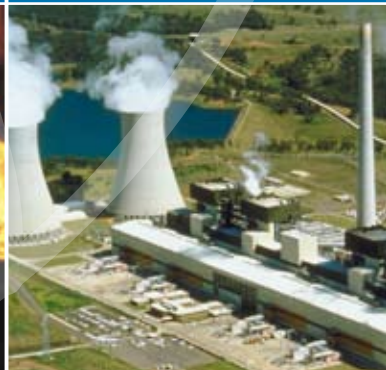




RPS SWITCHGEAR

Reliability and safety you can trust



Corporate Brochure

Corporate Profile

RPS Switchgear – the world's premier manufacturer and supplier of high voltage electrical switchgear and electrical distribution solutions.



Whether you are an electrical utility, a manufacturing or processing company, Quality, Reliability, Flexibility and Safety will be critical factors in your selection of electrical switchgear.

Quality

RPS Switchgear have over 40 years of product development experience using a technology that has truly stood the test of time. We are now using this experience to develop the latest generation of quality products.

Reliability

RPS Switchgear equipment has an in service life of over 20 years. Life cost calculation will demonstrate that over time, RPS Switchgear presents unrivalled value.

Flexibility

You tell us that the requirement for engineered and customized solutions is ever increasing. Our innovative design and engineering excellence provide flexibility in design, specification and installation that modern power installations demand.

Safety

There can be no compromise or short cuts when it comes to safety. Our safety record is world class and we are committed to ensuring your RPS switchgear provides complete peace of mind for both your employees and your operations.

History

Throughout our pioneering history, RPS Switchgear have supplied our customers with superior power transmission and distribution solutions.

We began as a Reyrolle company nearly 90 years ago. Internationally, Reyrolle has been an iconic name for switchgear for decades.

In 2009 we will have been manufacturing in New Zealand for 40 years. No other switchgear manufacturing company offers as much experience as RPS Switchgear.

Our Milestones

1886

Alphonse Reyrolle established A. Reyrolle and Company in Newcastle, UK. The company was largely responsible for the electrical systems in the UK and Commonwealth countries until the 1960's.

1920

The Reyrolle company began trading in NZ using a local agent.

1959

A. Reyrolle and Co. (NZ) Limited was established in New Zealand and imported medium voltage switchgear from the Reyrolle group in the UK.

1960

Reyrolle (UK) develop LMT oil circuit breakers.

1969

Reyrolle NZ opens its manufacturing facility in Petone, Wellington. We are still here today.

1990

Reyrolle Pacific Switchgear (NZ) develops its first vacuum circuit breakers.

2004

Reyrolle Pacific Switchgear was sold out of the Reyrolle group to become a wholly owned private New Zealand company.

2008

We formed a new brand name "RPS Switchgear".

Serving You Around The World

RPS Switchgear serve our customers globally ... in Africa, Asia, Australasia, the Middle East and the UK.

In New Zealand, the business is centered around the manufacturing facility in Petone, Wellington. Engineering, R & D, manufacturing, assembly, project management, sales and marketing all operate from this facility.

In Australia, we have offices in Melbourne and Brisbane providing sales, engineering and service functions.

RPS Switchgear has a sales office in the UK to service Europe and the Middle East and an office in South Africa to service our customers in the African Countries.

In addition, we complement our manufacturing operations with a complete range of customer services including product development, design, installation and maintenance servicing throughout the Asia-Pacific region.

Applications



RPS Switchgear equipment is widely used in applications such as Transformer Incomers, Motor Feeders, Capacitor Switches, Distribution Feeders, Metering (Current & or Voltage Transformer) Panels.

Experience

Whether you are an Electricity Utility, Industrial Manufacturing or processing company, you will demand the same reliability and safety from your switchgear.

We have supplied over 15,000 vacuum circuit breakers and panels to our valued customers throughout the world.

Our Switchgear is in service in Power Stations, Distribution Substations, Mobile Substations, Chemical Factories, Mines (Steel, Copper, Diamond, etc), Residential Buildings, Hospitals, Airports, Docks, Sewage Treatment Plants and Drilling Rigs.

Our client base includes a number of utilities and manufacturing companies. A detailed list is available on request.

