



M - T e c h
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**Selected Heat Pump Projects
Completed by M-Tech**

Document number: MTPROJ-SHPP

September 2016

List of heat pump related projects in process and completed by M-Tech

Metcourt hotel, Emperors Palace (Johannesburg, South Africa) – in process	
Mr. Ernst Roithmayr	Phone: 011 618 1021
Date: August 2016 – December 2016	Type of Contract: Supply & installation
Technology: Heat pump	Equipment: 2 x EH80MT.
Heating Capacity: 160kW primary heat pump	

Mediclinic Morningside (Johannesburg, South Africa) – in process	
Mr. Steve Calder	Phone: 011 282 5122
Date: June 2016 – November 2016	Type of Contract: Design & complete installation
Technology: Heat Pump	Equipment: 1 x ECDH70MT and 2 x 6000 litre vessels.
Heating Capacity: 70kW primary heat pump	

Mediclinic Potchefstroom (Potchefstroom, South Africa) – in process	
Mr. Donovan Vorster	Phone: 015 297 0577
Date: June 2016 – March 2017	Type of Contract: Design & complete installation
Technology: Heat Pump	Equipment: 2 x EH80MT, 1 x EH50MT, solar panels, 5 x 3000 litre vessels, 2 x 2500 litre vessels with 2 x 48kW backup heaters and 1 x 36kW backup heater.
Heating Capacity: 250kW primary heat pump, 15kW solar & 132kW backup	

Mediclinic Wits Donald Gordon Medical Centre (Johannesburg, South Africa) – in process	
Mr. Rudolf Burger	Phone: 011 318 2223
Date: June 2016 – November 2016	Type of Contract: Design, manufacturing & installation
Technology: Heat pumps with solar water heating retrofit.	Equipment: 2 x EH80MT, 1 x 36kW in-line heaters & water heating solar panels.
Heating Capacity: 160kW primary heat pump, 20kW solar & 36kW backup	

Mediclinic Medforum (Pretoria, South Africa) – in process	
Mr. Ryan Rennie	Phone: 086 074 2687
Date: April 2016 – February 2017	Type of Contract: Design & complete installation
Technology: Heat Pump	Equipment: 2 x ECDH90MT, solar panels, 5 x 5000 litre vessels with 2 x 48kW backup heaters
Heating Capacity: 170kW primary heat pump, 10kW solar & 96kW backup	

11 Alice Lane (Johannesburg, South Africa) – in process	
Mr. Ernst Roithmayr	Phone: 011 618 1021
Date: April 2016 – October 2016	Type of Contract: Supply & installation
Technology: Heat pump	Equipment: 1 x ECDH20MT, 5 x ERHP-SU26-MS.
Heating Capacity: 66kW primary heat pump	

Mediclinic Emfuleni (Vanderbijlpark, South Africa) – Phase III in process	
Mr. Brian Woolls-King	Phone: 021 797 5266
Date: March 2015 – December 2016	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump with solar water heating.	Equipment: 2 x ECDH70MT, 1 x 36kW in-line heaters, water heating solar panels & 3 x 5000 litre vessels.
Heating Capacity: 130kW primary heat pump, 40kW solar & 36kW backup	

Lonmin Platinum PLC 4 Belt (South Africa)	
Dr Riaan Rankin	Phone: 018 297 0326
Date: February 2016 – July 2016	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 2 x EH80MT
Heating Capacity: 160kW	

Volkskool Girls Hostel (Potchefstroom, South Africa) – Phase II	
Ms. Martie Linde	Phone: 018 294 5287
Date: March 2016 – May 2016	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x ECDH20MT & 1 x 1000 litre vessel with 18kW in-tank heater.
Heating Capacity: 18kW primary heat pump & 18kW backup	

AngloGold Ashanti Kopanang mine (South Africa)	
Dr Riaan Rankin	Phone: 018 297 0326
Date: June 2015 – January 2016	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 3 x EH80MT + 3 x EH50MT + 1 x 20 000 litre vessel.
Heating Capacity: 390kW heat pump	

Royal Swazi Spa (Swaziland)	
Mr. Mluleki Mavimbela	Phone: +268 2416 5462
Date: August 2015 – December 2015	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 2 x ECDH70MT & 1 x 144kW in-line heater.
Heating Capacity: 140kW primary heat pump &	

144kW backup	
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Balalaika Hotel (Sandton, South Africa)	
Mr. Ernst Roithmayr	Phone: 011 618 1021
Date: July 2015 – October 2015	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 4 x EH65MT & 1 x 96kW in-line heater.
Heating Capacity: 280kW primary heat pump & 96kW backup	

