

INSIGHT SCANNER INSTALLATION REFERENCE SHEET ASIA PACIFIC



| Company Name and Location | Destination country | Qty Installed | Year of Installati on | Equipment | Boiler/Burner Equipment | Fuels |
|---|---------------------|---------------|-----------------------|--------------------|---|--|
| Alcoa Pinjarra Power station | Australia | 21 | | 95UVS1E-1CG | Power Boiler | Gas |
| CALTEX, BRISBANE | Australia | 1 | | 95DSS1-1 | B&W | Butane, Refinery Gas and #6 oil |
| CALTEX, BRISBANE | Australia | 1 | | 95DSS1-1 | Foster Wheeler | Butane, Refinery Gas and #6 oil |
| CALTEX, BRISBANE | Australia | 8 | | 95DSS1-2 | ICAL/CE | CO |
| COMALCO | Australia | 12 | | Uniflame 401113-01 | BHK Power Boiler | Coal and gas |
| Qenos -Olefin Plant | Australia | 8 | | 95DSS2E-1CEX | Boiler | Natural Gas + Oil |
| Qenos -Olefin Plant | Australia | 3 | | 95UVS2E-1CEX | Boiler | Natural Gas |
| CALTEX, BRISBANE | Australia | 8 | | 95DSS1-1 | | Process gas |
| Caltex, (QLD) | Australia | 1 | | 95DSS1-1 | | |
| Qenos Pty Ltd | Australia | 1 | 2005 | 95DSS2E-1CEX | | Industry Chemical Processing |
| Qenos Pty Ltd | Australia | 1 | 2005 | 95UVS2E-1CEX | | Industry Chemical Processing |
| QNI, Townsville, QLD | Australia | 16 | 2005 | 95DSS2E-1CEX | Boiler | Gas + HFO |
| Yallourn Power Plant | Australia | 8 | 2005 | 95DSS2E-1CG | Boiler | Oil |
| John Zink for Alcoa Pinjara | Australia | 20 | 2006 | 95UVS1E-1CG | Co-generation unit | Natural Gas |
| | | | | | Dual oil igniters for each burner in a tangential coal fired boiler used for power generation | Pressure atomised Oil for igniters |
| Tru Energy-Yallourn Power Stations | Australia | 9 | 2006 | 95DSS2E-1CG | Corner Fired | Natural Gas |
| Queensland Nickel- QNI, QLD | Australia | 1 | 2006 | 95DSS2E-1CEX | Corner Fired | Natural gas |
| Queensland Nickel- QNI, QLD | Australia | 4 | 2006 | 95DSS2E-1CEX | Burner for Nickel | Natural Gas |
| Queensland Nickel Pty Ltd | Australia | 1 | 2006 | 95DSS2E-1CEX | | |
| Australian Paper, Maryvale Rd Morwell VIC | Australia | 3 | 2006 | 95IRS2-1 | Natural Gas & Black liquor | Natural & black liquor/Spare parts |
| Australian Paper, Maryvale Rd Morwell VIC | Australia | 1 | 2006 | 95UVS2-1 | Natural Gas & Black liquor | Natural & black liquor/Spare parts |
| Australian Paper, Maryvale Rd Morwell VIC | Australia | 1 | 2007 | 95UVS2-1 | Natural Gas | Spare parts |
| Pilbara Iron, 146 Great Eastern Hwy, WA | Australia | 12 | 2006 | 95UVS2E-1CEX | Boiler | Ex Natural Gas/Repl Honeywell scanners |
| FCT Combustion P/L | Australia | 1 | 2006 | 95DSS2E-1CEX | Burner | Gas/New installation |
| Caltex Australia (Brisbane) | Australia | 1 | 2007 | 95DSS1-1 | Duct Burner | Gas/For Spare parts |
| Caltex Refineries (QLD) | Australia | 1 | 2007 | 95DSS1-1 | Steam Burner | Natural Gas/Spare parts |
| Caltex Refineries (QLD) | Australia | 1 | 2007 | 95DSS1-1 | Steam burner | Natural Gas/Spare parts |
| QNI, Yabulu QLD | Australia | 1 | 2007 | 95DSS2E-1 | Steam Boiler | Natural Gas/Spare parts |
| | | | | | | Natural Gas/New installation,plant Expansion |
| Caltex Lytton QLD | Australia | 2 | 2007 | 95DSS1-1 | Sulphur Recovery Unit | Expansion |
| Alcoa 4 Fenton ST Kewdale WA 6105 | Australia | 1 | 2007 | 95UVS1E-1CG | Duct burner | Natural Gas/Spare parts |
| Qenos Pty Ltd | Australia | 8 | 2008 | 95DSS2E-1CEX | Process Heaters | Natural gas/new installation |

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| Caltex Refineries QLD , | Australia | 1 | 2008 | 95DSS2-1 | Boiler | Fuel oil/Replacement |
| CS Energy, MT ISA, QLD | Australia | 1 | 2008 | 95UVS2E-1CEX | Boiler Burners | Fuel : oil |
| BHB Billiton, Yabulu, QLD | Australia | 1 | 2008 | 95DSS2E-1CEX | Boiler Burners | Fuel:oil |
| Alcoa Kwinana, WA | Australia | 1 | 2008 | 95UVS2E-1CG | Boiler Burners | Fuel:oil |
| FCT International , SA | Australia | 1 | 2008 | 95DSS2E-1 | Boiler Burners | Fuel:oil |
| Alcoa Kwinana,WA | Australia | 1 | 2008 | 95UVS2E-1CG | Boiler Burners | Fuel:oil |
| Caltex Refineries Brisbane QLD | Australia | 1 | 2008 | 95DSS2-1 | Boiler, Singer burner | Natural Gas/spare parts |
| The New Zaland Refining Company,Port Marsden Highway, Ruakaka ,NZ | New Zealand | 12 | 2008 | 95DSS2E-1cex | Babcock Duiker SRU/Front fired boiler | Fuel oil/fuel gas composition may change |
| Zia Fertilizers, BLNG | Bangladesh | 9 | 2009 | 95UVS2-1CG | Thermax Front Fired Boiler, Multi burner | Multi Fuel gases |
| | Brunei | 35 | 2007 | 95UVS2-1CEX | Duct Burner | Gas Fired |
| BLNG | Brunei | 4 | 2007 | 60-2721-4 (repl scanner for 95UVS2-1CEX) | Duct Burner | Gas fired |
| SINOPEC/CHINA | China | 6 | 2008 | 95DSS2E-1CEX | Tsukishima Incinerator, Front Fired Boiler | Gas & oil/new installation |
| SINOPEC/CHINA | China | 6 | 2008 | 95DSS2E-1CEX | Tsukishima Incinerator, Front Fired Boiler | Gas & oil/new installation |
| ADITYA CEMENT | India | 1 | 2003 | 95DSS2-1 | BHEL, Industrial Boiler | |
| IOCL BaRODA Refinery / Thermax B&W Boiler | India | 6 | 2003 | 95UVS1-1CG | Thermax B&W Boiler | Naphtha / Natural gas |
| IOCL Gauhati Refinery | India | 6 | 2003 | 95DSS2-1CG | Boilers | HFO + Gas |
| IOCL Barauni Refinery / Thermax B&W Boiler | India | 18 | | 95DSS2-1CG | Boilers | HFO + Gas/Low Nox Multi Burners : 6 Burners |
| IOCL Barauni Refinery / Thermax B&W Boiler | India | 18 | | 95DSS2-1CG | Boilers | HFO + Gas/Low Nox Multi Burners : 6 Burners |
| Thermax B&W : Technip OMAN Project | India | 12 | 2004 | 95UVS1-CEX | Boilers | GAS/Low Nox Multi Burners : 6 Burners |
| Thermax B&W : Kalyani Steel | India | 4 | 2004 | 95UVS2-1CG | BFG Gas based Boiler | BFG Gas/ COG |
| IOCL - Mathura Refinery via BHEL | India | 16 | Yet to install | 95IRS1-1 | Duct Burner/ HRSG | Naphtha / Natural gas |
| Reliance Kurkumbh job/Thermax | India | 4 | 2005 | 95UVS2-1CG | Thermax B&W Boiler | Gas Flame |
| Reliance Kurkumbh job/Thermax | India | 4 | 2005 | 95IRS2-1CG | Thermax B&W Boiler | Oil Flame |
| Toyo Thai/Thermax | India | 4 | 2004 | 95DSS2-1CG | Boiler | HFO + Gas |
| Indorama Project/Thermax | India | 9 | 2004 | 95UVS1-1CG | Thermax B&W Boiler | Natural Gas +Bio Gas |
| Bharat Heavy Electricals Ltd | India | 12 | | 95IRS1-1 | BHEL, Industrial Boiler | Natural Gas |

