14F



End user: Stora Enso Mill, Kvarnsveden, Sweden
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Bubbling fluidized bed boiler, 130 MW
Project reference: P201
Fuel: Heavy fuel oil
Burner: 7 pcs RL-25B
3 pcs RL-450



End user: Stora Enso Langerbrugge N.V., Belgium
Boiler/Plant supplier: Babcock Borsig Power Austrian Energy GmbH, Wien, Austria
Boiler: Fluidized bed boiler, 65 t/h
Project reference: P174
Fuel: Natural gas
Burner: 2 pcs GL-450
2 pcs GL-350
GT-5K

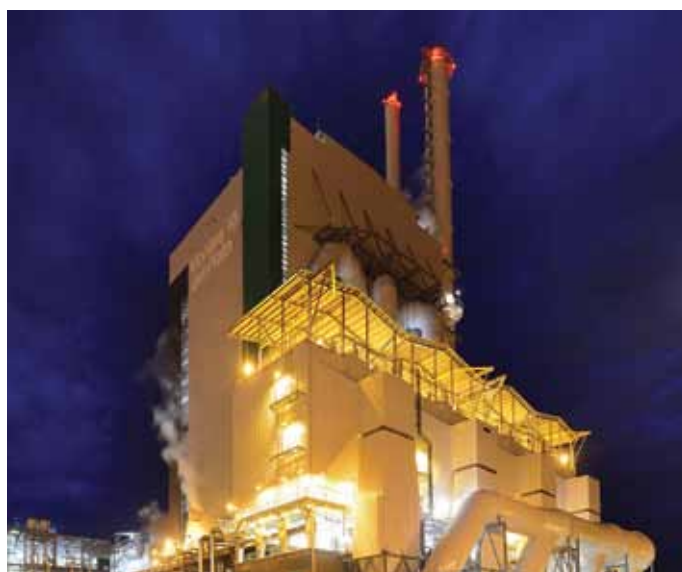
End user: Portucel Cacia, Portugal
Boiler/Plant supplier: Andritz Oy, Varkaus, Finland
Boiler: Bubbling fluidized bed boiler
Project reference: P415
Fuel: Natural gas
Burner: 2 pcs GT-25L
 GL-450



End user: UPM Kaukas, Lappeenranta, Finland
Boiler/Plant supplier: Foster Wheeler Energia Oy, Varkaus, Finland
Boiler: Circulating fluidized bed boiler, 380 MWt/h
Project reference: P377
Fuel: Natural gas and light fuel oil
Burner: 10 pcs GL-25B
 7 pcs GKL-550
 3 pcs GL-450



End user: Montes del Plata, Stora-Enso, Uruguay,
Boiler/Plant supplier: Andritz Oy, Varkaus, Finland
Boiler: Recovery boiler, power boiler, auxiliary boiler
Project reference: P530/P531
Fuel: Heavy fuel oil and odorous gases
Burner: 12 pcs RT-14F
 4 pcs MT-18S
 6 pcs RT-50S
 MT-18S
 MT-25K
 RL-450







End user: Iggesund Bruk, Sweden

Boiler/Plant supplier: Andritz Oy, Finland

Boiler: Recovery boiler, 2400 tTS/d

Project reference: P495

Fuel: Heavy fuel oil, tall oil and pitch oil

Burner: 6 pcs RT-11F

2 pcs RT-50S



Marine Industry



Shipyard: Jurong Shipyard Pte.Ltd., Singapore
EPSO system for vessel FPSO CIDADE DE ITAJAI
Boiler/Plant supplier: Pacific Central Teknik PTE. Ltd., Singapore
Boiler: Hot oil boiler
Project reference: P534
Fuel: Natural gas and light fuel oil
Burner: 2 pcs GKT-25S



Shipyard: Daewoo Shipb.& Marine ENG., Korea
Vessel: CMA CGM MARCO POLO
Boiler/Plant supplier: Alfa Laval Aalborg A/S
Boiler: Steam boiler
Project reference: 149252
Fuel: Heavy fuel oil and MGO
Burner: KBO-E50 M (RP-500 M)



Owner: Birka Line, Sweden
Vessel: M/S Birka Paradise
Boiler/Plant supplier: Alfa Laval Aalborg Oy
Boiler: Steam boiler
Project reference: 60992
Fuel: Heavy fuel oil
Burner: RP-400 M-I