Volkskool Girls Hostel (Potchefstroom, South Africa)	
Ms. Martie Linde	Phone: 018 294 5287
Date: July 2015 – September 2015	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x ECDH20MT & 1 x 1000 litre vessel with 18kW in-tank heater.
Heating Capacity: 18kW primary heat pump & 18kW backup	

Mediclinic Pietermaritzburg (Pietermaritzburg, South Africa)	
Mr. Petrus Swanepoel	Phone: 051 405 9300
Date: December 2014 – June 2015	Type of Contract: Re-design, manufacturing & installation of new vessels for plant room
Technology: New vessels installation, integrating heat pump, solar and in-line heaters.	Equipment: 7 x 2300 liter vessels, 2 x EH50MT heat pumps, 1 x 48kW in-line heater, 1 x 36kW in-line heater.
Heating Capacity: 90kW primary heat pump & 84kW backup	

Mediclinic Sandton (Bryanston, South Africa) – Boiler Room 2	
Mr. Johann Herbst	Phone: 011 709 2000
Date: April 2015 – June 2015	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x ECDH55MT
Heating Capacity: 55 kW	

City Lodge Katherine Street (Sandton, South Africa)	
Mr. Kobus van Zyl	Phone: 011 557 2682
Date: November 2014 – February 2015	Type of Contract: Design & complete installation
Technology: Heat Pump	Equipment: 1 x EH65MT, 1 x EH50MT and 1 x 72kW in-line heater
Heating Capacity: 115 kW	

Road Lodge Carnival City (Brakpan, South Africa)	
Mr. Kobus van Zyl	Phone: 011 557 2682

Date: November 2014 – February 2015	Type of Contract: Design & complete installation
Technology: Heat Pump	Equipment: 1 x EH65MT and 1 x 36kW in-line heater
Heating Capacity: 70 kW	

City Lodge Umhlanga (Umhlanga, South Africa)	
Mr. Kobus van Zyl	Phone: 011 557 2682
Date: October 2014 – November 2014	Type of Contract: Design & complete installation
Technology: Heat Pump	Equipment: 1 x EH65MT
Heating Capacity: 70 kW	

Mafumu Hotel (Malawi)	
Mr. Tiwonge Loga	Phone: +265 1 750 982
Date: September 2014 – October 2014	Type of Contract: Supply & installation supervision
Technology: Heat Pump	Equipment: 3 x ECDH20MT
Heating Capacity: 54 kW	

Mediclinic Vereeniging (Vereeniging, South Africa) – Doctors Block	
Mr. Johan Pieterse	Phone: 016 440 5000
Date: August 2014 – January 2015	Type of Contract: Design & complete installation
Technology: Heat Pump	Equipment: 1 x ECDH20MT and 2 x 450 litre vessels
Heating Capacity: 18 kW	

Mediclinic Sandton (Bryanston, South Africa) – Boiler Room 1	
Mr. Johann Herbst	Phone: 011 709 2000
Date: August 2014 – November 2014	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x ECDH70MT
Heating Capacity: 65 kW	

Sibanye Gold – Ya Rona shaft (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: August 2014 – September 2014	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 3 x ECDH90MT
Heating Capacity: 255 kW	

Anglo Thermal Coal – Kriel Colliery (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: August 2014 – October 2014	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x ECDH45MT

Heating Capacity: 45 kW	
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Saratoga (Johannesburg, South Africa)	
Mr. Steve Franklin	Phone: 082 465 5271
Date: May 2014 – February 2015	Type of Contract: Supply & supervision
Technology: Heat Pump	Equipment: 5 x ECDH70MT & 1 x 120kW in-line heater
Heating Capacity: 325kW primary heat pump & 120kW backup	

City Lodge Waterfall Estate (Midrand, South Africa)	
Mr. Andries van der Westhuizen	Phone: 071 677 6504
Date: April 2014 – November 2014	Type of Contract: Supply & supervision
Technology: Heat Pump	Equipment: 3 x EH65MT & 1 x 72kW in-line heater
Heating Capacity: 220kW primary heat pump & 72kW backup	

Mediclinic Emfuleni (Vanderbijlpark, South Africa)	
Mr. Brian Woolls-King	Phone: 021 797 5266
Date: March 2014 – March 2015	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 2 x ECDH55MT & 1 x 36kW in-line heaters & water heating solar panels
Heating Capacity: 110kW primary heat pump, 40kW solar & 36kW backup	

Mediclinic Midstream (Centurion, South Africa)	
Mr. Brian Woolls-King	Phone: 021 797 5266
Date: February 2014 – March 2015	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 3 x ECDH90MT & 2 x 36kW in-line heaters & water heating solar panels
Heating Capacity: 255kW primary heat pump, 60kW solar & 72kW backup	