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| Graphite India | India | 1 | 2005 | 95UVS1-1CG | HCL Boiler | HBR/HCL |
| Indian Oil Corporation Limited-Guwahati Refinery | India | 6 | 2006 | 95DSS2-1CG | Steam Boiler | Refinery gas/Fuel Oil/New installation |
| Thermax/Maritime Industrial Services Co. (Qatar Petroleum, Qatar) | India | 4 | 2006 | 95UVS1-1CEX | Front Fired Boiler | LPG and Diesel/New installation LPG AS Pilot Gas and HSD Oil And Biogas/New requirement |
| Thermax/Balrampur Chini Mills,India | India | 2 | 2006 | 95DSS1-1CG | Front Fired Boiler | |
| Thermax/Abu Dhabi Gas Ind.Ltd, Gasco Project | India | 12 | 2006 | 95UVS1-1CEX | Front Fired | Natural Gas/New installation |
| Jindal Vijaynagar Ltd Bellary,Karnatake/Thermax Ltd | India | 4 | 2006 | 95IRS1-1CG | Front Fired Boiler | Corex Gas/New installation |
| Chevron Energy Technology Co/KBR Bouston USA/Escravos Gas To Liquid Project/Thermax | India | 18 | 2006 | 95DSS2-1CG | Multi Burner | Natural Gas & Tail Gas/New installation |
| GHCL -Upsom,Romania(Thermax) | India | 6 | 2006 | 95UVS2E-1CG-030 | Multi Burner | Pilot Gas & Natural Gas/New installation |
| GHCL -Upsom,Romania(Thermax) | India | 3 | 2006 | 95UVS2E-1CG-030 | Multi Burner | Pilot Gas & Natural Gas/New installation |
| Chambal Fertilizer Ltd/ Steam Superheater (Todd Make burner)/ (Thermax) | Aux Boiler India | 4 | 2006 | 95DSS2E-1CEX | Front fired boiler/ Floor mounted upshot firing(for heaters) Spare for Sohar Refinery(JGC) Multi burner | Combination fuel (incl Naphtha), natural gas/2 nos for repl with existing scanner (for boiler) 2 nos repl w competitor scanner for heaters |
| JGC | India | 1 | 2007 | 95UVS2-1CEX | | Spare |
| Alok Industries Ltd | India | 2 | 2007 | 95DSS2-1CG-030 | Revamp of boilers/Multi burner | Fuel gas, Heavy oil Corex Gas + LPG + BFG (Blast furnace gas) |
| Jindal Vijaynagar Steet Plant (India) Jindal Vijaynagar Ltd Bellary,Karnatake/Thermax Ltd | India India India | 17 2 | 2007 2007 | 95UVS2-1CG-030 95IRS1-1CG | Thermax Multi Burner Boiler Front Fired Boiler | Corex Gas/New installation |
| IOCL Panipat | India | 3 | 2007 | 95DSS2-1CG | - | - |
| TATA Steel at TISCO | India | 24 | 2007 | 95UVS2-2CG-030 | 2 X 230 TPH Boilers firing BFG Gas & COG Gas & LDO for main flame & LPG | This is a corner fired CE Design boiler with fixed burner |

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| Indian Oil Corporation Limited Kirkoskar Ferrous Ind.Ltd Hindustan Organic Chemicals Ltd | India | 2 | 2007 | 95DSS2-1CG-020 | Airoil Flare Gas India-Multi-Burner, 120 TPH Front Fired Boiler Thermax front fired boiler | Pilot, Refinery gas (propane+Butaine) Main Furnace oil (Steam Automized) Replacement of existing scanners Natural Gas/New installation Fuel gas/Heavy oil/Light Oil |
| | | 2 | | 95DSS2-1CG-030 | | |
| | | 2 | | 95DSS2-1CG-040 | | |
| | | 2 | | 95DSS2-1CG-050 | | |
| | | 4 | | 95UVS2-1CG | | |
| 2 | 2008 | 95DSS2-1CG | | | | |
| Reliance Industries Limited | India | 3 | 2008 | 95DSS2-1 | Hydrogen Reformer unit, Linde Multi burner | Fuel gas/Hydrogen gas/replacment of existing scanners |
| Reliance Industries Limited | India | 3 | 2008 | 95DSS2-1 | Linde Hydrogen Reformer unit | Multi burner/natural gas/fuel gas/hydrogen gas/repeat order |
| Jindal Vijaynagar Ltd , Bellary, Karnataka India | India | 2 | 2008 | 95IRS1-1CG | Thermax Front fired boiler | Corex Gas/New installation |
| Sabic, Petrokemya | India | 12 | 2008 | 6 no.95UVS2-1CG-020 no.95IRS2-1CG-020 | Thermax front fired boiler | Fuel gas/fuel oil/new installation |
| Shetkari Baliraja Sugar Ltd | India | 4 | 2008 | 95UVS2-1CG | Thermax front fired boiler | Fuel gas & light oil/won this order against Durag |
| TATA Chemicals Limited | India | 9 | 2008 | 95DSS2-1 | BHEL HRSG | Multi Burner/fuel gas/heavy oil/light oil |
| Dankuni Steel Ltd | India | 2 | 2008 | 95UVS2-1CG | Thermax Boiler | Front fired boiler,fuel gas,light oil, BFG |
| Ansaldo Caldaie S.P.A | India | 16 | 2008 | 95DSS2-1CG | Ansaldo Boiler,Opposed fired | Refinery gas, heavy oil, light oil |
| JSW Steel Limited | India | 5 | 2008 | 95UVS2-1CG-050 | Thermax Boiler | Front fired boiler, corex, BFG |
| IFFCO, Phulpur | India | 1 | 2008 | 95UVS2-1CEX | Thermax corner fired | Natural gas |
| IFFCO,Kallol | India | 1 | 2008 | 95IRS2-1CG | Thermax front fired boiler/multi burner | Fuel gas/heavy oil/light oil |
| Vizag Steel Plant | India | 70 | 2008 | 95UVS2-2CG-070 | BHEL Boilerulti burner, corner fired | Heavy Oil,BFG |
| Lurgi Job | India | 6 | 2008 | 95UVS2-1CEX | Thermax Front fired boiler | Multi burner, Natural Gas/Process Gas/Hydrogen gas |
| IOCL - Panipat | India | 2 | 2008 | 95IRS2-1 | BHEL Duct burner/multi burner | Refinery fuel oil |
| TATA Steel | India | 4 | 2008 | 95DSS2-1CG | Thermax Boiler, Front fried boiler | Corex Gas/BFG |

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| Cairn Energy (I) Pty Ltd#5 | India | 30 | 2008 | 95DSS2-1CG | Thermax front fired boiler/multi burner | GT Exhaust Gas/Fuel Gas/Heavy Oil, Light Oil/New Installation |
| TATA Metaliks Limited | India | 2 | 2008 | 95UVS2-1CEX | Thermax front fired boiler/multi burner Calidus Sulphur Recovery Unit, Single Burner | BFG/Corex gas |
| IOCL,Panipat | India | 5 | 2008 | 95DSS2-1CG-050 | | LPG, Refinery gas/H2S |
| Tsukishima (Japan) | India | 4 | 2008 | 95DSS2-1CEX | Front fired boiler | Oil & Gas/New installation |
| Hissar Steels,Haryana India | India | 4 | 2008 | 95UVS2-1CG | Thermax Front fired boiler | Multi burner,corex gas, BFG |
| Essar Vadinar (Gujarat) | India | 6 | 2009 | 95DSS2-1CG | Thermax duct burner,GT Exhaust gas | Fuel gas, ,Heavy oil, light oil/New installation |
| Essar Vadinar (Gujarat) | India | 6 | 2009 | 95DSS2-1CG | Thermax duct burner,GT Exhaust gas | Fuel gas, ,Heavy oil, light oil/New installation |
| Tata Power & Tata Steel (Industrial Energy) Ltd | India | 5 | 2009 | 95UVS2-2CG-030 | Alstom corner fired boiler,multi burner | COG,BFG |
| ABENER, Algeria | India | 18 | 2009 | 95UVS2E-1CG-020 | R & V,Front Fired boiler | Gas |
| Sona Alloys Pvt Ltd | India | 2 | 2009 | 95DSS2-1CG-030 | Thermax Front fired | BFG, Heavy oil/New installation |
| Reliance Petroleum Ltd | India | 6 | 2009 | 95DSS2-1 | Bottom Fired Boiler, Refinery gas | Hydorgen gas |
| Reliance Industries Ltd | India | 1 | 2009 | 95DSS2-1CEX | SRU,B& V & PITCHER Front fired boiler | LPG/H2S |
| Essar Vadinar (Gujarat) | India | 2 | 2009 | 95DSS2-1CG-020 | Thermax Duct burner, GT Exhaust gas | Fuel gas,heavy oil, light oil/Spares |
| Deepak Fertilizers & Petrochemicals Corp | India | 2 | 2009 | 95DSS2-1CG-030 | Thermax front fired burner | Fuel gas, heavy oil/new installation |
| Deepak Fertilizers Limited | India | 2 | 2009 | 95DSS2-1CG | Thermax front fired boiler | Natural gas/Heavy Oil |
| Steel D.Authority of India Ltd | India | 24 | 2009 | 95DSS2-1CG-020 | Thermax front fired burner | Mix gas/BGF gas/Heavy oil/Light oil/new installation |
| Reliance Industries Ltd | India | 3 | 2009 | 95DSS2-1 | Linde make Hydrogen reformer unit | Bottom Fired Boiler, Refinery gas, Hydrogen gas |
| Reliance Petroleum Ltd | India | 9 | 2009 | 95DSS2-1 | Ydrogen Reformer unit Linde make | Bottom Fired Boiler, Refinery gas, Hydrogen gas |
| Reliance Petroleum Ltd | India | 2 | 2009 | 95DSS2-1CG-050 | Heurtey Petrochem Process heaters | Bottom Fired Boiler, Multi Fuel |

