

**Partnership between
industry and
municipalities to ensure
high level of service
delivery**

4 Oct 2016



Factory Layout in Vereeniging



Wire Drawing Plant

Paper cable Plant

LV cable Plant

Cable Test Area

HV routine and type test lab

ACSR plant

MV XLPE cable test area

VCV - XLPE HV cable

MV XLPE cable plant

Design & Chem Lab

Admin & Commercial

Upcast

Despatch Area

Company Ownership



80%

20%

ATC (Pty) Ltd

100%

50%

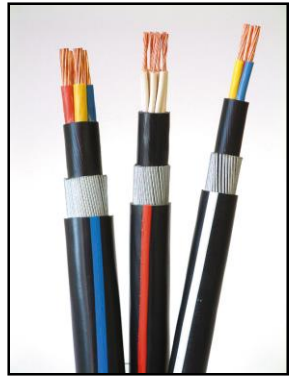


A division of ATC (Pty) Ltd

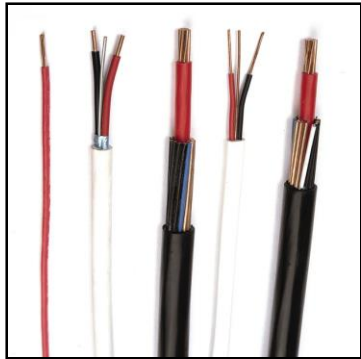
100%



Product Range



Low, Medium and High Voltage Cable



- Power Installations (PI) is a department within CBI-electric: african cables that specializes in the system design, installation, commissioning, testing, and maintenance of:
 - Medium Voltage cables (11-33kV)
 - High Voltage cables (44-132kV)
 - Extra High Voltage cables (275kV-400kV)
- Three branches: Vereeniging, Durban, Capetown
- Maintenance of HV fluid filled and XLPE cable systems.
 - Fluid filled cable technology was introduced into South Africa in the late 1960's and was only replaced by XLPE dielectric in the early 1980's.
 - To date some 1200km of fluid filled cable remains in operation in South Africa



How can we partner to ensure high level of service delivery?



Assessment Service:

Through rigorous and specialized testing we are able to determine the existing condition of either HV fluid filled or XLPE circuits and provide recommendations. Proactive approach rather than reactive.

Breakdown Maintenance:

24hour standby team with a 2 hour to site response time to attend to breakdowns on HV fluid filled or XLPE cable circuits should they experience a fault. We employ skilled employees and have all necessary tools and equipment at hand.

Planned Preventative Maintenance:

Planned annual maintenance of cable circuits according to pre-determined testing and inspection criteria (link box inspections, termination inspections, DC serving tests, earthing integrity testing, hot connections, circulating current measurements, on-line PD testing, off line pd testing)

Refurbishment Maintenance:

Planned refurbishment of strategic components associated with mostly fluid filled cables during off-peak load periods.

Accessory and Cable Supply:

Conduct an analysis for all critical spares required.

Supply HV & MV accessories required for the repair/ strategic stock holding.

How can we partner to ensure high level of service delivery?

Number of HV/MV Cable Maintenance Breakdowns attended to by CBi-electric for Utilities

