

SUMMARY OF CONSULTING ENGINEER PROJECTS COMPLETED

Electrical Infrastructure

- HALEJONE LIQHOBONG 132kV OVERHEAD LINE – STRUCTURES AND FOUNDATIONS DESIGN AND DETAILING FOR DIHLASE CONSULTING ENGINEERS. 2014-2015.
- VARIOUS OVER HEAD POWER LINE DESIGNS OF UP TO 400kV, LOCATED IN LESOTHO, BOTSWANA, NAMIBIA AND SOUTH AFRICA.
- VARIOUS SUBSTATIONS DESIGN AND DETAIL WORK FOR CONSOLIDATED POWER PROJECTS (CONCO) FOR VARIOUS VOLTAGES PRIMARILY FOR MUNICIPALITIES, INDUSTRIAL INSTALLATIONS AND MINES - 2008 – CURRENT.
- SA CALCIUM CARBIDE 8MW RENEWABLE ENERGY POWER PLANT. 2012
- CONSULTING STRUCTURAL ENGINEERS FOR PROFOUND ENGINEERING, AND CONCO FOR THE RESSANO GARCIA 100MW GAS FIRED POWER STATION, SUBSTATION AND 275kV TRANSMISSION LINE. 2012
- DESIGN AND DETAIL OF TRANSMISSION LINE STRUCTURES FOR ESKOM 132kV SKOONGESIG AND DAGBREEK LINES. 2010
- DESIGN AND DETAIL OF 220kV AUAS NARUCHAS TRANSMISSION LINE – 2010
- DESIGN AND DETAIL OF 765kV CAPACITOR BANKS FOR ABB SWEDEN FOR ESKOM ALPHA, BETA, PERSEUS AND MERCURY SUBSTATIONS. 2009
- VARIOUS SUBSTATION EXTENSIONS AND GREENFIELD STATIONS FOR THE CAPE REGION - GREYSANDS, VLAKTE, HAGLEY, SILVERSANDS SUBSTATIONS – 2009
- DESIGN AND DETAIL OF SANDPARKS SUBSTATION REFURBISHMENT AND EXTENSION – 2009.
- DESIGN OF KOLWEZI-NSEKE 220kV DOUBLE CIRCUIT POWER LINE – DRC. 2008
- DESIGN AND DETAIL OF 400kV CAPACITOR BANKS FOR ABB SWEDEN FOR ESKOM IZIKO & SERUMULA SUBSTATIONS - 2008
- DESIGN AND DETAIL OF HVDC SUBSTATIONS FOR TRANS AFRICA PROJECTS NAMPOWER – 2006 – 2008
- DESIGN AND DETAIL OF 330kV SELOUS SUBSTATION, ZIMBABWE FOR ABB 2008.
- DESIGN CONSULTANT FOR THE NAMPOWER GERUS AND ZAMBEZI AC SUBSTATIONS. 2006
- 5 x 330kV SUBSTATIONS IN NIGERIA – ALL STEELWORK FOR AREVA T&D, STAFFORD ENGLAND. 2004-2005
- 2 x 220kV SUBSTATIONS FOR SPI AUSNET, AUSTRALIA. 2005
- PORT ELIZABETH COUNCIL - ANALYSIS AND UPGRADE OF 66kV OVERHEAD TRANSMISSION LINES. 2002

- MOZAMBIQUE – CIVIL AND STRUCTURAL ENGINEER FOR ABB ON THE MAPUTO BACKBONE ELECTRICITY REINFORCEMENT CONSISTING OF 4 SUBSTATIONS AND TWO 66kV OVERHEAD POWER LINES. 2002
- APPOINTED CONSULTANT FOR TECHNICAL MEDIATION ON KUISEB GIS SUBSTATION. 2002
- DESIGN, DETAIL AND FULL SCALE TESTING OF 132kV TRANSMISSION LINE STRUCTURES FOR CONSOLIDATED POWER PROJECTS, MMAMAGADOME – LOBATSE, BOTSWANA. 2004
- 3 CAPACITOR BANK 275kV SUBSTATIONS FOR ABB SWEDEN. 2003
- NIGERIA – 330kV GANTRY STRUCTURES FOR ALSTOM CALABAR SUBSTATION. 2002
- ZIMBABWE - HWANGE POWER STATION RAW WATER AND BLOW DOWN LINES. 2001
- MOZAMBIQUE - SUBSTATION AND ELECTRIFICATION LINES FOR ABB/YIT 2001
- LEMONE SUBSTATION STEELWORK. 1999
- NAMIBIA – CONSULTANT TO TRANS AFRICA PROJECTS ON KOKERBOOM AND AUAS SUBSTATIONS. 1999
- ELECTRIFICATION PYLONS FOR CIS IN RSA, MALAWI, ZAMBIA, MOZAMBIQUE, MALTA. 1996-CURRENT
- BOTSWANA - PHOKOJE AND TSHABONG SUBSTATIONS. 1998
- 132kV SALDANHA STEEL GIS AND AURORA SUBSTATIONS. 1996