Mediclinic Worcester (Worcester, South Africa)	
Mr. Brian Woolls-King	Phone: 021 797 5266
Date: February 2014 – November 2014	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 2 x EH50MT & 1 x 36kW in-line heaters & water heating solar panels
Heating Capacity: 90kW primary heat pump, 60kW solar and 36kW backup	

Mediclinic Gariep (Kimberley, South Africa)	
Mr. Brian Woolls-King	Phone: 021 797 5266

Date: January 2014 – March 2015	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 4 x EH50MT & 2 x 36kW in-line heaters & water heating solar panels
Heating Capacity: 180kW primary heat pump, 96kW solar & 72kW backup	

Lonmin Platinum – Phase II (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: November 2013 – May 2014	Type of Contract: Design, manufacturing & installation (Phase II)
Technology: Heat Pump	Equipment: 8 x EH65MT & 2 x ECDH70MT & 2 x EH50MT & 5 x ECDH20MT
Heating Capacity: 860 kW	

Mediclinic Barberton (Barberton, South Africa)	
Mr Rudolf Burger	Phone: 011 318 2223
Date: April 2014	Type of Contract: Design, supply & installation
Technology: Heat Pump	Equipment: 8 x ERHP-SU14-MS
Heating Capacity: 36kW	

St George Hotel (Pretoria, South Africa)	
Mr George Andrinopoulos	Phone: 011 316 1254
Date: October 2013 – May 2014	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 2 x ECDH55MT & 2 x 48kW in-tank heaters
Heating Capacity: 110kW primary with 96kW backup	

Siyabuswa College (Siyabuswa, South Africa)	
Mr. Johan Nezar	Phone: 083 236 2202
Date: November 2013 – January 2014	Type of Contract: Supply & commissioning
Technology: Heat Pump	Equipment: 3 x ECDH20MT
Heating Capacity: 60 kW	

Mediclinic Sandton (Bryanston, South Africa)	
Mr. Johann Herbst	Phone: 011 709 2000
Date: August 2013 – September 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x ECDH20MT
Heating Capacity: 20 kW	

Lonmin Platinum (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: March 2012 – September 2013	Type of Contract: Design, manufacturing & installation

Technology: Heat Pump	Equipment: 25 x EH65MT & 14 x EH50MT & 2 x EH30MT & 35 x ECDH20MT & 195 x SU14 RHP
Heating Capacity: 3853 kW	

Sibanye Gold Driefontein (old Goldfields) (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: March 2012 – September 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 15 x EH65MT & 14 x EH50MT & 8 x EH30MT
Heating Capacity: 1915 kW	

Anglo Platinum Thermal stress test facility (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: February 2013 – July 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 2 x ECDH20MT
Heating Capacity: 40 kW	

SCAW Metals Group (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: February 2013 – June 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 5 x EH50MT
Heating Capacity: 250 kW	

Sibanye Gold Beatrix 4 Shaft (old Goldfields) (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: September 2012 – February 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 7 x EH65MT & 1 x EH50MT
Heating Capacity: 550 kW	

Weir Minerals (Alrode, South Africa)	
Mr Grant Anderson	Phone: 082 785 0649
Date: January 2013 – March 2013	Type of Contract: Design, supply & installation
Technology: Heat Pump	Equipment: 1 x ECDH35MT & 1 x 24kW in-line heater
Heating Capacity: 35kW primary with 24kW backup	

Hoogland Mediclinic (Bethlehem, South Africa)	
Mr Petrus Swanepoel	Phone: 051 405 9300
Date: December 2012 – February 2013	Type of Contract: Design, supply & installation
Technology: Heat Pump	Equipment: 15 x ERHP-SU14-MS
Heating Capacity: 71kW primary	

Pietermaritzburg Mediclinic (Pietermaritzburg, South Africa)	
Mr Brian Woolls-King	Phone: 082 567 5676
Date: November 2012 – March 2013	Type of Contract: Manufacturing & support
Technology: Heat Pump	Equipment: 1 x EH50MT
Heating Capacity: 45kW primary	

Vaal Dawn – (Meyerton, South Africa)	
Mr Harold Burgess	Phone: 082 787 4333
Date: October 2012 – January 2013	Type of Contract: Design, supply & installation
Technology: Heat Pump	Equipment: 1 x ECDH55MT
Heating Capacity: 50kW primary	

Argyll House (Parktown, Johannesburg, South Africa)	
Mr Renier Wissing	Phone: 082 552 8938
Date: October 2012 – February 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 2 x EH65MT & 1 x 72kW in-line heater
Heating Capacity: 130kW primary with 72kW backup	

