

Selected References Industrial boiler service



Year of order	Customer Country Site Name	Branch of Industry	Project Type	Description	AI Boiler Type Manufacturer Fuel	Boiler Steam Data		
						Flow t/h	Press. barg	Temp. °C
2005	Amagerforbrændingen Denmark Amager	Waste Burning Plant	Retrofit	Supply and installation of new ash hoppers	Not AI type Vølund Solid Waste	25	47	380
2005	Reno Syd Denmark Skanderborg	Waste Burning Plant	Upgrading	Supply and replacement of panel walls in 3rd pass	AT-23 Aalborg Solid Waste	18	47	430
2005	Novopan A/S Denmark Pindstrup	Wood rocessing	Retrofit	Supply and replacement of secondary and primary superheater	Not AI type Vølund Wood Waste	45	60	420
2005	TAS I/S Denmark Kolding	Waste Burning Plant	Upgrading	Supply and installation of a complete HP steam by-pass station	AT-23 Aalborg Solid Waste	31	40	420
2005	Dalum Papir Denmark Dalum	Pulp and Paper	Retrofit	Supply and replacement of complete primary superheater	Not AI type Helsingør N-gas	60	55	480
2005	Aalborg Portland Denmark Aalborg Portland	Cement Industry	Retrofit	Supply and replacement of two complete tube banks for WHR boilers	AV-7 Aalborg Process gas	0	6	Hot water
2005	Energi E2 Denmark Avedøreværket	Power Stations	Retrofit	Revision air heater for boiler 1	SO Aalborg Coal	774	250	545

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2005	Energi E2 Denmark Avedøreværket	Power Stations	Upgrading	Installation of by-pass line for economizer at boiler 1	SO Aalborg Coal	774	250	545
2005	Hammel Fjernvarme Denmark Hammel	Waste Burning Plant	Upgrading	Supply and installation of economizer	AV-7 Aalborg Flue gas	0	8	0
2005	Energi E2 Denmark Amagerværket	Power Stations	Upgrading	Supply and installation of ash handling system below boiler	SO Aalborg Coal - Straw	420	175	540
2005	Sæby Fiskeindustri Denmark Sæby	Food Processing	Retrofit	Supply and replacement of tube plate and tubes in 2nd pass	AR-4D Aalborg N-gas	8	10	Sat.
2005	Energi E2 Denmark Amagerværket	Power Stations	Upgrading	Supply and installation of openings for soot blowers	SO Aalborg Coal - Straw	420	175	540
2005	KAN Denmark Århus Nord	Waste Burning Plant	Retrofit	Supply and replacement of two superheater sections	AT-23 Aalborg Solid Waste	25	78	430
2005	Novopan A/S Denmark Pindstrup	Wood processing	Retrofit	Supply and replacement of secondary and primary superheater	Not AI type Vølund Wood Waste	45	60	420

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2005	Motor Oil, Hellas Denmark Corinth Refineries	Refinery	Retrofit	Supply and replacement of generating system, superheaters and oilburners	Not AI type Lentjes HFO	40	48	410
2004	Elsam A/S Denmark Nordjyllandsværket	Power Stations	Retrofit	Replacement of 172 thermometer pockets in HP system	BE Aalborg Coal	972	290	580
2004	Motor Oil, Hellas Denmark Corinth Refineries	Refinery	Retrofit	Supply and replacement of generating system, superheaters and oilburners	Not AI type Babcock HFO	50	48	410
2004	Elsam A/S Denmark Skærbækværket	Power Stations	Retrofit	Replacement of 91 thermometer pockets in HP system	BE Aalborg N-gas	972	290	580
2004	Elsam A/S Denmark Nordjyllandsværket	Power Stations	Retrofit	Supply of complete spray nozzles for HP superheater	BE Aalborg Coal	972	290	580
2004	Norsk Hydro Denmark Troll C	Platform	Retrofit	Supply of economizer in stainless steel	AV-14 Aalborg GT	0	15	0
2004	Danisco Sugar Denmark Nakskov Sugar	Sugar Factory	Retrofit	Supply and replacement of primary and secondary superheaters primary and Supply and replacement of	Not AI type SMV N-gas/HFO	70	67	480

