



## **Mr. CUTHBERT MUNANGA - Director**

### **EDUCATION**

1. Higher National Diploma in Electrical and Electronics Engineering (Teesside University, U.K)
2. Technician Certificate in Telecommunications and Electronics Engineering (2001)
3. National Certificate in Electrical Power Engineering (2002)
4. Certificate of Apprenticeship Training (02/2001 – 01/2005)
5. Certificate of Skilled Worker Trade Test (Journeyman) Qualification
6. Certificate of Registration, Registered Installation Electrician
7. Electrical Installation Rules & Unit Standards
8. High Voltage Cable Jointing Certificate
9. 33 KV Switching Certificate
10. Power System Protection Certificate
11. Senior Switching Authorization Certificate (33 KV) 12. Medium Voltage Basic Switching Course
13. Enermax Plus Metering Course
14. Fire Detection Course

### **SPECIALTY AREAS**

1. Electrical Installation Inspection, Testing & Certification
2. Industrial & Commercial High Voltage Metering
3. High Voltage Switching & Operations
4. Power Systems Protection & Testing
5. HV Cable Jointing & Termination
6. Protection Relays & Switchgear
7. Earthing & Lightning Protection
8. Protection Relay Coordination
9. PLCs, Automation and Control
10. Electric Motors & Drives
11. Electrical Safety
12. Fire Detection

### **PROFESSIONAL REGISTRATION**

Department of Labour – Registered Installation Electrician No. IE 34309

Earthing and Lightning Protection Association (ELPA) INS0030

The Institution of Engineering and Technology (IET) – Membership No. 1100286571

Institute of Electrical and Electronics Engineers (IEEE) – Membership No. 92624500

Intelect Engineering

### **PROFESSIONAL EXPERIENCE**

1. Intelect Engineering - Director/Chief Technician (11/2014 - Current)
2. Umjindi Local Municipality (Barberton) - Electrician (11/2008 – 10/2014)
3. Powercraft Engineering - Operations Technician (11/2007 – 10/2008)
4. Zimbabwe Electricity Transmission & Distribution Company - Distribution Technician (04/2005 – 10/2007)
5. Zimbabwe Electricity Supply Authority - Apprentice Electrician (02/2001 – 01/2005)