Potchefstroom Academy (Potchefstroom, South Africa)	
Mr Lukas Etsebeth	Phone: 083 468 6702
Date: September 2012 – October 2012	Type of Contract: Supply & installation
Technology: Heat Pump	Equipment: 1 x ERHP-SU14-MS
Heating Capacity: 4.7kW primary	

Carnival City (Brakpan, South Africa)	
Mr Tienie van Wyk	Phone: 082 888 8431
Date: September 2012 – January 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 3 x EH65MT
Heating Capacity: 195kW primary	

Loutan House (Hillbrow, Johannesburg, South Africa)	
Mr Mike Dick	Phone: 082 387 2200
Date: August 2012 – February 2013	Type of Contract: Design, supervision & commissioning
Technology: Heat Pump	Equipment: 1 x EH65MT & 1 x EH50MT
Heating Capacity: 105kW primary with 120kW backup	

Anglo American Thermal Coal (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: February 2012 – December 2012	Type of Contract: Design, manufacturing &

	installation
Technology: Heat Pump	Equipment: 3 x EH65MT, 11 x EH50MT, 6 x EH30MT & 7 x ECDH20MT
Heating Capacity: 1065 kW	

Boys High – Hostel installations (Potchefstroom, South Africa)	
Mr Neville Grater	Phone: 012 317 6922
Date: June 2012 – November 2012	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT, 2 x EH40MT & 1 x EH30MT
Heating Capacity: 126kW primary	

Dawn Group – Change House installation (Johannesburg, South Africa)	
Mr Harold Burgess	Phone: 082 787 4333
Date: May 2012 – August 2012	Type of Contract: Design, supply & installation
Technology: Heat Pump	Equipment: 1 x ECDH35MT
Heating Capacity: 35kW primary with 24kW backup	

Anglo Gold Ashanti (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: January 2012 – December 2013	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Supply and install 1,190 x Residential 3kW heat pumps to AngloGold Vaal River Village
Heating Capacity: 3570kW	

Medforum Medi-Clinic – Basement installation (Pretoria, South Africa)	
Mr Vladimir Akimov	Phone: 012 317 6922
Date: July 2011 – August 2012	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT
Heating Capacity: 45kW primary with 48kW backup	

Windhoek Medi-Clinic (Windhoek, Namibia)	
Mr Koos Jacobs	Phone: +264 61 433 1010
Date: February 2012 – July 2012	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT
Heating Capacity: 45kW primary with 48kW backup	

St George Hotel (Pretoria, South Africa)	
Mr George Andrinopoulos	Phone: 011 316 1254
Date: November 2011 – March 2012	Type of Contract: Design, manufacturing &

	installation
Technology: Heat Pump	Equipment: 1 x ECDH35MT & 1 x 36kW in-line heater
Heating Capacity: 35kW primary with 36kW backup	

Impala Mine (Rustenburg, South Africa)	
Mr Brian Plantinga	Phone: 011 887 5731
Date: December 2011 – April 2012	Type of Contract: Design & manufacturing
Technology: Heat Pump	Equipment: 6 x EH65MT & 2 x EH50MT
Heating Capacity: 490kW	

Victoria Medi-Clinic (Tongaat, South Africa)	
Mr Petrus Swanepoel	Phone: 051 405 9300
Date: November 2011 – March 2012	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH65MT & 1 x 60kW in-line heater
Heating Capacity: 65kW primary with 60kW backup	

Medforum Medi-Clinic – Roof installation (Pretoria, South Africa)	
Mr Vladimir Akimov	Phone: 012 317 6922
Date: July 2011 – January 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH30MT
Heating Capacity: 25kW primary with 36kW backup	

Legae Medi-Clinic (Mabopane, South Africa)	
Mr Thembisile Mdini	Phone: 012 797 8055
Date: July 2011 – February 2012	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT
Heating Capacity: 45kW primary with 72kW backup	

Tzaneen Medi-Clinic (Tzaneen, South Africa)	
Mr Riaan Beeslaar	Phone: 015 306 8551
Date: July 2011 – December 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT
Heating Capacity: 45kW primary with 72kW backup	

Muelmed Medi-Clinic (Pretoria, South Africa)	
Mr Koos Jacobs	Phone: 012 440 0600

Date: July 2011 – December 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH65MT
Heating Capacity: 65kW primary with 72kW backup	

Kloof Medi-Clinic (Pretoria, South Africa)	
Mr Douglas Steyn	Phone: 012 367 4000
Date: July 2011 – December 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT & 1 x EH40MT
Heating Capacity: 76kW primary with 48kW backup	