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2004	Reno Syd Denmark Skanderborg	Waste Burning Plant	Upgrading	Supply and replacement of superheater and part of furnace	AT-23 Aalborg Solid Waste	18	47	430
2004	Energi E2 Denmark Amagerværket	Power Stations	Upgrading	Supply and installation of ash handling system	SO Aalborg Coal - Straw	420	175	540
2004	Boliden Mineral AB Denmark Skellefthamn	Metal Industry	Retrofit	Supply and replacement of furnace walls	Not AI type Babcock Process gas	50	40	420
2004	Vølund Denmark Fasan	Waste Burning Plant	Upgrading	Supply and installation of complete support burner system with cap. 2 x 9,5 MW	Not AI type Vølund Solid Waste	25	47	380
2004	Elsam A/S Denmark Nordjyllandsværket	Power Stations	Retrofit	Replacement of 3 superheater headers	BE Aalborg Coal	972	290	580
2004	Alstom Denmark A/S Denmark Studstrupværket	Power Stations	Retrofit	Cutting and re-welding of main steam pipeline	BE Aalborg Coal	1080	250	540
2004	Elsam A/S Denmark Studstrupværket	Power Stations	Upgrading	Supply and installation of heating coil	AR-4D Aalborg Oil	14	15	Sat.

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2004	Elsam A/S Denmark Studstrupværket	Power Stations	Retrofit	Overhaul of coal burners	BE Aalborg Coal	1080	250	540
2003	Elsam A/S Denmark Nordjyllandsværket	Power Stations	Retrofit	Replacement of HP by-pass valves	BE Aalborg Coal	972	290	580
2003	Carbery Milk Ireland Carbery	Food processing	Retrofit	Partial replacement of heating surface	PIONEER GT5 Aalborg Gas	29	30	Sat.
2003	KAVO Denmark Slagelse	Waste burning plant	Upgrading	Supply and installation of complete support burners system with cap. 2 x 25 MW	AT-23 Aalborg Solid waste	20	67	430
2003	Aars KVV Denmark Aars	Waste burning plant	Retrofit	Supply and replacement of superheater	AT-23 Aalborg Solid waste	16	47	430
2003	Danisco Sugar Denmark Nakskov Sugar	Food processing	Upgrading	Supply and installation of bio gas burner	Not AI type SMV Oil	70	64	480
2003	Aalborg Kommune Denmark Aalborg	Power Stations	Upgrading	Supply and installation of two 25 MW dual fuel burners	Not AI type Danstoker Gas/oil	25	5	-

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2003	Danisco Sugar Denmark Assens Sugar	Food processing	Retrofit	Scrapping of coal fired travelling grate for installation of oil burners	Not AI type B&W Oil	40	40	420
2003	Kolding KVV Denmark Kolding	Waste burning plant	Retrofit	Supply and replacement of superheater	AT-23 Aalborg Solid waste	31	40	420
2003	Energi E2 Denmark Asnæsværket	Power Stations	Retrofit	Unit 2 - repair of re-superheater	Not AI type B&W Coal	0	0	0
2003	Energi E2 Denmark Avedøreværket	Power Stations	Upgrading	Unit 2 - supply of heating surface for air heater	Not AI type Vølund Bio fuel	0	0	0
2003	Amagerforbrændingen Denmark Amager	Waste burning plant	Retrofit	Supply and installation of steam piping and steam header	Not AI type Vølund Solid waste	25	47	380
2003	Elsam Kraft A/S Denmark Enstedværket	Power stations	Upgrading	Supply and installation of new oil burners on aux. Boilers	AQ-9 Aalborg Oil	19	11	320
2002	Tinfos Jernværk - Øye Smelteværk Norway Tinfos Jernværk	Metal Industry	Upgrading	Supply and installation of spray cooler	Not AI type Aalborg/Babcock Process gas	57	77	450

