

### FUEL STORAGE AND DISTRIBUTION PROJECTS (NON AVIATION)

CLIENT	DESCRIPTION	COMPLETION DATE
Shell SA (Pty) Ltd	<b>Alberton Terminal:</b> Design, engineering and management of tank level gauging and inventory control for bulk storage tank farm	1990
Shell SA (Pty) Ltd	<b>Witbank Terminal:</b> Design, engineering and management for upgrading and automation of electrical infrastructure and automation of road loading gantry installation	1991
Shell SA (Pty) Ltd	<b>Port Elizabeth Terminal:</b> Design, engineering and management for upgrading and automation of electrical infrastructure and automation of road loading gantry installation	1992
BP Botswana (Pty) Ltd	<b>Gaborone Depot:</b> Risk analysis study and proposals with respect to depot storage, fire fighting and security requirements	1992
Shell SA (Pty) Ltd	<b>Port Elizabeth Terminal:</b> Design, engineering and management of tank gauging and inventory control for bulk storage tank farm	1993
Mossgas	<b>Mossel Bay Depot:</b> Design, engineering and management of electrical and instrumentation installation of bulk storage and ship loading facilities, for alcohol export	1994
Shell SA (Pty) Ltd	<b>Mossel Bay Terminal:</b> Design, engineering and management for upgrading of electrical infrastructure and automation of road loading gantry installation	1994
Shell SA (Pty) Ltd	<b>Caledon Terminal:</b> Design, engineering for automation of road loading gantry installation	1995
Shell SA (Pty) Ltd	<b>Kroonstad Terminal:</b> Design, engineering and management for upgrading of electrical infrastructure and automation of road loading gantry installation	1996
Shell SA (Pty) Ltd	<b>Ladysmith Terminal:</b> Design, engineering and management for upgrading of electrical infrastructure and automation of road loading gantry installation	1996
Shell SA (Pty) Ltd	<b>Alberton Terminal:</b> Evaluation of long term storage and distribution requirements for multi-product tank farm infrastructure including hydraulic and surge analysis and master plan proposals	1996
Shell SA (Pty) Ltd	<b>Alberton Terminal:</b> Design and engineering of bulk storage tank farm infrastructure upgrading including pipe work, pump sets and associated equipment, valves, SCADA system and electrical infrastructure	1998
Shell SA (Pty) Ltd	<b>Island View Terminal Durban:</b> Design, engineering and management for upgrading of electrical infrastructure and automation of road and rail tank car loading gantry installation	1998
Sasol Oil Ltd	<b>Pretoria West Terminal:</b> Basis of Design Report for the upgrading of the road loading gantry	2000

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Shell SA (Pty) Ltd	<b>Witrivier Terminal:</b> Design and supervision of the upgrading of the road receipt facilities	2004
Shell SA (Pty) Ltd	<b>Polokwane Terminal:</b> Design and supervision of the upgrading of the road receipt facilities	2004
Shell SA (Pty) Ltd	<b>Kimberley Terminal:</b> Design and supervision of the upgrading of the road receipt facilities	2004
Total SA	<b>Polokwane Terminal:</b> Upgrade of Depot: Electrical and Mechanical Work for new road loading gantry including procurement of all gantry equipment. Design and supervision of major terminal upgrade	2006
Total SA	<b>Nelspruit Terminal:</b> Detail design of the upgrade of the additive injection system	2006
Algoa International Anstalt	<b>Angola: Porto Amboim:</b> Detail design of the upgrade of the Sonangol fuel storage distribution terminal	2009
Algoa International Anstalt	<b>Angola: Lubango:</b> Preliminary design of the upgrade of the Sonangol fuel storage distribution terminal	2007
Algoa International Anstalt	<b>Angola: Matala:</b> Preliminary design of the upgrade of the Sonangol fuel storage distribution terminal	2007
Algoa International Anstalt	<b>Angola: Lucala:</b> Preliminary design of the upgrade of the Sonangol fuel storage distribution terminal	2007
Shell SA (Pty) Ltd	<b>Alberton Depot:</b> Road Bridging Facilities	2010
Shell SA (Pty) Ltd	<b>Swaziland Depot:</b> Road Bridging Facilities	2010
Shell SA (Pty) Ltd	<b>Kroonstad Depot:</b> Road Bridging Facilities	2010
Shell SA (Pty) Ltd	<b>Witbank Depot:</b> Road Bridging Facilities	2010
Shell SA (Pty) Ltd	<b>Polokwane Depot:</b> Road Bridging Facilities	2010

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CLIENT	DESCRIPTION	COMPLETION DATE
<b>CERA Oil (Pty) Ltd</b>	<b>Boksburg Blending Plant:</b> Upgrade of Facilities including pump & pipe upgrades, tank rehabilitations and calibration, weighbridge facilities etc.	<b>2011</b>
<b>Anglo Coal</b>	Audit of Bulk Fuel Facilities at 56 Mine Sites, for SANS Compliance	<b>2012</b>
<b>Anglo Plats</b>	Audit of Bulk Fuel Facilities at 54 Mine Sites, for SANS Compliance	<b>2012</b>
<b>Xstrata Eland Mine</b>	Management of Quality Control/Assurance of Upgrade of Bulk Fuel Facilities	<b>2013</b>
<b>Xstrata Mototolo Mine</b>	Detail Design of Bulk Fuel Facility Upgrade	<b>2012</b>
<b>Eastern Refinery Limited</b>	EPC Contract for 17500m <sup>3</sup> Motor Spirit Floating Roof Storage Tank, Chittagong, Bangladesh	<b>Current</b>
<b>Ga-Makgato, Limpopo</b>	Multiproduct Storage and Distribution Depot – Conceptual Design	<b>2015</b>
<b>Centlube</b>	Assessment of current lube and blending facilities and recommendations for expansion of production capacity	<b>2015</b>
<b>Hatch Goba</b>	Preliminary design of the fuel storage and bus re-fuelling facilities for Integrated Rapid Public Transport Network for EtheKwini	<b>2015</b>
<b>Hatch Goba</b>	Detail design and contract management of the fuel facilities for Integrated Rapid Public Transport Network for Msunduzi Bus depots	<b>Current</b>
<b>Arup</b>	Detail design and contract management of the fuel facilities for Integrated Rapid Public Transport Network for 5 Bus depots	<b>Current</b>

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