Heart Hospital Medi-Clinic (Pretoria, South Africa)	
Mr Ben de Muelenaere	Phone: 012 440 0272
Date: July 2011 – December 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH40MT
Heating Capacity: 31kW primary with 48kW backup	

Brits Medi-Clinic (Brits, South Africa)	
Mr Martin Grobler	Phone: 012 252 8000
Date: July 2011 – December 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH40MT
Heating Capacity: 31kW primary	

Welkom Medi-Clinic (Welkom, South Africa)	
Mr Andre Stroud	Phone: 057 355 3189
Date: August 2011 – October 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 6 x ERHP-SU14-MS
Heating Capacity: 24kW primary	

Potchefstroom Medi-Clinic (Potchefstroom, South Africa)	
Mr Andre Booysen	Phone: 018 293 7031
Date: March 2011 – June 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH12MT & 1 x 12kW in-line heater
Heating Capacity: 9kW primary with 12kW backup	

Vereeniging Medi-Clinic existing system (Vereeniging, South Africa)	
Mr Rudolf Burger	Phone: 011 318 2223

Date: March 2011 – June 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT & 1 x 60kW in-line heater
Heating Capacity: 45kW primary with 60kW backup	

Nelspruit Medi-Clinic existing system (Nelspruit, South Africa)	
Mr Rudolf Burger	Phone: 011 318 2223
Date: March 2011 – June 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT, 1 x EH65MT & 1 x 108kW in-line heater
Heating Capacity: 110kW primary with 108kW backup	

Impala 14# (Rustenburg, South Africa)	
Mr Brian Plantinga	Phone: 011 887 5731
Date: January 2011 – June 2011	Type of Contract: Design & manufacturing
Technology: Heat Pump	Equipment: 3 x EH65MT
Heating Capacity: 195kW	

Vergelegen Medi-Clinic (Somerset West, South Africa)	
Mr Andries Fourie	Phone: 021 850 9000
Date: February 2011 – May 2011	Type of Contract: Design & manufacturing
Technology: Heat Pump	Equipment: 1 x EH30MT
Heating Capacity: 25kW	

Paarl Medi-Clinic (Paarl, South Africa)	
Mr Johan Wasserfall	Phone: 021 807 8400
Date: February 2011 – May 2011	Type of Contract: Design & manufacturing
Technology: Heat Pump	Equipment: 1 x EH40MT
Heating Capacity: 33kW	

Anglo Platinum (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: November 2010 – July 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 12 x EH50MT & 20 x EH65MT & 6 x EH30MT
Heating Capacity: 2080kW	

Anglo Gold Ashanti (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: November 2009 – January 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 28 x EH50MT & 28 x EH65MT & 2

	x EH30MT
Heating Capacity: 3140kW	

Nelspruit Medi-Clinic New Extension (Nelspruit, South Africa)	
Mr Charles Pienaar	Phone: 082 443 5779
Date: November 2010 – March 2011	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH50MT & 1 x 48kW in-line heater
Heating Capacity: 45kW primary with 48kW backup	

Kumba Iron Ore (South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: August 2010 – December 2010	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 1 x EH20MT & 1 x EH12MT & 7 x ERHP-SU14-MS
Heating Capacity: 50kW	

Blood Bank building (Hillbrow, Johannesburg, South Africa)	
Mr Mike Dick	Phone: 082 387 2200
Date: August 2010	Type of Contract: Manufacturing, supervision and commissioning
Technology: Heat pump	Equipment: 1 x EH50MT & 1 x EH65MT & 108kW in-line heater
Heating capacity: 105kW primary with 108kW back-up	

Impala Platinum Mine (Rustenburg, South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: January 2009 – December 2009	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 13 x EH50MT & 21 x EH65MT
Heating Capacity: 1885kW	

Bafokeng Rasimone Platinum Mine (Rustenburg, South Africa)	
Dr. Riaan Rankin	Phone: 018 297 0326
Date: October 2008 – March 2009	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: 7 x EH50MT & 4 x EH65MT
Heating Capacity: 575kW	

Medi-Clinic (Pietermaritzburg, South Africa)	
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	Phone: 033 845 3700
Date: March 2009	Type of Contract: Manufacturing, installation and commissioning
Technology: Heat pump	Equipment: 1 x EH50MT
Heating capacity: 25kW primary with 48kW back-up	

Medi-Clinic (Kimberley, South Africa)	
Mr. Piet Human	Phone: 053 838 1111
Date: October 2008	Type of Contract: Manufacturing, installation and commissioning
Technology: Heat pump	Equipment: 1 x EH50MT
Heating capacity: 25kW primary with 48kW back-up	