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2002	Ahlstom Helsingborg Sweden Helsingborg	Power Stations	Retrofit	Repair of Schelde boiler	Not AI type Schelde Gas	60	90	490
2002	Dalum Papir Denmark Dalum	Pulp and Paper	Retrofit	Supply and replacement of superheater tubes, economizer and attemperator	Not AI Helsingør Gas/oil	60	55	480
2002	Eskildstuna Energi & Miljø Sweden Eskildstuna	Power Station	Retrofit	Supply and replacement of panel walls in furnace	Not AI CFB -	0	0	Hot water
2002	Vestforbrænding Denmark Copenhagen	Waste Burning Plant	Upgrading	Supply of panel walls clad with Inconel 625	Not AI Vølund Solid waste	0	0	0
2002	Good Year Turkey Adabazari	Tire factory	Retrofit	Supply and replacement of evaporator and economizer sections	PIONEER GT-4 Aalborg GT fluegas	10	25	210
2002	Reno Nord Denmark Aalborg	Waste Burning Plant	Retrofit	Supply and replacement of superheater, furnace, panel walls and attemperator	AT-23W Aalborg Solid waste	35	66	425
2002	Energi E2 Denmark Næstved KVV	Power Stations	Upgrading	Supply and installation of burner unit as replacement for a GT10 gas turbine	AV-14 Aalborg Gas	70	70	428

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2002	Aalborg Portland Denmark Aalborg	Power Stations	Retrofit	Supply of 6 pcs tube banks for waste heat recovery boilers	AV-7 Aalborg Process gas	0	0	Hot water
2002	Aarhus Olie Denmark Aarhus	Food processing	Retrofit	Supply and replacement of front panel wall tubes. Chemical cleaning of boilers	Not AI - HFO	50	40	200
2001	Burmeister & Wain Scandinavian Contract Barbados BWSC - Barbados	Power Stations	Retrofit	Replacement of exhaust gas boiler for Diesel Engine Unit D13	AV-6 Aalborg Exhaust	6.1	11	Sat.
2001	Grenå Kraftvarmeværk Denmark Grenå Kraftvarmeværk	Power Stations	Retrofit	Production C-HEX for CFB boiler	CFB Ahlstom/AI Solid waste	35	66	425
2001	Sahinler Enerji Turkey Sahinler Enerji	Textile Industry	Upgrading	2 x Heat exchangers	KBK Aalborg -			
2001	Norske Skog Norway Hønefoss	Pulp and Paper	Retrofit	Overhaul combustion grate	AZC Aalborg Wood	43	80	500
2001	Fiskernes Fiskefabrik Denmark Fiskernes Fiskefabrik - Skagen	Food Processing	Upgrading	Installation 4 x economizers	AR-4 Aalborg Gas	20	12	Sat.

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2001	Statoil Norway Kårstø	Gas Plant	Upgrading	Upgrading stand-by heat equipment	AX-4 WHR Aalborg Gas	100	60	370
2001	Ahlstom Helsingborg Sweden Helsingborg	Power Stations	Service	Commissioning of Royal Schelde boiler	Not AI type Schelde -	60	90	490
2001	CP Kelco Denmark Lille Skensved	Pulp and Paper	Retrofit	Supply an replacement of lower ECO section	Not AI type Vølund Gas/coal	50	65	480
2001	Grenå Kraftvarmeværk Denmark Grenå Kraftvarmeværk	Power Stations	Retrofit	Replacement of LUFO sections	CFB Aalborg Solid waste	105	92	505
2001	Carlsberg Bryggerierne Denmark Carlsberg - Copenhagen	Breweries	Upgrading	Gas conversion og boiler 2 and 3	AR-4 Aalborg Gas	16	5	Sat.
2001	Amagerværket Denmark Amagerværket block 2	Power Stations	Retrofit	Side panel replacement	SO Aalborg Coal	420	175	540
2001	Ouagadogo Burkina Faso Ouaga	Power Stations	Upgrading	Exhaust gas boilers	AV-6 Aalborg Exhaust			Hot water