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|---------------------------------------|---------------------|---------------|----------------------|----------------|--|---|
| Indian Oil Corporation Ltd | India | 5 | 2009 | 95DSS2-1CG | ISJEC Multi Burner | Multi fuel |
| Essar Refinery,Vadinar Gujarat | India | 26 | | 95UVS2E-1CEX | | |
| | | 28 | 2010 | 95DSS2E-1CEX | John Zink ,VGO Heaters, Main flame | Gas, Gas & Oil |
| Durgapur Projects Limited,West Bengal | India | 12 | 2010 | 95IRS2-1CG | Alstom Coal & oil,pilot & main flame | Oil & Coal |
| Reliance Industries Limited | India | 2 | 2010 | 95DSS2-1 | Hydrogen Reformer Unit Linde Make Bottom Fired boiler | Refinery gas & Hydrogen gas |
| Tata Steel Ltd | India | 2 | 2010 | 95DSS2-1CG | Thermax Auxilliary boiler,pilot & main flame | LPG, COG, LDO,BFG |
| KRIBHCO, Surat, Gujarat | India | 3 | 2010 | 95UVS2-1CG | Wesman Boiler | Main flame, mixed gases |
| Reliance Industries Limited | India | 4 | 2010 | 95DSS2-1 | Linde make Hydrogen reformer unit | Bottom fired boiler/refinery gas and hydrogen gas |
| Reliance Industries Limited | India | 3 | 2010 | 95DSS2-1CEX | Ecometix,Ril Jerp Sru | Multi burner/NG and H2s |
| BOC India Limited,Kolkata | India | 2 | 2010 | 95DSS2-1 | John Zink Heater, main and Pilot flame | Corex gas, BFG |
| KIC Metaliks Ltd | India | 2 | 2010 | 95DSS2-1CG-030 | Thermax Front fired burner | Fuel gas,light oil/new installation |
| Reliance Industries Ltd | India | 3 | 2010 | 95DSS2-1CEX | Ecometix,Ril Jerp Sru | Multi burner. NG and H2S |
| KBR | India | 4 | 2010 | 95DSS2-1CG-020 | Thermax front fired boiler,GT Exhaust gas | Fuel gas, Heavy oil, light oil/new installation |
| Reliance Industries Ltd | India | 11 | 2010 | 95DSS2-1CEX | Ecometix,Ril Jerp Sru | Multi burner/NG and H2s/BFI replacement in SRU |
| Reliance Industries Ltd | India | 4 | 2010 | 95DSS2-1 | Linde make Hydrogen reformer unit | Top fired,multi burner,hydrogen gas |
| Reliance Industries Ltd | India | 1 | 2010 | 95DSS2-1CEX | Ecometix,Ril Jerp Sru | Front fired, NG and H2S |
| Thermax Ltd | India | 6 | 2010 | 95DSS2-1CG | Thermax Front Fired boiler | GT Exhaust Gas/Fuel Gas/Heavy Oil, Light Oil/New Installation |
| Tata Steel Ltd, Tata Nagar,Jamshedpur | India | 6 | 2010 | 95DSS2-1CG | Thermax Auxilliary boiler, pilot & main flame | LPG, COG,LDO,BFG |
| SLR Metaliks Ltd | India | 4 | 2011 | 95DSS2-1CG-030 | Thermax front fired burner | LPG, BFG |

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| Lurgi Job | India | 6 | 2011 | 95UVS2-1CEX | Thermax front fired boiler/multi burner | Natural gas, process gas, hydrogen gas |
| Essar Refinery, Vadinar Gujarat | India | 4 | 2011 | 95DSS2-1CEX | John Zink, VGO Heaters, Main flame | Gas, Gas & Oil |
| Oil & Natural Gas Corp. Ltd | India | 7 | 2011 | 95UVS2-1 | Forney Duct burner | Pilot & main flame, natural gas |
| MIS Qatar Petroleum Ltd | Qatar | 1 | 2007 | 95UVS1-1CEX | Thermax front fired boiler | Fuel gas, light oil/spare order |
| PUPUK KALTIM FERTILIZER, BONTANG | Indonesia | 4 | | 95UVS2-1CG | Boiler | Natural Gas/Replaced Honeywell |
| Pupuk Kaltim Fertilizer, Bontang | Indonesia | 12 | | 95UVS2-1 | Boiler | Natural Gas/Replaced Honeywell |
| Pupuk Kaltim Fertilizer, Bontang | Indonesia | 8 | | 95UVS2-1 | Boiler | Natural Gas/Spare |
| PLN Indonesia Power - Tanjung Priok Power Plant : 2 X 50MW : MHI Boiler | Indonesia | 12 | 2004 | 95IRS2-1CG | 2 X 50 MW - MHI Boiler - Front Fired | HFO / LFO/Supplied via Forney Burner |
| PT Badak NGL/COEN | Indonesia | 60 | 2006 | 95UVS2-1 | Steam Boiler | Natural Gas/Repl Honeywell scanner type C7076AFFSP2 & amplifier/replay module r4075c |
| PT Badak NGL/COEN | Indonesia | 2 | 2006 | 95UVS2-1 | Front fired boiler, single burner | Natural Gas/For stock |
| PERTAMINA | Indonesia | 9 | 2007 | 95DSS1-1 | STORK Boiler, Front fire boiler, Multi & single burner | Fuel gas/heavy oil & light oil/Replace Coen & NFK Flame scanner |
| Krakatau Daya Listrik | Indonesia | 4 | 2007 | 95DSS2-1 | Front fired boiler, 80MW | Dual fuel(natural gas/light oil)/upgrading 45uv5-1101&25su3-5166 |
| Pupuk Sriwidjaja, PT | Indonesia | 11 | 2007 | 95DSS2-1 | Multi Burner | Natural Gas, light oil |
| Pertamina Balikpapan | Indonesia | 17 | 2007 | 95DSS2-1 | Multi Burner | Natural Gas, replace existing NFK & Cogen |
| PLN Suralaya | Indonesia | 24 | 2008 | 95IRS2E-2 | Babcock & Wilcox Coal fired boiler | opposed fires, 600mw, Oil & Coal/upgrading of Bailey Flame-on scanner |
| PT Krakatau Daya Listrik | Indonesia | 6 | 2008 | 95DSS2-1 | Man Lantjes-Germany power boiler | Front Fired boiler/80MW/natural gas & heavy oil/upgrade of 45UV5-1101 |
| PT Badak NGL/COEN | Indonesia | 70 | 2008 | 95UVS2-1 | Coen Boiler, Front fired multi burner, with 6 burner per boiler | Natural gas/replace existing Honeywell |
| PLN Ombilin | Indonesia | 1 | 2008 | 95IRS2E-2 | Stein Boiler, coal fire boiler, 100MW | Coal/Trial installation |