Akkerlaan Guest House (Potchefstroom, South Africa)	
Gretha & Nicky	Phone: 018 293 1213
Date: April 2008	Type of Contract: Design, manufacturing & installation
Technology: Heat Pump	Equipment: EH8MT
Heating Capacity: 6kW	

North-West University (Potchefstroom, South Africa)	
Dr. Martin van Eldik	Phone: (018) 299 1316
Date: February 2008	Type of Contract: Manufacturing
Technology: Water chiller	Equipment: 1 x EC8MT
Cooling capacity: 6kW	

North-West University (Potchefstroom, South Africa)	
Dr. Barend Botha	Phone: (018) 299 1316
Date: February 2008	Type of Contract: Manufacturing
Technology: Water chiller	Equipment: 1 x EC16MT
Cooling capacity: 16kW	

CFAM Extruder (Potchefstroom, South Africa)	
Mr. Danie Vorster	Phone: (018) 299 1316
Date: February 2008	Type of Contract: Manufacturing
Technology: Water chiller	Equipment: 1 x EC4MT
Cooling capacity: 4kW	

Goldfields Kloof Mine (South Africa)	
Dr. Riaan Rankin	Phone: (018) 297 0326
Date: January 2008	Type of Contract: Manufacturing, installation and commissioning
Technology: Heat pump	Equipment: 2 x EH65MT, 8 x EH50MT
Heating capacity: 490kW	

Residential swimming pool (Potchefstroom, South Africa)	
Mr. Andre Booysen	Phone: (018) 293 7031
Date: September 2007	Type of Contract: Manufacturing
Technology: Heat pump	Equipment: 1 x EP6MT
Heating capacity: 6kW	

Feather Hill Spa (Potchefstroom, South Africa)	
Mr. Johnny Meyer	Phone: (083) 310 5626
Date: September 2007	Type of Contract: Design, manufacturing, and commissioning
Technology: Heat pump and in-line heater	Equipment: 1 x EH16, 1 x 36kW ILH
Heating capacity: 14kW primary with 24kW back-up	

Ebotse Golf Estate (Johannesburg, South Africa)	
Mr. Willie Kotze	Phone: (012) 807 0172
Date: September 2007	Type of Contract: Manufacturing, installation and commissioning
Technology: Heat pump and in-line heater	Equipment: 1 x EH16, 1 x 36kW ILH
Heating capacity: 16kW primary with 36kW back-up	

The Sea Side Lodge (Swakopmund, Namibia)	
Mr. William Bosch	Phone:
Date: August 2007	Type of Contract: Manufacturing, installation and commissioning
Technology: Heat pump and in-line heater	Equipment: 1 x EH25, 1 x 48kW ILH
Heating capacity: 16kW primary with 36kW back-up	

Medi-Clinic (Potchefstroom, South Africa)	
Mr. Andre Booysen	Phone: (018) 293 7031
Date: July 2007	Type of Contract: Manufacturing, installation and commissioning
Technology: Heat pump and in-line heater water heating plant	Equipment: 1 x EH25, 1 x 48kW ILH
Heating capacity: 25kW primary with 48kW back-up	

University of Pretoria (Pretoria, South Africa)	
Prof. Leon Liebenberg	Phone: (012) 420 5366
Date: January 2007	Type of Contract: Manufacturing, installation and commissioning
Technology: Dual function heat pump	Equipment: 1 x ED40
Heating capacity: 40kW	

North-West University (Potchefstroom, South Africa)	
Me. Hester Klein	Phone: (018) 299 1111
Date: September 2006	Type of Contract: Manufacturing, installation and commissioning
Technology: Water chiller	Equipment: 1 x EC40
Cooling capacity: 40kW	

Fish Farm (Kroonstad, South Africa)	
Mr. Hannes v.d. Berg	Phone:
Date: October 2006	Type of Contract: Design, manufacturing and commissioning
Technology: Heat pump water heating plant	Equipment: 2 x EH10
Heating capacity: 20kW	

Brandwag Hostel, Gymnasium High School (Potchefstroom, South Africa)	
Mr. Piet Lessing	Phone: (018) 293 0118
Date: October 2006	Type of Contract: Design, manufacturing, installation and commissioning
Technology: Heat pump and in-line heater water heating plant	Equipment: 1 x EH16 & 1 x 36kW ILH
Heating capacity: 16kW primary with 36kW back-up	

Cachet Hostel, Gymnasium High School (Potchefstroom, South Africa)	
Mr. Piet Lessing	Phone: (018) 293 0118
Date: September 2006	Type of Contract: Design, installation and commissioning
Technology: In-line heater water heating plant	Equipment: 1 x 45kW ILH
Heating capacity: 45 kW	