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2001	Amagerværket Denmark Amagerværket block 2	Power Stations	Retrofit	Condenser tube replacement block 2	SO Aalborg Coal	420	175	540
2000	Assens Sukkerfabrik Denmark Assens Sukkerfabrik	Sugar Factory	Retrofit	Supply and replacement of economizer for coal fired boiler.	Not AI type Vølund Coal	40	65	430
2000	Grenå Kraftvarmeværk Denmark Grenå	Power Stations	Upgrading	Supply and installation of extra economizer in CFB boiler.	CFB Ahlstrom/ Aalbor Coal/Straw	105	92	505
2000	Scanraff Refinery Sweden Scanraff, Lysekil	Refinery	Upgrading	Modifications to existing economiser.	AV-11 AI Process Gas	22	42	390
2000	NV Kraft A/S Denmark	Power Stations	Upgrading	Rebuilding of combustion air intake from inside to outside of building.	BE Coal	972	290	580
2000	Scottish and Southern Energy United Kingdom Townsend Hook	Power Stations	Retrofit	Repair of welds in economizer in HRSG	Not AI type Schelde DE Flue Gas + SF	142	43	480
2000	Energi Randers Denmark Randers Kraftvarmeværk	Power Stations	Retrofit	Acid cleaning of two coal fired boilers	SO Aalborg Coal	113	110	525

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2000	Boliden Sweden Rönnskärsverken	Metal Industry	Retrofit	CE boiler. Supply and replacement of roof and sidewalls for first pass.	Not AI type Babcock Process Flue Gas	50	40	420
2000	Borlänge Energi Sweden Borlänger Energi	Waste Burning Plant	Upgrading	Modification and retrofit of waste burning boiler unit.	Not AI type Solid Waste			Hot water
2000	Electricity Supply Board Ireland North Wall Power Station	Power Stations	Retrofit	Supply and replacement HP evaporator section for HRSG unit.	Not AI type Cockrill GT Flue Gas	200	36	320
1999	Arab Paper Manufacturing Co Saudi Arabia Damman	Pulp and Paper	Upgrading	Supply of equipment for conversion of existing burners from DO to HFO firing.	AR-4N Aalborg HFO/DO	20	10	Sat.
1999	Burmeister & Wain Scandinavian Contract Bahamas Bahamas	Power Stations	Retrofit	Supply and replacement of heating surfaces for waste heat recovery boiler.	AV-6N Aalborg DE Flue Gas	8.5	10	Sat.
1999	Norske Skogindustrier Norway Follum	Wood Processing	Upgrading	Supply of two tube airheaters for heating of combustion air for wood fired boiler.	AZC Aalborg Waste Wood	43	80	500
1999	Øye Smelteværk Norway Tinfoss Jernværk	Metal Industry	Control System	Replacement of complete control system for waste gas fired boiler.	AI Aalborg CO gas + HFO	55	65	450

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1999	Carlsberg Brewery Denmark Carlsberg Copenhagen	Breweries	Upgrading	Replacement of burner equipment for three boilers and installation of new SRO equipment for automatic operation of units.	AR-4 Aalborg Diesel Oil	16	5	Sat.
1999	Compenhia de Electricidad de Macau Macau Coloane Power Station	Power Stations	Retrofit	Supply and replacement of economizer, evaporator and superheater in HRSG unit	AV-6N Aalborg DE Flue Gas	19.6	10	Sat.
1999	Burmeister & Wain Scandinavian Contract Denmark Guam Electricity Supply	Power Stations	Retrofit	Repair of superheater	AV-6N Aalborg DE Flue Gas	10	10	224
1999	Grenå Kraftvarmeværk Denmark Grenå	Power Stations	Retrofit	Supply and erection of C-HEX	CFB Ahlstrom/Aalborg Straw/coal	105	92	505
1999	Kemira Danmark A/S Denmark Kemira	Fertilizer	Upgrading	Supply and installation of economizer for district heating in HRSG unit.	AX-4 WHR Aalborg GT+SF	35	45	424
1999	Tate & Lyle Sugars United Kingdom Tate & Lyle Sugars	Sugar Factory	Retrofit	Supply and replacement of superheater 1 and 2	AX-4 Aalborg HFO	70	45	377
1999	Nykøbing Sugar Factory Denmark Nykøbing	Sugar Factory	Upgrading	Conversion from HFO firing to bio gas/HFO firing	AR-4N Aalborg Boi Gas + HFO	18	16	Sat.