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| PT Dow Chemical,Cilegon | Indonesia | 5 | 2008 | 95UVS2-1CG | Petrochemical/Natural gas | To replace Honeywell flame scanners Main coal/oil, replacement 45RM4-1000 |
| PLN Ombilion Power Plant-Palembang | Indonesia | 6 | 2009 | 95IRS2-1 | Alstom Boiler, Coal Burner | |
| PT Pupuk Kaltim Fertilizer Plant | Indonesia | 2 | 2009 | 95UVS2-1 | B&W Front fired boiler,20 tons | Natural gas/spare parts 60MW Tangential fire boiler, MFO and coal/upgrading 45RM4+25SU3-5166 |
| PLN Bukit Asam | Indonesia | 6 | 2009 | 95IRS2-1 | Alstom Power Plant Boiler | |
| TPPI | Indonesia | 4 | 2010 | 95DSS2E-1CEX | NFK Japan front fired boiler | Fuel gas & light oil |
| Pertamina Balikpapan | Indonesia | 4 | 2010 | 95DSS2-1 | B&W boiler, Single burner,200MV | Natural gas/spare parts |
| Badak LNG | Indonesia | 60 | 2010 | 95UVS2-1 | Foster Wheeler boiler | Multi burner,400MW, Natural gas, Replace honeywell scanners |
| FEI/Chiyoda, AL Khaleei Gas Proj/Qatar | Japan | 20 | 2005 | 95UVS2E-1CEX | Front Fired Boiler/Nippon Furnace/Modification for Teijing | Fuel gas/New instatllation |
| Teijing Thailand | Japan | 4 | 2006 | 95UVS1-1 | MHI-Front fired boiler. # of burners : six per burner | Fuel gas + heavy oil + refinery gas |
| Tonen Chemical- Exxon Mobile company | Japan | 13 | 2007 | 95DSS2-1 | Boiler:MHI(CE design, corner fired tilting tangential. Burner: MHI Japan (retrofit) | Fuel Gas & heavy oil |
| Tonen Chemical-Exxon Mobile company | Japan | 9 | 2006 | 95UVS2-2+fiber optic | no.of boilers : 2 for steam to process | |
| Tonen Chemical-Exxon Mobile company | Japan | 13 | 2006 | 95IRS2-2+fiber optic | | |
| Tonen Chemical-Exxon Mobile company | Japan | 12 | 2007 | 95UVS2-2+fiber optic | | |
| Tonen Chemical-Exxon Mobile company | Japan | 8 | 2007 | 95IRS2-2+fiber optic | | |
| Rabigh Refinery & Petrochemical CO. | Japan | 9 | 2007 | 95UVS1-1CEX | Tsukishima Kanyo Incinerator, Single burner | Fuel gas/New instatllation |
| Tsukishima Kankyo for Yansub Project | Japan | 2 | 2008 | 95DSS1-1 | | Spares parts |
| | | 4 | | 95UVS2-2 | Boiler: MHI(CE Design,corner fired tilting tangential.MHI Japan (retrofit) no. of boilers: 2 for steam to process | Fuel Gas & heavy oil/Spares |
| Tonen Chemical-Exxon Mobile company | Japan | 4 | 2008 | 95IRS2-2 -fiber optic | | |
| Sumitomo Chemical | Japan | 9 | 2009 | 95DSS2-1CEX | BHK Front Fired Boiler,Multi burner | Fuel gas and heavy oil/replace from Toshiba's flame scanner |
| Tonen General Oil | Japan | 1 | 2009 | 95UVS2-2 | Babcock-Hitachi Front Fired Boiler | Heavy oil/Spares parts |
| Saudi Polymers Company | Japan | 10 | 2009 | 95UVS2E-1CG-020 | Tsukishima Single Burner, 300 MW, Incinerator | Fuel gas/New instatllation |

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| Sumitomo Chemical Co.Ltd | Japan | 1 | 2009 | 95DSS2-1CEX | Bab-Hitachi Industrial's boiler, Front fired boiler and single burner | Natural gas/Spare parts |
| Sumitomo Chemical Co.Ltd | Japan | 9 | 2010 | 95DSS2-1CEX | Front Fired Boiler | Fuel gas and heavy oil/to replace Toshiba's flame scanner |
| CNCC Energy Technology & Service Ltd | Japan | 5 | 2010 | 95UVS2-1CEX | Tsukishima Kankyo Incinerator | Front fired incinerator, fuel gas/New installation |
| Shintech | Japan | 4 | 2010 | 95DSS2-1CG-040 95UVS2-1CG-040 | Incinerator, front fired boiler | Natural Gas |
| Sumitomo Chemical Chiba | Japan | 4 | 2010 | 95DSS2-1CEX | Mitsubishi Heavy Industries boiler | Corner fired(Not fire ball type),Heavy oil/Replacement of Japanese Flame scanners |
| Sumitomo Chemical | Japan | 2 | 2010 | 95DSS2-1CEX | Babcock Hitachi Front Fired boiler | Fuel gas/Spare parts |
| Ougishima Power Station | Japan | 9 | 2010 | 95DSS2-1CG | HRSG Manufactured by BKH, Front fired boiler | Natural Gas/New installation(repl 65UV5) |
| SK CORPORATION, ULSAN | Korea | 4 | | 95DSS2-1 | Sulphur Recovery | Refinery H2S, acid gas |
| HONAM PETROCHEMICAL, YEOUSU | Korea | 3 | | 95IRS1-1CG | Hyundai/B&W Power Boiler | #6Oil/Repl for old detector electronics scanner |
| HONAM PETROCHEMICAL, YEOUSU | Korea | 3 | | 95UVS1-2CG | Hyundai/B&W Power Boiler | Gas/Repl for old Detector electronics scanner |
| LG CALTEX, YEOUSU | Korea | 9 | | 95UVS2-1CEX | Fired heaters and refinery systems | Refinery gas |
| SITHE ENERGY, DAESAN | Korea | 1 | | 95IRS1-1 | Hyundai/B&W Power Boiler | #6Oil/Repl for old detector electronics scanner test unit |
| SK CHEMICAL, YEOUSU | Korea | 2 | | 95UVS1-1CG | Heater | Gas |
| SEENTEC, CHANGWAN | Korea | 4 | | Uniflame 95UVS1-1CG | Power Boiler | Gas |
| KUMHO PETROCHEMICAL CHP-2 | Korea | 6 | | 95UVS1-1 | Hyundai/B&W Power Boiler | Gas Igniters and Heavy oil Main burners |
| PAN Asia Paper Company | Korea | 6 | | 95IRS1-CG | Low Nox Burners | Bunker-C Oil |
| LG Chem | Korea | 1 | | 95DSS1E-1CEX | Incinerator | G4 Gas |
| Hyundai Oil Refinery | Korea | 1 | | 95IRS1-1CG | Boiler | Heavy Fuel Oil |
| Hyundai Oil Refinery | Korea | 1 | | 95UVS1-1CG | Boiler | Refinery gas |
| Hyundai Oil Refinery | Korea | 8 | | 95DSS1-1CG | SRU | Refinery gas |
| Hyundai Oil Bank Refinery | Korea | 2 | | 95DSS1-1CG | SRU | Refinery gas |
| Saehan Industry | Korea | 1 | | 95UVS1-1CG | Boiler (Pilot Burner) | LPG Gas |
| Saehan Industry | Korea | 2 | | 95DSS1-1CG | Boiler (Pilot Burner) | Heavy Fuel Oil |
| LG Chemical | Korea | 2 | | 95DSS1-1CG | Incinerator, Burner | Refinery waste gas |
| JNK Heater | Korea | 2 | | 95DSS1-1CG | Boiler | Heavy Fuel Oil |

