

Voltex' Power & Plant Training

We are a Registered Training Organisation providing Nationally Recognised Training (NRT) in High Voltage Isolation and Access (HVIA) and Arc Flash Hazard Safety (AFHS). We also review, develop and deliver customised training for Site Safety Management Systems and procedures for your plant operators and maintenance teams.

Capability Statement

Head Office

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Locations

Brisbane
Sydney
Melbourne
Perth
Darwin
Santiago



RTO #40627

VOLTEX
power & plant training

HV Operator Training

Whether your electrical personnel require Nationally Recognised Training (NRT) in High Voltage Isolation and Access (HVIA), or more generalised industry assistance in testing or systems to improve your plant operation knowledge, **Voltex' Power & Plant** registered training organisation is built on Voltex' expertise to deliver maximum benefit to your staff and organisation.



Arc Flash Hazard Safety Training

Nationally Recognised Training (NRT) in Arc Flash Hazard Safety (AFHS), for awareness of risks, arc flash minimisation techniques, and how to read and interpret Arc Flash labels for operating boundaries and appropriate PPE. Course suitable for Switching Operators and Management personnel. Available on-line.

IEC 61850 Training

IEC 61850 is the “smart grid” Standard, specifically developed as “Communication networks and systems for power utility automation”. Even though the standard came into existence with the first release in 2004, many engineers involved in Substation Automation Systems often fail to understand the “broadcast” philosophy of the inbuilt protocols sections, and try to treat it like any other automation protocols, sending polling requests that may suffocate the network with latency issues.

With Power & Plant Training's IEC 61850 training courses, learn how to use the standard as designed, for critical protection and logical decisions and communications with minimal latency.

HV Isolation & Access Training

Nationally Recognised Training (NRT) in High Voltage Isolation and Access (HVIA) for Switching Coordinators, Switching Operators and Permit Recipients. The course can be customised to include your company and site policies and procedures, with practical application on your own switchgear.

HV Protection Systems Training

As HV Protection relays evolve into Intelligent Electronic devices (IEDs), both protection design and protection testing and commissioning become more complex. Learn how to coordinate protection schemes and balance the demands of safe and reliable operation. See how logic blocking schemes can minimise disruptions when the utility fault level is limited.

Discover the efficient execution of repetitive relay testing schemes by the development and utilisation of test routines. Voltex' Power & Plant Training, delivered by experts in the field, can cover the basics of overcurrent and earth fault protection, to advanced motor and generator settings, and transformer and line differential schemes.

SF6 Gas Safe Training

SF6 Gas is listed among the Kyoto Protocol greenhouse gases, and as such, emissions are reportable under the National Greenhouse and Energy Reporting Regulations 2008. SF6 Has a Global Warming Potential (GWP) of 23,500, which means that every kilogram of SF6 has an impact equivalent to about 23.5 tonnes of CO2.

Learn how to safely manage SF6 gas, during the filling of equipment, extraction for maintenance or decommissioning, and minimise greenhouse gas emissions.

ETAP Digital Twin Training

Popular courses online for all users, from beginners to more advanced. Save time in SLD modelling, power system analyses, arc flash studies and reports, with this practical course showing you the tips and tricks to simplicity with Auto-Build, Auto-Star coordination, and scenario wizards to easily compare various configurations, data revisions, analysis type, study type and cases.