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1998	Scanraff Refinery Sweden Scanraff Refinery	Refinery	Retrofit	Repair of economizer	AV-6N Aalborg Process Flue Gas	22	42	390
1998	Bjølvefossen Norway Ålvik	Primary Metal Industries	Retrofit	Supply and replacement of evaporating section and general repair to remaining heating surfaces.	Not AI type Fläkt Process Flue Gas	60	37	420
1998	Kolding Kraftvarmeværk Denmark Kolding Kraftvarmeværk	Waste Burning Plant	Retrofit	Supply and replacement of walls in 2nd pass	AT-23W Aalborg Solid Waste	31	60	420
1998	Avenmore Foods Ireland Avenmore Foods	Food Processing	Retrofit	Supply and replacement of furnace walls in coal fired boiler	AZC Aalborg Coal	32	15	Sat.
1998	Statoil Refinery Denmark Statoil Refinery	Refinery	Retrofit	Welding up of cracks in reactor shell. Material 105 mm 1 Cr 0,5 Mo.	Not AI type - Process			
1998	Dead Sea Works Israel Potash House	Chemicals	Retrofit	Supply and replacement of superheaters for two boilers	AX-4 WHR Aalborg DE Flue Gas + HF	127	66	510
1997	Helsingør Kraftvarmeværk Denmark Helsingør Kraftvarmeværk	Power Stations	Upgrading	Supply and installation of 5 MW N-gas burner for supplementary firing in existing HRSG unit.	AV-14 Aalborg GT flue gas + N-g	69	63	512

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1996	Amagerforbrændingen Denmark Amagerforbrændingen	Waste Burning Plant	Retrofit	Unit 3. Erection of two superheaters.	Not AI type Vølund Solid Waste	40	60	420
1994	Randers Kraftvarmeværk Denmark Randers Kraftvarmeværk	Power Stations	Retrofit	Replacement of 8000 tubes in condenser.	SO Aalborg Coal	113	110	525
1994	Copenhagen Pectin Denmark Copenhagen Pectin	Food Processing	Upgrading	Modification of boiler evaporating system and replacement of rear wall due to cavitation at water side.	Not AI type Vølund Coal	50	65	430
1994	Instituto Nicaraguense De Energia Nicaragua Planta Managua Unit 3	Power Stations	Upgrading	Complete rehabilitation of Italian built 45 MW power station unit.	Not AI type Ansaldo HFO	198	110	515
1994	Nakskov Sukkerfabrik Denmark Nakskov Sukkerfabrik	Sugar Factory	Upgrading	Dismantling, transportation and re-erection of the complete boiler unit.	Not AI type SMV N-gas + HFO	70	67	480
1993	Corporacion Dominicana de Electricidad Republica Dominicana Haina Power Station unit 2	Power Stations	Upgrading	Complete rehabilitation incl. replacement of firing equipment for American built boiler	Not AI type CE HFO	223	90	516
1992	Instituto Nicaraguense de Energia Nicaragua Planta Nicaragua unit 1 & 2	Power Stations	Upgrading	Complete rehabilitation incl. replacement of firing equipment for two Italian built boilers	Not AI type Ansaldo HFO	215	105	516

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1991	Egyptian Electricity Authority Egypt Suez Thermal Power Station	Power Stations	Upgrading	Complete rehabilitation of four Russian built power station boilers and four 22 MW steam turbines.	Not AI type Russian Petrocoal + HFO	204	90	50
1983	Treschow Fritsøe Norway Treschow Fritsøe, Larvik	Wood processing	Retrofit	Rehabilitation of the total boiler heating surfaces and installation of new stoker and grate for wood and waste firing	Not AI type - Drum, wood/wast	20	45	475