**INSIGHT SCANNER INSTALLATION REFERENCE SHEET
ASIA PACIFIC**



| Company Name and Location | Destination country | Qty Installed | Year of Installati on | Equipment | Boiler/Burner Equipment | Fuels |
|----------------------------------|----------------------------|----------------------|------------------------------|------------------|------------------------------------|---|
| Sookook Burner Co. | Korea | 2 | | 95IRS1-1 | Boiler | Heavy Fuel Oil |
| Hyundai Oil Bank Refinery | Korea | 1 | | 95UVS1-1CG | Pilot Burner for Power Boiler | |
| Samsung Petrochemical | Korea | 10 | | 95DSS1-1CG | Burner for Therm oil heater boiler | Now LNG gas but will add Naphitha & ethanol |
| SK Corporation | Korea | 2 | 2005 | 95DSS1-1CG | Boiler | Heavy Oil |
| Sookook Burner Co. | Korea | 2 | 2005 | 95DSS1-1CG | Power Boiler | Heavy Oil |
| Sookook Corp | Korea | 3 | 2005 | 95DSS1-1CG | Steam Boiler | Heavy Oil |
| Sookook | Korea | 6 | 2005 | 95DSS1-1CG | Power Boiler | Gas & Oil |
| LG Chemical | Korea | 2 | 2005 | 95UVS1E-1CEX | Incinerator | Refinery waste gas H2,G4 gas |
| Sookook | Korea | 12 | 2006 | 95DSS1-1CEX | Boiler | Gas & Oil |
| Sookook | Korea | 2 | 2006 | 95IRS1-1 | Power Boiler (Main Burner) | Coal/New installation |
| Sookook | Korea | 2 | 2006 | 95UVS1-1 | Power Boiler (Igniter burner) | LNG Gas/New installation |
| Heungkook/LG SM | Korea | 4 | 2006 | 95DSS1-1CG | Boiler | PFO/new installation |
| Heungkook/Korea Honam Petrochem | Korea | 1 | 2006 | 95UVS1-1 | Boiler | Light Oil/REPLACEMENT |
| Sookook/GS Caltex | Korea | 1 | 2006 | 95UVS2E-1CEX | Heater | HZ Gas/New installation |
| Sookook/Soo Chem | Korea | 1 | 2006 | 95DSS1E-1CEX | Boiler | HZ Gas/repl fm NFK Scanner |
| Petrochem Korea/GS Caltex | Korea | 4 | 2006 | 95DSS1E-1CEX | Heater | LNG+LPG Gas/New installation |
| Petrochem Korea/GS Caltex | Korea | 7 | 2006 | 95DSS1-1CG | Heater | LNG Gas/New installation |
| Petrochem Korea/GS Caltex | Korea | 3 | 2006 | 95UVS1-1CG | Heater | Butan Gas/New installation |
| Kunjang Power Plant / HHI Boiler | Korea | 10 | 2007 | 95IRS1-1 | Front Fired Boiler | Light Oil/new installation |
| Kunjang Power Plant / HHI Boiler | Korea | 10 | 2007 | 95UVS1-1 | Front Fired Boiler | Light Oil/New installation |
| Heungkook/LG Chemical | Korea | 1 | 2007 | 95DSS1E-1CEX | Sookook/Incinerator, front fired | C4 Gas with fuel gas |
| Heungkook/LG Chemical | Korea | 1 | 2007 | 95DSS1-1CG | Sookook/Incinerator, front fired | C4 Gas with fuel gas |
| Heungkook/LG Chemical | Korea | 2 | 2007 | 95DSS2-1CG | Heungkook Boiler, Front fired | Natural gas |
| Heungkook/LG Chemical | Korea | 1 | 2007 | 95UVS1-1CG | Heungkook Boiler, Front fired | Natural gas |
| Heungkook/LG Chemical | Korea | 1 | 2007 | 95DSS1E-1CEX | Heungkook Boiler, Front fired | Natural gas |
| GS Caltex/Petrochem | Korea | 24 | 2007 | 95DSS1E-1CEX | Petrochem Heater/Front Fired | Natural Gas |
| SOOKOOK/Posco | Korea | 2 | 2007 | 95DSS1-1CG | Sookook/Boiler, Front fired | Natural gas +COG Gas |
| SOOKOOK/Posco | Korea | 2 | 2007 | 95UVS1-1CG | Sookook/Boiler, Front fired | Natural gas +COG Gas |
| Sookook/SK Corp | Korea | 2 | 2007 | 95UVS1E-1CEX | Sookook Boiler Front fired | Natural Gas |
| Sookook/GS Caltex | Korea | 8 | 2007 | 95DSS1E-1CEX | Sookook/Incinerator, front fired | Hydrogen Gas |
| Heungkook/HUVIS | Korea | 1 | 2007 | 95UVS2-1CG | Heungkook Boiler, Front fired | Light Oil/C4 gas with fuel gas |
| Heungkook/Hyundai Oil Bank | Korea | 3 | 2007 | 95IRS1-1CG | Front Fired | Natural gas |
| Sookook/Samsung Total | Korea | 5 | 2007 | 95DSS1-1CG | Sookook Boiler Front fired | Natural Gas |
| Heungkook/Korea BASF | Korea | 1 | 2007 | 95DSS1-1CG | Boiler, front fired | Natural gas |
| | | 8 | | 95DSS2E-1CEX | | |
| Heungkook/Korea BASF | Korea | 1 | 2008 | 95IRS2-1CG | Boiler, front fired | Natural gas |

**INSIGHT SCANNER INSTALLATION REFERENCE SHEET
ASIA PACIFIC**



| Company Name and Location | Destination country | Qty Installed | Year of Installati on | Equipment | Boiler/Burner Equipment | Fuels |
|--|---------------------|---------------|-----------------------|----------------|--|--|
| Sookook/GS Caltex | Korea | 19 | 2008 | 95DSS2E-1CEX | Sookook Burner, for boiler application | Front fired/Bunker C Oil and waste gas |
| Sookook/Daehan Petrochem | Korea | 7 | | 95DSS2-1CG | | |
| | | 3 | 2008 | 95UVS2E-1CG | Boiler, front fired | Natural Gas |
| Hengkook/Korea District Heat | Korea | 1 | 2008 | 95DSS2E-1CEX | Boiler,Front Fired | Natural gas |
| Sookook(Kangwon Boiler) | Korea | 11 | 2008 | 95DSS2E-1CEX | Kangwon Boiler, Front fired | Hydrogen Gas |
| Sookook (Kangwon Boiler) | Korea | 7 | 2008 | 95UVS2E-1CEX | Kangwon Boiler, Front fired | Fuel gas |
| Sookook (Kangwon Boiler) | Korea | 2 | 2008 | 95DSS2E-1CG | Kangwon Boiler, Front fired | Natural gas/Heavy Oil |
| Sookook (Kangwon Boiler) | Korea | 1 | 2008 | 95DSS2-1CG | Kangwon Boiler, Front fired | Fuel gas |
| Sookook(GS Caltex) | Korea | 13 | 2009 | 95DSS2E-1CEX | Front fired Boiler | Refinery oil gas |
| Sookook(GS Caltex) | Korea | 1 | 2009 | 95DSS2E-1CEX | Front fired boiler | Refinery oil gas |
| Sookook(Gun-Jang Energy) | Korea | 4 | 2009 | 95DSS2-1CG | Sookook boiler,Front Fired | Natural Gas |
| Sookook (S-Oil) | Korea | 3 | 2009 | 95UVS2E-1CEX | Sookook Incinerator, Front fired | Refinery oil |
| Sookook (S-Oil) | Korea | 2 | 2009 | 95DSS2-1CG | Sookook Boiler,Front fired | Natural gas & fuel gas |
| Sookook (Kunjang Energy) | Korea | 5 | | 95IRS2-1 | | |
| | | 5 | 2009 | 95UVS2-1 | Sookook Boiler,Front fired | Natural gas |
| | | 6 | | 95UVS2E-1CEX | | |
| Sookook (GS Caltex) | Korea | 1 | 2009 | 95DSS2E-1CEX | Sookook Front fired Boiler | Fuel gas |
| Heungkuk(Korea district heating Corp)LG Chem | Korea | 5 | 2009 | 95DSS2E-1CEX | Heungkuk Front fired boiler | Fuel gas |
| Sookook(GS Caltex) | Korea | 17 | 2009 | 95DSS2E-1CEX | Sookook Front fired Boiler | Fuel gas |
| LG Chemical (YOSU) | Korea | 2 | 2009 | 95DSS2-1CG | Heungkook Boiler, Front fired | Natural gas |
| Heungkuk/Samsung Petro Chem | Korea | 4 | 2009 | 95DSS2-1CG | Heungkuk Front fired boiler | Natural gas |
| Heungkuk/GS Caltex | Korea | 14 | 2009 | 95DSS2E-1CEX | GS Caltex Front fired boiler | Fuel gas |
| Heungkuk/LG Chem | Korea | 1 | 2010 | 95DSS2-1CG | Heungkuk Front fired boiler | Fuel gas |
| Heungkuk/LG Chem | Korea | 2 | 2010 | 95DSS2-1CG-020 | Heungkuk Front fired boiler | Fuel gas |