Shipyard: Nanjing Jingling Shipyard

Vessel: Purha

Boiler/Plant supplier: VKK Standardkessel Köthen GmbH,
Germany

Boiler: Steam boiler

Project reference: P197

Fuel: Heavy fuel oil

Burner: RT-12S



Owner: Murmansk Shipping Company, Russia

Vessel: MT Varzuga, previously M/T Uikku

Shipyard: Werft Nobiskrug GmbH,
Deutschland, Rendsburg,

Boiler: Steam boiler, 15 t/h

Project reference: 980140

Fuel: Heavy fuel oil

Burner: RP-800 ME



Owner: Sirius Shipping, Sweden

Vessel: M/S Seagas

Shipyard: Fiskerstrand Verft AS Norway, Norway

Project reference: 171464

Fuel: LNG

Burner: GKP-50 H/M LNG



Source: <http://siriusshipping.eu/our-fleet/seagas/>



Shipyard: Hyundai Mipo Dockyard, Korea
 Vessel: Cap San Lorenzo
Boiler/Plant supplier: Kangrim Heavy Industries Co Ltd., Korea
Boiler: Steam boiler
Project reference: 180911
Fuel: Heavy fuel oil
Burner: RP-140 M

“Source: VesselFinder/www.vesselfinder.com”



Shipyard: Daewoo Shipb. & Marine ENG., Korea
 Vessel: Willpride
Boiler/Plant supplier: Kangrim Heavy Industries Co Ltd., Korea
Boiler: Steam boiler
Project reference: 155852
Fuel: Heavy fuel oil
Burner: 2 pcs RP-500 M

“Source: VesselFinder/www.vesselfinder.com”



Shipyard: Hyundai Samho Heavy Ind., Korea
 Vessel: Rhodos
Boiler/Plant supplier: Kangrim Heavy Industries Co Ltd., Korea
Boiler: Steam boiler
Project reference: 157791
Fuel: Heavy fuel oil
Burner: RP-280 M

“Source: VesselFinder/www.vesselfinder.com”

Shipyard: Yangzhou Guoyo Shipbuilding Co Ltd., China

Vessel: Nordic Dalian

Boiler/Plant supplier: Alfa Laval Aalborg A/S

Boiler: Steam boiler

Project reference: 159016

Fuel: Heavy fuel oil

Burner: KBO-E14 M (RP-140 M)



“Source: VesselFinder/www.vesselfinder.com”

Shipyard: Hyundai Mipo Dockyard, Korea

Vessel: Cielo Di New York

Boiler/Plant supplier: Kangrim Heavy Industries Co Ltd., Korea

Boiler: Steam boiler

Project reference: 164909

Fuel: Heavy fuel oil

Burner: RP-140 M



“Source: VesselFinder/www.vesselfinder.com”

Shipyard: Daewoo Shipb. & Marine ENG., Korea

Vessel: MSC Zoe

Boiler/Plant supplier: Kangrim Heavy Industries Co Ltd., Korea

Boiler: Steam boiler

Project reference: 179249

Fuel: Heavy fuel oil

Burner: RP-500 M



“Source: VesselFinder/www.vesselfinder.com”



Owner: Arctia Icebreaking Oy, Finland

Vessel: Icebreaker SisU

Boiler: Water boiler

Project reference: 187043

Fuel: MGO

Burner: RP-140 H

“Source: VesselFinder/www.vesselfinder.com”



Owner: Sunrod International AB

Vessel: Oscar Wilde

Project reference: 65214

Fuel: Heavy fuel oil

Burner: 2 pcs RP-300 M

“Source: VesselFinder/www.vesselfinder.com”



Shipyard: Turun korjaustelakka Oy, Naantali, Finland

Vessel: Akademik Fedorov

Project reference: 136473

Fuel: Light fuel oil

Burner: KP-500 M

“Source: VesselFinder/www.vesselfinder.com”

