

GELPS PTY LTD

Grounding · Earthing · Lightning Protection



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GELPS (Pty) Ltd is a specialist provider of earthing, grounding, and lightning protection solutions across South Africa. We deliver compliant, end-to-end services including assessment, design, installation, testing, and certification, ensuring the safety of people, protection of assets, and operational reliability.



Earthing & Grounding

We provide comprehensive earthing and grounding solutions, including soil resistivity analysis, earthing system design, installation of electrodes and conductors, earth resistance verification, and system remediation for residential, commercial, and industrial applications.



Lightning Protection Systems (LPS)

We design, install, and certify complete lightning protection systems, including risk assessments, external and internal protection, surge protection, and mast installations, in compliance with SANS 10313 and IEC 62305.



Testing, Inspection & Certification

We provide complete earthing and grounding solutions, including testing, system design, installation, verification, and upgrades to ensure electrical safety across residential, commercial, and industrial sites.



Compliance & Standards

GELPS (Pty) Ltd ensures all installations comply with relevant standards, including SANS 10313, IEC 62305, and SANS 10142, with a focus on safety, traceability, and certified workmanship.

Project Experience

GELPS (Pty) Ltd has successfully completed a wide range of projects across South Africa, demonstrating technical expertise and adherence to safety and compliance standards. Key project types include:



Industrial Facilities & Specialized Installations

Successfully completed several specialized projects and installation, including Sasol Ekandustria Plants

Commercial Office Spaces

Design and installation of earthing systems, lightning protection, and surge protection devices for factories, warehouses, and mining facilities including Africa Link Headquarters in Mpumalanga



Industrial Facilities & High Risk Environment

Specialized installations in fuel depots and high-explosive facilities, including Sasol Ekandustria bomb plants, with strict adherence to safety protocols and compliance standards.

Health, Safety & Environment (HSE)

We are committed to maintaining a safe working environment for our employees, clients, and the public. All work is conducted with proper risk assessments, method statements, and adherence to site-specific safety requirements.



Strict Safety Protocols

Ensuring the well-being of our team and site visitors through comprehensive safety measures and training.



Quality Assurance

Rigorous quality checks and adherence to industry standards to guarantee exceptional results.