**INSIGHT SCANNER INSTALLATION REFERENCE SHEET
ASIA PACIFIC**



| Company Name and Location | Destination country | Qty Installed | Year of Installati on | Equipment | Boiler/Burner Equipment | Fuels |
|-------------------------------------|----------------------------|----------------------|------------------------------|--------------------------|------------------------------------|--|
| Heungkuk/Samsung Petro Chem | Korea | 4 | 2010 | 95DSS2-1CG | Heungkuk Front fired boiler | Fuel gas |
| Hyundai/JNK Heater | Korea | 4 | 2010 | 95DSS2E-1CEX | Hyundai oil bank heater | Front fired/fuel gas |
| Hyundai Oil Bank/JNK Heater | Korea | 15 | 2010 | 95DSS2E-1CEX | Hyundai oil bank heater | Front fired/fuel gas |
| Hyundai Oil Bank/JNK Heater | Korea | 10 | 2010 | 95DSS2E-1CEX | Front fired | Fuel gas |
| Sookook/SEETEC | Korea | 4 | 2010 | 95DSS2E-1CG | Front fired boiler | Fuel gas/Heavy oil |
| Heungkuk/GS Caltex | Korea | 2 | 2010 | 95DSS2E-1CEX | Front fired boiler/Natural gas | Fuel gas |
| | | 4 | | 95DSS2-1CG-020 | | |
| Heungkuk/SH Corporation | Korea | 4 | 2010 | 95DSS2-1CG-030 | Front fired boiler | Natural gas |
| Heungkuk/LG Chem | Korea | 8 | 2010 | 95DSS2E-1CEX | Front fired boiler | Fuel gas |
| Sookook/GS Caltex | Korea | 2 | 2010 | 95DSS2E-1CEX | SRU, Front fired | Fuel gas |
| Petronas MTBE | Malaysia | 2 | 2004 | 95UVS2-1CG | Incinerator | |
| | | | | | | Natural Gas/Oil heaters to repl the existing honeywell scanners |
| ESSO Malaysia (Exon Mobil Company) | Malaysia | 36 | 2004 | 95UVS1-1C G | Fired heaters and refinery systems | To replace Coen |
| TITAN Petro Chemicals | Malaysia | 4 | 2005 | 95UVS1-1C G | Boilers | |
| Shell PD | Malaysia | 1 | 2005 | 95UVS1-1CEX | Sour Gas Incinerator upgrade | |
| TITAN Petro Chemicals | Malaysia | 2 | 2004 | 95DSS1-1CG | Utility Boiler upgrade | Gas + HFO/To replace Coen |
| Titian Petrochemicals | Malaysia | 3 | 2005 | 95DSS1-1CG | Utility Boiler upgrade | Gas +HFO/To replace Coen |
| Titan Himont | Malaysia | 18 | 2005 | 95DSS1-1CG | Duct Burner | Refinery gas/To repl Coen |
| | | | | | | Refinery gas/Repl Durag scanner-all in one |
| Petronas Penapisan Auromatics Plant | Malaysia | 10 | 2006 | 95UVS1-1CG | Aromatic Process Furnace | Refinery gas/Repl Durag scanner-all in one |
| Petronas Penapisan Auromatics Plant | Malaysia | 10 | 2006 | 95UVS1-1 | Aromatic Process Furnace | Refinery gas/Repl Durag scanner-all in one |
| Petronas Penapisan Auromatics Plant | Malaysia | 10 | 2006 | 95UVS1-1CG | Aromatic Process Furnace | Natural Gas/Replace Durag DLX-100 scanners |
| Petronas Penapisan Terengganu | Malaysia | 10 | 2006 | 95UVS1-1CG | Process Heater | |
| | | | | | | Natural Gas/Repl Honeywell scanner at fuel gas heater in plant no. 6 |
| Petronas Gas Bhd | Malaysia | 20 | 2006 | 95DSS1-1CG w 20 ft cable | Gas Processing Plant (GPP-6) | |
| | | | | | | Natural Gas/Updade from Ionization rod to flame scanner with our new maxfire |
| Shell PD | Malaysia | 5 | 2006 | 95DSS1-1CG | CO boiler pilot burner | |

**INSIGHT SCANNER INSTALLATION REFERENCE SHEET
ASIA PACIFIC**



| Company Name and Location | Destination country | Qty Installed | Year of Installation | Equipment | Boiler/Burner Equipment | Fuels |
|---|---------------------|---------------|----------------------|----------------|--|---|
| PT Krakatau Daya Listrik IPP Power plant | Malaysia | 2 | 2006 | 95DSS2-1 | Boiler/Front fire/80 MW | Fireye 45UV5-1101 |
| MLNG Bintulu Malaysia | Malaysia | 24 | 2006 | 95UVS1-1 | MHI Japan manufacturer boiler/8 Front fired burner in 2 level/multi burner (2 boilers) | Natural gas with low concentration of H2s |
| TNB Tanjung Bin/ 3 x 700 MW, Coal fired power plant | Malaysia | 76 | 2006 | 95DSS2-1 | IHI Front fired, multi-burner Boilers | Coal & oil |
| MLNG Bintulu Malaysia | Malaysia | 4 | 2006 | 95DSS1 | Incinerator | Natural gas +Acid gas |
| Petronas Gas Bhd | Malaysia | 20 | 2007 | 95DSS1-1CG-020 | Gas Processing Plant (GPP-6) | Fuel gas scanner, Repl project - Original brand Honeywell Yamatake |
| Shell MDS unit in Bintulu | Malaysia | 2 | 2007 | 95UVS1-1CEX | Incinerator/Single burner | Waste or off gas/replacement Gas Fired/Replacement of Honeywell flame scanners/additional sprees as requested by Shell. |
| Shell MDS,Bintulu | Malaysia | 2 | 2007 | 95UVS1-1CEX | Incinerator and Boiler | Gas Fired/Replacement of Honeywell flame scanners. |
| Shell MDS in Bintulu | Malaysia | 11 | 2007 | 95UVS1-1CEX | Incinerator and Boiler | Gas Fired/Replacement of Honeywell flame scanners. |
| Petronas Gas Processing plant A (GPPA) | Malaysia | 5 | 2007 | 95UVS2-1 | Gas heater plant upgrading/L & G Furnace | Refinery Gas/to repl IRIS |
| Petronas Gas Processing Plant 6 (GPP-P) | Malaysia | 30 | 2007 | 95DSS1-1CG-020 | LPG Reheater/Natural gas fired burners | Natural gas/fuel gas heater scanner |
| Petronas Gas B | Malaysia | 15 | 2007 | 95DSS1-1CG-020 | Gas Fired burners | For Incinerator scanner upgrade/Replace IRIS/Elcontrol. |
| Petronas MLNG ,Bintulu | Malaysia | 35 | 2007 | 95UVS1-1 | Utility Boiler upgrade | Natural gas fired burners/upgrade from Fireye 45UV5 &25SU3-2100 |
| Petronas CUF, Gebeng | Malaysia | 2 | 2008 | 95UVS2-1CEX | Gas Fired Utility boiler | Spares |

**INSIGHT SCANNER INSTALLATION REFERENCE SHEET
ASIA PACIFIC**



| Company Name and Location | Destination country | Qty Installed | Year of Installation | Equipment | Boiler/Burner Equipment | Fuels |
|---|---------------------|---------------|----------------------|--|--|--|
| Petronas MLNG, Bintulu | Malaysia | 15 | 2008 | 95UVS1-1 | Utility boilers- Natural Gas fired burners | Upgrade from Fireye 45UV5 & 25su3-2100 |
| Petronas Gas Processing Plant B | Malaysia | 9 | 2008 | 95UVS2-1 | Auxillary and waste heat boilers | Gas Fired/replacement of Honeywell flame scanners |
| | | 6 | | 95UVS2-1CG | | |
| Petronas Gas Processing plant A (GPPA) | Malaysia | 3 | 2008 | 95DSS2-1CG | John Zink gas fired pilot burner | Bottom fired burners/Upgrade |
| Petronas Methanol Labuan | Malaysia | 1 | 2008 | 95UVS2E-1 | Correy,Mexico boiler,Front fired boiler | 2200 tons/hr, natural gas |
| Petronas Carigali | Malaysia | 20 | 2008 | 95UVS2-1CG | John Zink heaters, multi burner | Fuel gas/Replace Honeywell |
| MTBE Malaysia | Malaysia | 1 | 2009 | 95DSS2-1CEX | Thermal Incinerator | - |
| Petronas Gas -CUF Plant | Malaysia | 15 | 2009 | 95DSS2-1CG | Foster Wheeler HRSG | Duct burner/natural gas/replaced Durag |
| Petronas Gas -CUF Plant | Malaysia | 11 | 2009 | 95DSS2-1CG-020 | Foster Wheeler HRSG | Duct burner/natural gas/replaced Durag |
| MLNG | Malaysia | 14 | 2009 | 95DSS2-1 | NKK Japan Incinerator | Natural gas/replace Honeywell |
| Petronas Carigali | Malaysia | 7 | 2009 | 95UVS2-1CG | Bon Heaters, Multi Burner heater | Natural gas/replace Honeywell |
| Petronas Gas | Malaysia | 2 | 2010 | 60-2721-6 (replacement scanner for 95DSS2E-1CEX) | John Zink incinerator, heater | Heavy oil, replace Durag |
| Petronas Gas | Malaysia | 10 | | | 95DSS2-1CG | Foster Wheeler boiler, gas fired,multi burner |
| MLNG | Malaysia | 19 | 2010 | 95UVS2-1 | Mitsubishi boiler, front fired | Fuel gas/spares |
| Titan Petrochemicals | Malaysia | 24 | 2010 | 95DSS2-1CG-040 | John Zink Boiler & Furnace, Front & bottom fired | Natural Gas & Light Oil, replace Honeywell |
| NAM-Nederlandse Aardolie Maatschappij's | Netherland | 5 | 2009 | 95UVS2E-1CEX | Thermax Front fired boiler | Fuel gas |
| Covanta Philippines | Philippines | 5 | 2008 | 95DSS2-1 | Foster Wheeler Boiler | Opposed Fired, 500mw,coal, replace Forney IDD-IIU Scanners |