Shipyard: Hyundai Mipo Dockyard, Korea

Vessel: Merkur Planet

Boiler/Plant supplier: Kangrim Heavy Industries Co Ltd, Korea

Boiler: Steam boiler

Project reference: 176477

Fuel: Heavy fuel oil

Burner: RP-140 M



Owner: ESL Shipping

Vessel: M/S Kumpula

Boiler/Plant supplier: Alfa Laval Aalborg Oy, Rauma, Finland

Boiler: Steam boiler

Project reference: 182885

Fuel: Heavy fuel oil

Burner: RP-140 M



Shipyard: Daewoo Shipbuilding & marine Eng., Korea

Vessel: Saga Future

Boiler/Plant supplier: Kangrim Heavy Industries Co Ltd, Korea

Boiler: Steam boiler

Project reference: 149222

Fuel: Heavy fuel oil

Burner: RP-140 M





Shipyard: Fincantieri, Canada
Vessel: F.-A.-Gauthier
Project reference: 167035
Fuel: LNG
Burner: GKP-280 M LNG



Oil Industry



End user: Antipinsk Oil Refinery, Russia

Boiler/Plant supplier: KPA Unicon, Finland

Boiler: 50 t/h steam boilers, 9 MW hot water boilers

Project reference: P585

Fuel: Natural gas and light fuel oil

Burner: 6 pcs GKT-25S

3 pcs GKT-12S



End user: Refinery Nafty, Jedlicze, Poland
Boiler/Plant supplier: ABB-Zamech Ltd.,
Power Combustion System Katowice, Poland
Boiler: OOG-35 steam boiler, 35 t/h
Project reference: P082
Fuel: Natural gas and heavy fuel oil
Burner: 2 pcs GRT-18L



Breweries



End user: Carlsberg /Slavutich, Zaporozie, Ukraine

Boiler supplier: LOOS, Germany

Boiler: Steam boiler, 32 t/h

Project reference: P521

Fuel: Natural gas and bio gas

Burner: 2 pcs GT-35S



End user: Carlsberg /Slavutich, Kiev, Ukraine

Boiler supplier: LOOS, Germany

Boiler: Steam boiler, 16 t/h

Project reference: P449

Fuel: Natural gas and bio gas

Burner: GT-18S



Metallurgy and Aluminium Industry





End user: ArcelorMittal, Kazakstan

Boiler/Plant supplier: KPA Unicon Oy, Finland

Boiler: Steam boiler

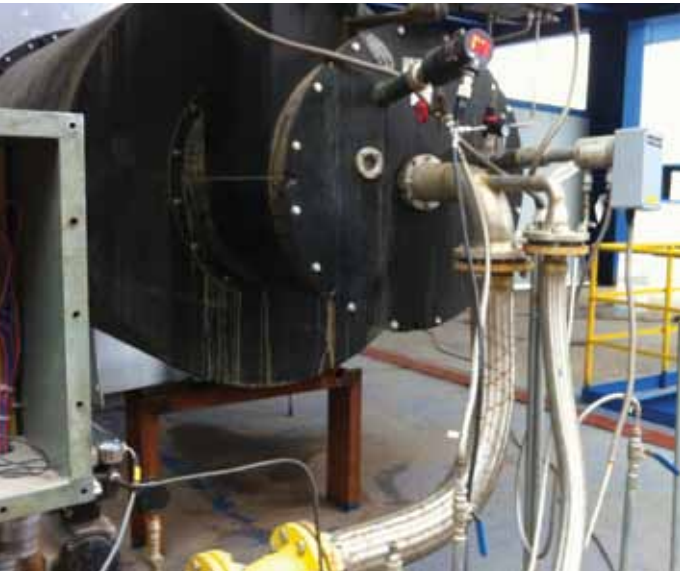
Project reference: P502

Fuel: Blast furnace gas (BFG), coke oven gas (COG)

Burner: 10 pcs GT-18S



End user: Xiaoyi Aluminum Plant, China
Boiler/Plant supplier: Shanxi Xiaoyi Xinfu, China
Furnace: Baking furnace
Project reference: P478
Fuel: Natural gas
Burner: 2 pcs GT-12K
3 pcs GT-3K



End user: Jiaokou Feimei Aluminum Co. Ltd., China
Boiler/Plant supplier: Shandong Dongyue Energy Jiaokou, China
Furnace: Baking furnace
Project reference: P508
Fuel: Natural gas
Burner: 3 pcs GT-12K
6 pcs GT-3K