JJ Bricks (Vanderbijlpark, South Africa)	
Mr. Jaap Prinsloo	Phone: (016) 971 4678
Date: August 2005	Type of Contract: Design, installation and commissioning
Technology: In-line heater water heating plant	Equipment: 1 x 24kW ILH
Heating capacity: 24kW	

Protea Hotel Capital (Pretoria, South Africa)	
Mr. Ricky Hall, Proud projects	Phone: (082) 568 3155
Date: December 2004	Type of Contract: Design and commissioning
Technology: In-line heater water heating plant	Equipment: 1 x 72kW ILH
Heating capacity: 72 kW	

IST DSM (South Africa)	
Mr. Jurgen Prange, Project Manager	Phone: (012) 426 7365
Date: September 2003 – December 2004	Type of Contract: Design, manufacturing, installation and commissioning
Technology: In-line heater water heating plant	Equipment: 34 x ILH's for mining hostels

City Lodge Umhlanga (Umhlanga, South Africa)	
Mr. Andrew Morris, Business development director	Phone: (011) 8845327
Date: November 2003	Type of Contract: Manufacturing and commissioning
Technology: Heat pump water heating plant	Equipment: 1 x EH40
Heating capacity: 45 kW	

City Lodge Pinelands (Cape Town, South Africa)	
Mr. Andrew Morris, Business development director	Phone: (011) 8845327
Date: September 2003	Type of Contract: Design, manufacturing, installation and commissioning
Technology: Heat pump and in-line heater water heating plant	Equipment: 1 x EH25
Heating capacity: 124 kW	

Johannesburg Airport City Lodge Hotel (Johannesburg, South Africa)	
Mr. Andrew Morris, Business development director	Phone: (011) 8845327
Date: January 2002	Type of Contract: Design, manufacturing, installation and commissioning
Technology: Heat pump and in-line heater water heating plant	Equipment: 1 x EH40
Heating capacity: 124 kW	

Elgro Hotel (Potchefstroom, South Africa)	
Mr. Kobus Fourie, Owner	Phone: (018) 2975411
Date: September 2001	Type of Contract: Design, manufacturing, installation and commissioning
Technology: Heat pump and in-line heater water heating plant	Equipment: 1 x EH40
Heating capacity: 112 kW	

Willows Garden Court Hotel (Potchefstroom, South Africa)	
Mr. Kobus Fourie, Owner	Phone: (018) 2975411

Date: September 2000	Type of Contract: Design, manufacturing, installation and commissioning
Technology: Heat pump and in-line heater water heating plant	Equipment: 1 x EH16
Heating capacity: 34 kW	

Butterworth public hospital (Butterworth, South Africa)	
Mr. Rikus Stander, Consulting Engineer	Phone: (043) 7353930
Date: November 1999	Type of Contract: Design and manufacturing
Technology: Heat pump and in-line heater water heating plant	Equipment: 1 x EH40
Heating capacity: 120 kW	

Naschem, Division of Denel (Potchefstroom, South Africa)	
Mr. J Venter, Project Manager, Research and Development	Phone: (018) 2998920
Date: September 1998	Type of Contract: Consultation and direct sale
Technology: Special air-conditioners for mine refuge chamber	Equipment: 1 x EA1
Heating capacity: 2.4 kW	

Potchefstroom University (Potchefstroom, South Africa)	
Mr. L. Van der Ryst, Manager, Technical Services	Phone: (018) 2992728
Date: March 1998	Type of Contract: Direct sale and installation
Technology: Hot water heat pump installation	Equipment: 1 x EHR45
Heating capacity: 40 kW	

Potchefstroom High School for Girls (Potchefstroom, South Africa)	
Mr. R.J. Fisher, Chairman of the Board	Phone: (018) 4782607
Date: May, 1997	Type of Contract: Direct sale & installation
Technology: Hot water heat pump installations	Equipment: 2 x EHR14
Heating capacity: 30 kW	

Magistrates Court Building (Pretoria, South Africa)	
Mr. F. Du Preez, Consulting Engineer	Phone: (012) 451091
Date: March, 1997	Type of Contract: Direct sale
Technology: Reverse cycle heat pump water	Equipment: 10 x ER40

heaters/chillers	
Heating capacity: 400 kW	Cooling capacity: 300 kW

Technical College Western Province (Cape Town, South Africa)	
Mr. L van Niekerk, Head	Phone: (021) 5312105
Date: 1996	Type of Contract: Direct sale
Technology: Hot water heat pump installations	Equipment: 1 x EHR25
Heating capacity: 25 kW	

Walker Crossweller, Hotel (Durban, South Africa)	
Mr. Patric Cross	Phone: (011) 7931031/2/3
Date: 1997	Type of Contract: Direct sale
Technology: Hot water heat pump installations	Equipment: 1 x EH10
Heating capacity: 20 kW	