INSIGHT SCANNER INSTALLATION REFERENCE SHEET ASIA PACIFIC



| Company Name and Location | Destination country | Qty Installed | Year of Installation | Equipment | Boiler/Burner Equipment | Fuels |
|--|---------------------|---------------|----------------------|--------------|---|---|
| Covanta Philippines | Philippines | 1 | 2008 | 95DSS2-1 | Foster Wheeler Boiler | Opposed Fired, 500mw,coal, spare parts |
| Covanta Philippines | Philippines | 6 | 2009 | 95DSS2-1 | Foster Wheeler Boiler | Opposed fired, 500mw,coal |
| Burner Manufacturer :Tskushima Kankyo Engrg Japan /Yansub Project | Saudi Arabia | 18 | 2007 | 95DSS1-1 | Incinerator in a refinery | Refinery gas & natural gas |
| EXXON CHEMICAL | Singapore | 6 | | 95DSS2-1 | Fired heaters and refinery systems | Natural Gas/Repl Fireye 45UV5-1009 |
| CHEVRON ORINITE | Singapore | 3 | | 95DSS2-1CG | Sulphur Recovery | Refinery H2S, acid gas Refinery waste gas/Repl existing |
| Exxon Mobil Chemicals | Singapore | 2 | 2003 | 95DSS2-1 | Incinerator | Durag Scanners |
| Exxon Mobil Chemicals | Singapore | 4 | 2003 | 95DSS2-1CG | Gasifier | Gas |
| Shell Eastern Refinery Singapore | Singapore | 2 | 2004 | 95DSS1-CEX | Sulphur Recovery | Fuel Gas & Acid Gas(H2S)/replac existing Honeywell scanners |
| Shell Bukom | Singapore | 2 | 2005 | 95UVS2-1CG | HDT Furnace | Gas/Repl 45uv5-1101 |
| Shell Bukom Eastern Refinery | Singapore | 5 | 2005 | 95UVS2-1CG | HDS4 Furnace | Gas/New installation |
| PCS-1 Petrochemical Refinery of Singapore | Singapore | 9 | 2005 | 95DSS2-1CG | Seraya 1 Burner | Gas/Repl Honeywell scanners Fuel Gas & Acid Gas(H2S)/New installation |
| Linde Syngas | Singapore | 2 | 2005 | 95DSS2-1CG | Pre-Heat Boilers | Gas/Spare for new installation |
| Sembcorp Utilities | Singapore | 1 | 2005 | 95DSS1-1 | Boiler | Fuel Gas + Acid Gas/Sulfur recover unit & Thermal oxidizer |
| Chevron Texaco - Singapore Syngas | Sngapore | 6 | 2003 | 95DSS2-1 | Sulphur Recovery MHI & Stork Boiler. Stork-Thermeq Burner | Fuel,gas, oil, Natural gas & Heavy Oil |
| PCS-1 Petrochemical Refinery of Singapore | Singapore | 3 | 2005 | 95DSS2-1CG | Incinerator | Gas/New installation Fuel Gas/Moritani supply 95UVS2E- 1CEX MODEL AS PCS 1 WAS NOT CEX model |
| PCS-2 Petrochemical Corp of Singapore | Singapore | 5 | 2005 | 95UVS2E-1CEX | Furnace | Fuel Gas, Fuel Oil |
| CW Singapore Pte Ltd | Singapore | 4 | 2005 | 95DSS2-1 | Various Furnaces Boiler | Fuel Gas, Fuel Oil |
| CW Singapore Pte Ltd | Singapore | 7 | 2005 | 95IRS2-2 | Various Furnaces Boiler | Light Fuel Oil |
| Petrochemical Corporation of Singapore | Singapore | 2 | 2006 | 95DSS2-1CG | Instruments | Light Fuel Oil/new |
| Exxon Mobil Chemicals | Singapore | 1 | 2006 | 95DSS2-1 | Pre-Heat Boilers | |
| Petrochemical Corporation of Singapore 2 | Singapore | 8 | 2006 | 95DSS1-1CG | Main Boiler A & B | Fuel Gas/To repl Honeywell scanners |

**INSIGHT SCANNER INSTALLATION REFERENCE SHEET
ASIA PACIFIC**



| Company Name and Location | Destination country | Qty Installed | Year of Installation | Equipment | Boiler/Burner Equipment | Fuels |
|---|---------------------|---------------|----------------------|--|---|--|
| Petrochemical Corporation of Singapore 2 | Singapore | 2 | 2006 | 95DSS1-1CG | Main Boiler A & B | Fuel Gas/To repl Honeywell scanners |
| Petrochemical Corporation of Singapore | Singapore | 6 | 2006 | 95DSS2-1CG | Instruments | Light Fuel Oil |
| Petrochemical Corporation of Singapore | Singapore | 1 | 2006 | 95DSS2-1CG | Boiler | Fuel Gas |
| Petrochemical Corporation of Singapore | Singapore | 1 | 2006 | 95DSS2-1CG | Boiler | Fuel Gas |
| SWCC Jubai -Saudi Arabia Power Plant | Saudi Arabia | 72 | 2004 | 95UVS2-1 | 6 x 50 MW - Front Fired- MHI Boiler- Pilot & Main Burners | Gas+LFO/Retrofit project |
| Exxon Mobil Chemicals | Singapore | 1 | 2006 | 95UVS1-1CG | Auxiliary Burner | Fuel Gas/On trial to repl non self checking scanners |
| SembUtilities Pte Ltd (CogenerationPlant) | Singapore | 2 | 2006 | 95UVS1-1CG | Duct Burner | Fuel Gas/to repl 45uv5-1007 Scanner |
| Shell Petroleum | Singapore | 2 | 2006 | 95UVS2-1CG | HESG | Fuel Gas/to repl 45uv5-1101 |
| Petrochemical Corporation of Singapore | Singapore | 2 | 2006 | 95DSS2-1CG | Boiler | Fuel Gas |
| Petrochemical Corporation of Singapore | Singapore | 4 | 2006 | 95DSS2-1CG | Boiler | Fuel Gas |
| Petrochemical Corporation of Singapore | Singapore | 8 | 2006 | 95DSS2-1CG | Boiler | Fuel Gas |
| Shell Eastern Petroleum | Singapore | 1 | 2006 | 95DSS1-1CEX | Boiler | LPG(Ignitor of platform)/Trial |
| Shell Eastern Petroleum | Singapore | 7 | 2006 | 95UVS2-1CG-030 | Various Boiler & Furnace in Area 2 | Fuel Gas |
| Shell Eastern Petroleum | Singapore | 2 | 2007 | 95DSS1-1CG-040 | Boiler/Single burner | Fuel Gas |
| Shell Eastern Petroleum | Singapore | 4 | 2007 | 95DSS2-1CG | Boiler/Single burner | Fuel Gas |
| Shell Eastern Petroleum | Singapore | 1 | 2007 | 95UVS2-1CG-050 | Furnace/Standard Shell design Multi Burner/Front fired boiler | Fuel gas/New instatllation |
| Shell Eastern Petroleum | Singapore | 1 | 2007 | 95UVS2-1CG | Boiler/Boiler | Replacement unit |
| Shell Eastern Petroleum | Singapore | 1 | 2007 | 95UVS2-1CG | Furnace, Front fired boiler | Heavy oil/new installation |
| SembCorp Utilities | Singapore | 18 | 2007 | 95DSS2-1CG | Austrian Energy & environment | Fuel gas/New instatllation |
| SembCorp Utilities | Singapore | 12 | 2007 | 95uvs1-1CG | Boiler/Front Fired Boiler | Fuel gas/New instatllation |
| Petrochemical Corporation of Singapore | Singapore | 1 | 2007 | 95DSS2E-1CEX | Mitsui Boiler/Multi Burner | LPG/New installation |
| Petrochemical Corporation of Singapore | Singapore | 5 | 2007 | 95DSS2-1CG | Boiler/Multi burner | LPG/New installation |
| Petrochemical Corporation of Singapore | Singapore | 1 | 2007 | 95DSS2-1CG | Boiler | Fuel Gas |
| Yokogawa Engineering for Saudi Arabia | Singapore | 1 | 2007 | 95UVS2-1 | Front Fired boiler | Fuel gas |
| Purechem Singapore | Singapore | 2 | 2007 | 60-2721-6(repl scanner for 95DSS2E-1CEX) | Ichida Boiler, Front fired boiler | Fuel gas/New instatllation |
| Purechem Singapore | Singapore | 1 | 2007 | 95UVS1E-1 | Ichida Boiler, Front fired boiler | Fuel gas/New instatllation |
| Petrochemical Corporation of Singpaore | Singapore | 6 | 2008 | 95DSS2-1CG | Boiler,Front fired , Fuel gas | New installation |
| Shell Eastern Petroleum | Singapore | 1 | 2008 | 95DSS2E-1CEX | Furnace, Front fired boiler | Fuel gas/Spares parts |