End user: China Great Wall Aluminium Corporation Shangjie, Zhengzhou, Henan, China
Boiler/Plant supplier: Changzhou Energy Engineering Factory Changzhou, Jiangsu, China
Furnace: Baking furnace
Project reference: P249
Fuel: Residual oil
Burner: 8 pcs GRT-25S

End user: China Aluminium International Trading Co. Ltd,
Beijing, China

Boiler/Plant supplier: Aluminium Corporation of China Ltd,
Henan Branch, Shangjie, China

Furnace: Molten salt furnace

Project reference: P207

Fuel: Natural gas and residual oil

Burner: 4 pcs GRL-150

4 pcs RL-150

2 pcs GRT-25S

2 pcs GKL-350



End user: Chongqing Branch of China Aluminum Corporation,
China

Boiler/Plant supplier: Changzhou Energy, China

Furnace: Molten salt furnace

Project reference: P422

Fuel: Natural gas and residual oil

Burner: 6 pcs GT-50S



End user: Shanxi Huaxing Aluminum Co. Ltd., China

Furnace: Baking furnace

Project reference: P542

Fuel: Natural gas

Burner: 2 pcs GT-12K

2 pcs GT-8K

GT-3K





End user: LG Nikko Copper Inc., Ulsan, Korea

Boiler/Plant supplier: LG Nikko Copper Inc.,
Ulsan, Korea

Furnace: Anode furnace

Project reference: P218

Fuel: Heavy fuel oil

Burner: 2 pcs RT-12 K



End user: Zaire

Boiler/Plant supplier: Outokumpu Engineering
Contractors Oy, Espoo Finland

Furnace: Anode furnace

Fuel: Light fuel oil

Burner: KT-6

End user: Bulgaria

Boiler/Plant supplier: Outokumpu Engineering
Contractors Oy, Espoo Finland

Furnace: Anode furnace

Fuel: Heavy fuel oil

Burner: 2 pcs RT-12K



End user: Sintering plant, Brazil

Boiler/Plant supplier: Outokumpu Engineering
Contractors Oy, Espoo, Finland

Furnace: Smelting furnace

Fuel: Liquefied petroleum gas

Burner: 2 pcs GT-1650R

End user: Sintering plant, South Africa

Boiler/Plant supplier: Outokumpu Technology Oy,
Espoo Finland