Mr. Colatz, BBR Security (Roodepoort, South Africa)	
Mr. Peter Wymann, Heat and Cool Comfort, Contractor	Phone: (011) 7892630
Date: 1996	Type of Contract: Direct sale
Technology: Dual function heat pool heat pump / air conditioner	Equipment: 1 x EP50
Heating capacity: 60 kW	Cooling capacity: 40 kW

Pietersburg Place of Detention (Pietersburg, South Africa)	
Mr. F. Du Preez, Consulting Engineer	Phone: (012) 451091
Date: June 1996	Type of Contract: Direct Sale
Technology: Hot water heat pump installation	Equipment: 3 x EHR30, 2 x EHR10, tanks, pipe work
Heating capacity: 110 kW	

Huis Eikelaan Old Age Home (Potchefstroom, South Africa)	
Mr. G. Van Blerck, Manager	Phone: (018) 293 0118
Date: July 1996	Type of Contract: Direct Sale
Technology: Hot water heat pump installation	Equipment: 1 x EHR40
Heating capacity: 40 kW	

Gymnasium High School (Potchefstroom, South Africa)	
Dr. B. Janson, Head Master	Phone: (018) 293 0118
Date: July 1996	Type of Contract: Direct sale & installation

Technology: Hot water heat pump installation	Equipment: 1 x EHR10
Heating capacity: 10 kW	

University of Pretoria (Pretoria, South Africa)	
Mr. I. Cuthill, Project Engineer	Phone: (012) 4202793
Date: June 1996	Type of Contract: Direct sale
Technology: Hot water heat pump installation	Equipment: 1 x EHR16
Heating capacity: 16 kW	

Potchefstroom University (Potchefstroom, South Africa)	
Mr. L. Van der Ryst, Manager, Technical Services	Phone: (018) 2992728
Date: June 1995	Type of Contract: Direct sale
Technology: Hot water heat pump installation	Equipment: 1 x EHR40
Heating capacity: 40 kW	

St. Ritas Hospital (Northern Province, South Africa)	
Mr. C. Hoogendyk, Consulting Engineer	Phone: (012) 6633158
Date: March 1995	Type of Contract: Direct Sale
Technology: Hot water heat pump	Equipment: 1 x EHR30
Heating capacity: 30 kW	

Water furnace (Fort Wayne, Indiana, USA)	
Mr. C. Huber, Director, Research	Phone: 091(219) 478 5667
Date: June 1994	Type of Contract: Consulting
Technology: Heat pump simulation software	

Durban SPA Holiday Resort (Durban, South Africa)	
Me. Y. Wildenboer, Manager	Phone: (031) 329366
Date: October 1992	Type of Contract: Direct sale & installation
Technology: Swimming pool heat pump installation	Equipment: 2 x EP30, titanium heat exchanger
Heating capacity: 70 kW	

Health and Racquet Club (Midrand, South Africa)	

Mr. M. Robertson, Manager	Phone: (011) 3155144
Date: July 1992	Type of Contract: Direct sale
Technology: Swimming pool heat pump installation	Equipment: 2 x EPR30 with titanium condensers
Heating capacity: 70 kW	

Omaramba Holiday Resort (Marikana, South Africa)	
Mr. Johnny Lubbe or Jan van Staaden	Phone: (0142) 723004
Date: 1991	Type of Contract: Direct sale
Technology: Swimming pool heat pumps	Equipment: 3 x EPR40 with titanium heat exchangers
Heating capacity: 150 kW	

Aliwal North Spa (Aliwal North, South Africa)	
Mr. P.J.C Bosch or Koos Uys, C A du Toit and Partners	Phone: (051) 4471374
Date: 1991	Type of Contract: Direct sale
Technology: Swimming pool heat pumps	Equipment: 6 x EPR40
Heating capacity: 240 kW	

Oliewenhuis Art Gallery (Bloemfontein, South Africa)	
Mr. Henri le Roux, Conradie & Venter Consulting Engineers	Phone: (051) 4471636
Date: 1989	Type of Contract: Direct sale
Technology: Dual function heat pump water heaters/chillers	Equipment: 2 x ED80
Heating capacity: 160 kW	Cooling capacity: 120 kW

ESKOM Regional Head Office (Bloemfontein, South Africa)	
Mr. P.J.C Bosch or Koos Uys, C A du Toit and Partners	Phone: (051) 4471374
Date: 1990	Type of Contract: Direct sale
Technology: Dual function heat pump water heaters/chillers	Equipment: 6 x ED40
Heating capacity: 240 kW	Cooling capacity: 180 kW