
Capability Statement

HV Terminations & Services

Introduction

Genision supplies Olex HV termination kits.

(<http://www.australmold.com.au/index.php/products/9-our-products/101-terminations>)

Nexans Australmold, a division of Olex Australia Pty Ltd, supplies the highest quality HV Terminations Kits to markets in Australia. Nexans is backed by strong technical support, both within Australia and from its factories and suppliers overseas. This allows Genision to provide first hand test reports for each Hv termination kit supplied. Nexans acquired Australmold in 2008 and now supply joints and terminations using both heat shrink and cold shrink technology.

Genision supplies Reychem HV termination kits.

(<http://www.te.com/en/industries/energy/energy-global.html>)

TE Connectivity is a technology leader that designs and manufactures the electronic connectors, components and systems inside the products that are changing the world - making them smarter, safer, greener and more connected. TE Connectivity is the authorised distributor of Reychem HV termination kits in Australia.

Goods & Service

Genision provide OLEX or Raychem HV Termination Kits and accredited technicians to fit these terminations up to 132kV.

Specialty Codes and Certificates:

- AS 1429 - Electric Cables (XLPE)
- AS 1026 - Electric Cables (PILC)
- AS 3008 - Cable Applications
- AS 7000 - Overhead Line Design
- EG-0 & 1 - Power Systems Earthing Guide
- AS 600060 – High voltage test techniques and requirements for onsite testing
- AS 60840 – Power cables with extruded insulation and their accessories for rated voltage above 30 kV up to 150 kV – test methods and requirements.
- AS 60270- High-voltage test techniques - Partial discharge measurements



- AS 1767.2 - Insulating liquids - Test methods - Measurement of relative permittivity, dielectric dissipation factor (tan d) and d.c. resistivity
- IEC 60885.3 – Test methods for partial discharge measurements on lengths of extruded power cables
- IEEE 400.2 – IEEE Guide for field testing of shielded power cable systems using very low frequency (VLF)
- IEEE 400.3 – IEEE Guide for partial discharge testing of shielded power cable systems in field environment

Genision is an Australian partnered company with strong links to Singapore, Thailand and China.

Engineering & Technical Services

Equipment	Description	Benefits
Generation, Transmission, Distribution & Industrial HV Terminations	<p>Low Voltage = Heat Shrinkable Terminations Heat Shrinkable Tubing</p> <p>Medium Voltage = Heat Shrinkable Terminations for XLPE or PILC Cold applied Silicone push on terminations Cold applied single core terminations Cold applied trifurcation terminations Cold applied XLPE terminations</p> <p>High Voltage = Heat Shrink Terminations (XLPE) Dry Self-supporting Terminations</p> <p>Switchgear/ Transformers = Dry Compact Terminations Oil Filled Terminations Plug in Terminations Screened elbow connectors Un-screened elbow connectors Insulated adaptor termination system</p> <p>18V Crimping tools</p>	<p>World class HV termination supply companies with low failure rates of equipment supplied.</p> <p>Complete test reports provided with all equipment supplied.</p>
HV Termination Services	<p>Some of our Cable Jointing Services include:</p> <p>LV Cable Jointing HV Cable Jointing up to 33KV</p>	<p>Nexans/Olex or Reychem accredited HV Termination Technicians</p>



Genision

**Specialists in
HV Terminations & Services**

<p>Termination works up to 33KV ABB Slip-on Terminations 3M Cold Shrink Joints and Terminations Raychem Terminations Euromold 11KV and 33KV Substations Private Networks 33kv up to 1000mm² xlpe joints with copper earth cans and plumb wipes 33kv xple terminations Raychem/tyco, up to 1000mm² 33kv paper/lead terminations, up to 630mm² 33kv paper/lead paper terminations with paper tapes and bitumin, up to 400mm² 33kv 630 s/c xlpe pole terminations inc installing all cables and earthing on pole 33kv paper/lead to xlpe transition joints 33kv HSL joints – transition and repair 33kv Pfisterer Terminations 33kv Screen Break Straight Joints 33kv Earthing Link Boxes 11kv xlpe single and 3 core terminations 11kv paper/lead single and 3 core terminations 11kv xlpe paper/lead transition joints 11kv 3 core xlpe – 3 core paper/lead transition joints Phasing of all 11kv & 33kv circuits Erecting and modifying steelwork for cable structures Assisting in cable pulling</p>	<p>Oil & Gas (APLNG), Mining, Utility & Heavy Industry experience 10 year + in HV terminations and cable jonting</p>
---	--