Furnace: Smelting furnace

Fuel: Heavy fuel oil and liquefied petroleum gas

Burner: 8 pcs GRT-3KD

End user: Sintering plant, Kazakstan

Boiler/Plant supplier: Outotec Oyj, Espoo, Finland

Furnace: Smelting furnace

Fuel: Natural gas

Burner: 2 pcs GT-1650R



End user: Sintering plant, South Africa

Boiler/Plant supplier: Outotec Oyj, Espoo, Finland

Furnace: Smelting furnace

Fuel: Gasco gas and CO

Burner: 2 pcs GT-5K

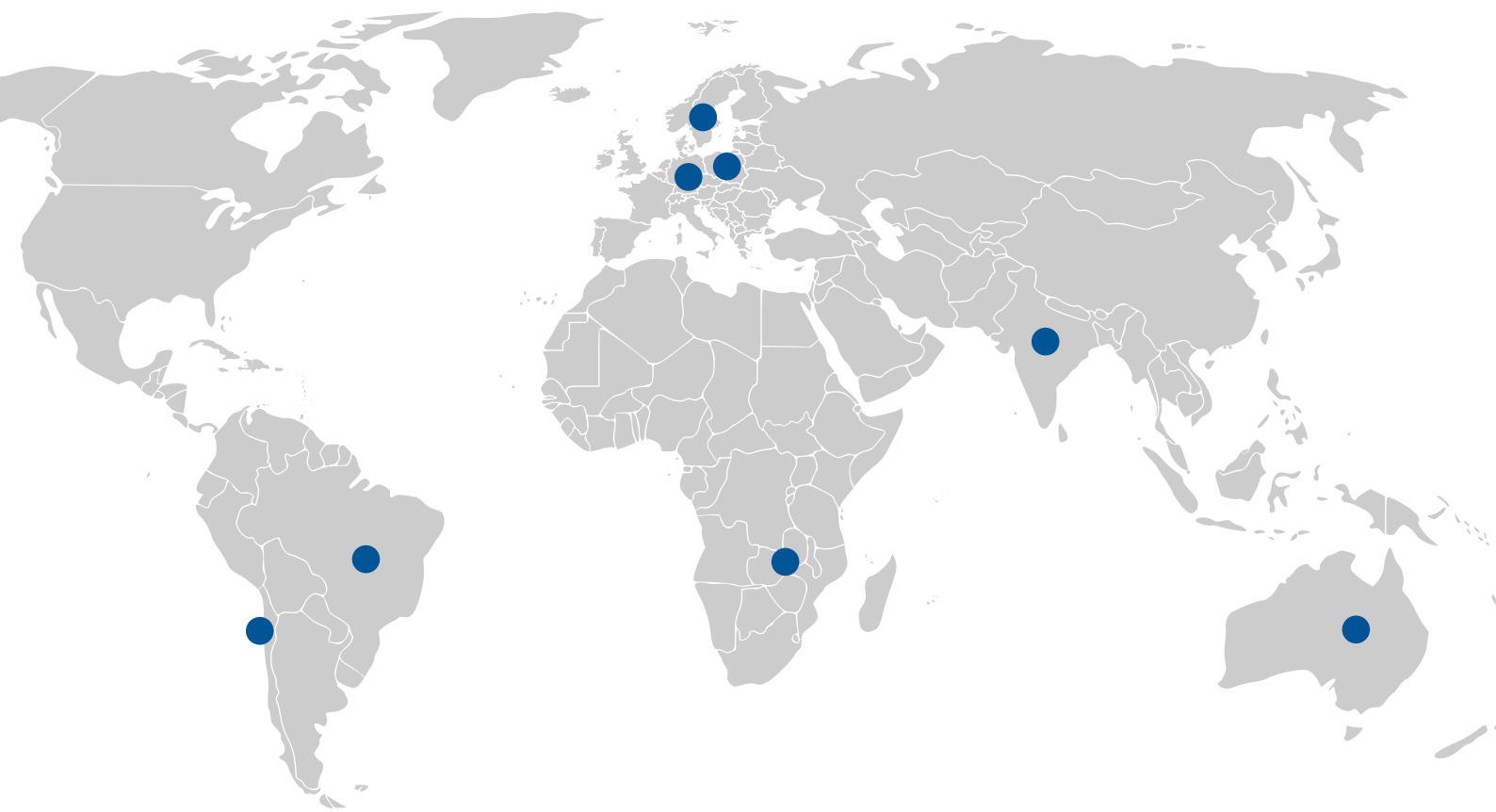
End user: Sintering plant, Phillipines

Boiler/Plant supplier: Outokumpu Oy Espoo, Finland

Furnace: Smelting furnace

Fuel: Blast furnace gas (BFG), coke oven gas (COG)

Burner: 5 pcs TP-7



End user: Zambia
Boiler/Plant supplier: Outotec Oyj, Espoo, Finland
Furnace: Flash smelting furnace
Fuel: Oxyfuel burner
Burner: 2 pcs RL-250FS

End user: Poland
Boiler/Plant supplier: Outotec Oyj, Espoo, Finland
Furnace: Flash smelting furnace
Fuel: Heavyfuel oil
Burner: 12 pcs RL-300FS
 4 pcs RL-250FS
 4 pcs RL-200FS

End user: Hindalco Industries Ltd, Gujarat, India
Boiler/Plant supplier: Hindalco Industries Ltd, Gujarat, India
Furnace: Flash smelting furnace
Project reference: P000265
Fuel: Heavy fuel oil and natural gas
Burner: GRL-200FS
 GRL-250FS

End user: Germany
Boiler/Plant supplier: Outokumpu Engineering Contractors Oy, Espoo, Finland
Furnace: Flash smelting furnace
Fuel: Natural gas
Burner: 2 pcs GL-3335N

End user: Chuquicamata, Codelco, Chile
Boiler/Plant supplier: Corporation Nacional De Cobre Santiago, Chile
Furnace: Flash smelting furnace
Project reference: 64332
Fuel: Heavy fuel oil
Burner: 10 pcs TP-12
 4 pcs TP-16

End user: Australia
Boiler/Plant supplier: Outokumpu Engineering Contractors Oy, Espoo, Finland
Furnace: Flash smelting furnace
Fuel: Oxyfuel burner
Burner: 11 pcs RL-200FS, RL-250FS