INSIGHT SCANNER INSTALLATION REFERENCE SHEET ASIA PACIFIC



| Company Name and Location | Destination country | Qty Installed | Year of Installati on | Equipment | Boiler/Burner Equipment | Fuels |
|--|---------------------|---------------|-----------------------|---|---------------------------------|--|
| Exxon Mobil Asia Pacific Pte Ltd | Singapore | 1 | 2008 | 95DSS2-1 | Duct burner/Front fired boiler | Fuel gas/ spare parts |
| Shell Eastern Petroleum | Singapore | 4 | 2008 | 95DSS2-1CG | Front Fired boiler, fuel gas | new installation |
| Exxon Mobil Asia Pacific Pte Ltd | Singapore | 1 | 2008 | 95DSS2-1 | Duct burner,front fired boiler | Fuel gas/Spares parts |
| Chevron Oronite | Singapore | 2 | 2008 | 95DSS2-1CG | Front fired boiler | Fuel gas/New instatllation |
| Shell Eastern Petroleum | Singapore | 3 | 2009 | 95UVS2-1CG | Front fired boiler | Fuel gas/New instatllation |
| Shell Eastern Petroleum | Singapore | 1 | 2009 | 95UVS2-1CG | Front fire boiler | Fuel gas/New instatllation |
| Petrochemical Corpoation of Singapore | Singapore | 1 | 2009 | 95DSS2-1CG | Duct burner,front fired boiler | Fuel gas/spare parts |
| Petrochemical Corporation of Singapore | Singapore | 1 | 2009 | 95UVS2-1CG | Duct burner,front fired boiler | Fuel gas/spare parts |
| Petrochemical Corporation of Singapore | Singapore | 1 | 2009 | 95DSS2E-1CG | Duct burner, Front fired boiler | Fuel gas/Spare parts |
| Petrochemical Corporation of Singapore | Singapore | 1 | 2009 | 95DSS2-1CEX | Duct burner,front fired boiler | Fuel gas/spare parts |
| ALLIANCE REFINERY, MAP TA PHUT | Thailand | 2 | 2003 | 95DSS2-1CG | Sulphur Recovery | Refinery H2S, acid gas/Repl Fireye 45UV5-1101 & 45R1 |
| THAI OIL, MAP TA PHUT | Thailand | 2 | 2003 | 95DSS2-1CEX | Sulphur Recovery | Refinery H2S, acid gas/Repl Fireye 45UV5-1101 & 45R1 |
| THAI OIL, MAP TA PHUT | Thailand | 2 | 2003 | 95DSS2-1 | Refinery Gas Incinerator | Variouse Refinery Gas |
| PTT Gas Plant Phase -2 / IEE (Chiyoda) Thailand | Thailand | 4 | 2004 | 95DSS1-CEX | Duct Burner/ Waste Heat Boiler | Natural Gas/to repl the existing Honeywell scanners |
| Thai Petrochemical Industries (TPI) | Thailand | 6 | | 95DSS2-1 | Boilers | Fuel Gas + Bunker C Oil/Boilers Oil /To replace the existing IRIS scanners |
| Panjapol Paper | Thailand | 1 | | 95IRS1-1 | Recovery Boiler | Fuel Gas + Bunker C Oil/Repl Honeywell |
| Thai Petrochemical Industries (TPI) | Thailand | 2 | 2004 | 95DSS1-1CEX | Boiler | Black Liquor/Replace Coen |
| Hiang Seng Fibre | Thailand | 3 | 2003 | 95DSS1-1 | Recovery Boiler | Waste Gas, Natural Gas/to repl the existing Honeywell scanners |
| Esso Thailand | Thailand | 8 | 2004 | 95DSS2E-1CEX | Boiler | Waste Gas/repl 45m series |
| Thai Aero Sil (Degussa) | Thailand | 1 | 2005 | 95DSS2-1CEX | Incinerator | Waste Gas, Natural Gas |
| ARC Thailand | Thailand | 2 | 2005 | 95DSS2E-1CEX | Boiler | Natural Gas |
| COCO2 | Thailand | 1 | 2006 | 95DSS2-1CG | Multi Boiler | Natural Gas/Sare parts |
| Esso (Thailand) Co.Ltd in Rayong | Thailand | 1 | 2006 | for 95DSS2E-1CEX | Multi Burner | |
| Thai Petrochemical Industry Public Co.ltd | Thailand | 1 | 2006 | 95DSS1-1CEX | Burner | H2S+Oil |
| ESSO (Thailand) Public Co.Ltd | Thailand | 2 | 2006 | 60-2721-6(repl scanner for 95DSS2E-1CEX) | Burner | Natural gas/spare parts |

INSIGHT SCANNER INSTALLATION REFERENCE SHEET ASIA PACIFIC



| Company Name and Location | Destination country | Qty Installed | Year of Installation | Equipment | Boiler/Burner Equipment | Fuels |
|---|---------------------|---------------|----------------------|----------------|-----------------------------------|---|
| Auromatics Thai Co./EPC Contractor -SK & GS Engineering-Fire heater, burner:John Zinc | Thailand | 372 | 2007 | 95DSS2-1CG | Bottom Fired,pilot main flame | Fuel gas |
| Integrate Refinery Petrochemical Co.ltd | Thailand | 1 | 2007 | 95DSS2-1 | Boiler/Mix Fuel gas | For replacement. |
| Integrate Refinery Petrochemical Co.ltd | Thailand | 1 | 2007 | 95DSS2-1 | Multi waste boiler in Natural gas | Natural gas with waste gas |
| Vinythai Public Co.Ltd | Thailand | 1 | 2007 | 95DSS2-1CG-040 | - | New installation |
| PTT Chemical Public Co.ltd | Thailand | 1 | 2006 | 95DSS2-1CG | Boiler | Gas/replements |
| Auromatics Thai co/ SKEC/GS E& C | Thailand | 7 | 2008 | 95DSS2-1CG | Bottom Fired,pilot main flame | Fuel gas/Spares |
| AT Biopower | Thailand | 1 | 2009 | 95IRS2-1CG | Single Burner | For oil |
| PTT Aromatic and Refining PCL | Thailand | 7 | 2009 | 95DSS2-1CG | Gas Heater | Natural gas/Upgrade from Phoenix to Insight |
| THAI OIL, | Thailand | 10 | 2009 | 95DSS2-1CEX | John Zink SRU,Multi burner | NG & H2S/upgrade 45UV5 & 45RM |
| PTT Aromatic and Refining PCL | Thailand | 5 | 2009 | 95DSS2-1CG | John Zink Fire Heater | Fire Heater, multi burner,natural gas/spare parts |
| Integrate Refinery Petrochemical Co.ltd | Thailand | 1 | 2009 | 95DSS2-1CEX | John Zink Incinerator | Multi burner/fuel gas/H2S/Spare parts |
| PTT Aromatic and Refining PCL | Thailand | 2 | 2010 | 95DSS2-1CG | John Zink Burner | Multi burner,natural gas/spare parts |
| PTT Aromatic and Refining PCL | Thailand | 2 | 2010 | 95DSS2-1CG | Front Fired Boiler | Natural gas/Fuel gas/ replace ABB |
| PetroVietnam Fertiliser & Chemical Co., | Vietnam | 16 | 2005 | 95UVS1E-1CEX | Furnace & Boiler | LPG Gas |
| Bienhoa Chemical Plant (Vicaco) | Vietnam | 4 | 2005 | 95IRS2-01 | Boiler | Heavy Fuel Oil |
| Petro Vietnam Fertiliser & Chemical Co. | Vietnam | 2 | 2006 | 95UVS1E-1CEX | Steam Boiler | LPG/Spare parts |
| Petro Vietnam Fertiliser & Chemical Co. | Vietnam | 3 | 2009 | 95UVS2E-1CEX | Steam Boiler | LPG/Spare parts |