End user: Brazil
Boiler/Plant supplier: Mineracao Serra Da Fortaleza Ltda, Brazil
Furnace: Flash smelting furnace
Project reference: 960290
Fuel: Heavy fuel oil
Burner: 2 pcs RL-200 FS
 2 pcs RL-250 FS

End user: India
Boiler/Plant supplier: Outokumpu Engineering Contractors Oy, Espoo, Finland
Furnace: Flash smelting furnace
Fuel: Heavy fuel oil
Burner: 3 pcs RL-200 FS
 3 pcs RL-250 FS
 3 pcs RL-250 FS

End user: Sweden
Boiler/Plant supplier: Outokumpu Engineering Contractors Oy, Espoo Finland
Furnace: Flash smelting furnace
Fuel: Oxyfuel burner
Burner: 7 pcs KL-250FS
 3 pcs KL-200FS

End user: Codelco, Chile
Boiler/Plant supplier: Wenmec Systems Oy, Espoo, Finland
Furnace: Flash smelting furnace
Project reference: 920410
Fuel: Liquefied petroleum gas
Burner: GL-250



Other Applications





End user: TEVA, Israel

Boiler/Plant supplier: CTU

Plant: Thermal Oxidizer

Furnace: Static kiln

Project reference: P641

Fuel: Off gases, natural gas, light fuel oil, solvent

Burner: GML-350, 3 MW/burner



End user: Dead Sea Works, Israel
Boiler/Plant supplier: Ventilex B.V. Heerde, Holland
Boiler: Rotary kiln dryer
Project reference: P169
Fuel: Natural gas, light fuel oil and heavy fuel oil
Burner: GRT-18K



End user: Dead Sea Works, Israel
Boiler/Plant supplier: GEA Barr- Rosin Ltd, UK
Boiler: Rotary kiln dryer
Project reference: P535
Fuel: Natural gas and light fuel oil
Burner: GKT-12K



End user: Dead Sea Works, Israel
Boiler/Plant supplier: Afcon Manufacturing & Contracting Darom Ltd., Israel
Boiler: Rotary kiln dryer
Project reference: P410
Fuel: Natural gas and light fuel oil
Burner: 2 pcs GKT-12K
2 pcs GKL-350

End user: Asphalt Plant, Australia
Boiler/Plant supplier: Combustion and Engineering, Australia
Boiler: Asphalt drum
Project reference: 104918
Fuel: Natural gas
Burner: GP-700 M-II



End user: Masfalt, Poland
Boiler/Plant supplier: Oilon Polska SP Z.O.O., Poland
Boiler: Asphalt drum
Project reference: 88589
Fuel: Natural gas and light fuel oil
Burner: GKP-2000 ME



End user: Forchem Oy, Rauma, Finland
Boiler/Plant supplier: Forchem Oy, Rauma, Finland
Boiler: Hot oil heater
Project reference: P580
Fuel: Light fuel oil
Burner: MT-25L





End user: Eastside Acres, Ontario, Canada

Boiler: Hurst boiler 700 BHP

Project reference: 188318

Fuel: Natural gas and light fuel oil

Burner: 1 pcs GKP-1000 M



End user: Samwoh Asphalt Drum, Singapore

Boiler/Plant supplier: Pacific Central Teknik PTE Ltd., Singapore

Boiler: Asphalt drum

Project reference: 109110

Fuel: Natural gas and light fuel oil

Burner: 1 pcs GKP-1600 ME



End user: Rauma Forest Chemical, Rauma, Finland

Boiler/Plant supplier: Bertrams-Heatec Ag
Mutterz, Switzerland

Boiler: Hot oil heater, 11 MW

Project reference: P159

Fuel: Light fuel oil, waste oil and pine oil//turpentine

Burner: KMT-18L



End user: Herradura tequila factory, Mexico

Boiler: Hurst hybrid bio mass boiler, 8 MW

Project reference: 171981

Fuel: Heavy fuel oil, natural gas and bio gas

Burner: RP-700 M-II

GP-250 M

GP-130 M





End user: Dueik Equipos Termicos, Chile

Boiler/Plant supplier: Dueik Equipos Termicos, Chile

Boiler: 3 pcs 10 t/h boilers

Project reference: 148139

Fuel: Light fuel oil

Burner: 3 pcs KP-700 M-II

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