Africa

Anglogold Ashanti GH Ltd - Africa
NFC Africa Mining - Africa
Escom Ltd - Malawi

Asia

China Light & Power – Hong Kong Utility
Public Utilities Board – Singapore Utility

Australasia

BHP – Australian Industrial
Bluescope Steel – Australian Industrial
Argyle Diamond Mines – Australian Industrial
Energy Australia – Australian Utility
Ergon Energy – Australian Utility
Country Energy – Australian Utility
ETSA – Australian Utility
Energex – Australian Utility
Integral Energy – Australian Utility
CitiPower – Australian Utility
Fonterra – New Zealand Industrial
Ports of Auckland – New Zealand Industrial
Vector Ltd – New Zealand Utility
Orion – New Zealand Utility
Powerco – New Zealand Utility
WEL Energy – New Zealand Utility

Middle East

BAPCO – Bahrain
Qatar Petroleum – Qatar
SEC – Saudi Arabia

United Kingdom

UK Atomic Energy Association – UK Industrial
Pfizer Ltd – UK Industrial
EDF - UK Utility
CE Electric – UK Utility



Products

LMVP 12kV Switchgear

Vertically isolated and horizontally withdrawable switchgear.

There are three current ratings of circuit breaker available, having ratings of 630/800 Amp, 1250 Amp and 2000/ 2500 Amp.

Maximum panel rating of 2500 Amps, busbar rating of 3000 Amps and fault rating of 31.5kA.

For more information please ask for our LMVP 12 kV Indoor Switchgear brochure.



LM Switchgear Spare Parts

RPS Switchgear stocks a comprehensive range of spare parts to support the product range. We still support the older Reyrolle LMT range of oil breakers and switchgear.



Contact us to discuss all your switchgear requirements.

www.rpsswitchgear.co.nz

Products

12kV Retrofit Vacuum Circuit Breakers

RPS Switchgear offers a retrofitting service to upgrade your "LM" type panels with the latest fully interchangeable LMVP vacuum circuit breaker.

This is possible because our latest products have the same critical dimensions as the original oil LMT circuit breakers that were first designed by Reyrolle in the UK in the 1960s.

Retrofitting has many advantages over replacing an existing LM switchboard:

- **Cost** Major financial savings are achievable.
- **Automation** You can upgrade to provide remote control and monitoring or high speed auto-reclose.

- **Health, Safety & Environmental** Elimination of oil or SF6.
- **Disruption** There is minimal disruption of supply.
- **Performance** Improved performance and reliability.
- **Ratings** Both current and fault level rating can be increased.

The RPS Switchgear retrofit solution provides a quality, cost effective alternative to increase the life of your existing switchgear with very little or no disruption of supply while the work is being carried out.

For more information please ask for our Retrofit Brochure.

RPS Switchgear Vacuum Circuit-Breaker Retrofit Option

Direct VCB exchange

(using existing Secondary Isolating Contacts)

Step 1

Remove existing Oil Circuit Breaker



LMT Type Oil Circuit Breaker

Step 2

Replace with new LMVP Circuit Breaker



LMVP Vacuum Circuit Breaker

LMVP VCB operation remains the same

- Push in
- Set the interlocks
- Raise the circuit breaker into position

LMT Type Oil Circuit Breaker

Services

Installation & Commissioning

RPS Switchgear offers a complete installation and commissioning service.

- Preparation of installation & test plans
- Complete switchgear installation to manufacturer's requirements
- High voltage pressure tests
- Millivolt drop (ducter) tests
- Secondary wiring insulation tests
- Full mechanical checks.
- Full functional tests on protection and control schemes.
- Primary and secondary injection tests on all current transformers, voltage transformers and protection relays.
- Complete set of test results of all work carried out during the commissioning process



Maintenance

RPS Switchgear has a wealth of experience with many types of switchgear. You can benefit from this experience through our service repair, preventative maintenance and scheduled maintenance programs that will be designed to meet your specific needs.



Services

Partial Discharge Monitoring

Using the latest PD testing equipment, our trained technicians can offer both online and offline PD testing on any type of switchgear.



Protection Upgrades

If system protection is a concern, then contact us for advice on your options.

Contact us to discuss all your switchgear requirements.

www.rpsswitchgear.co.nz

System Upgrades

To meet today's requirements in control and monitoring, RPS Switchgear can upgrade your equipment with instruments and PLC control systems from the world's leading suppliers.



Research And Development

RPS Switchgear have an aggressive and ambitious R&D program

We have made significant advancements with our 12kV Vacuum Circuit breaker technology and 12kV fixed pattern switchgear design. Our focus is now on new medium voltage product ranges.

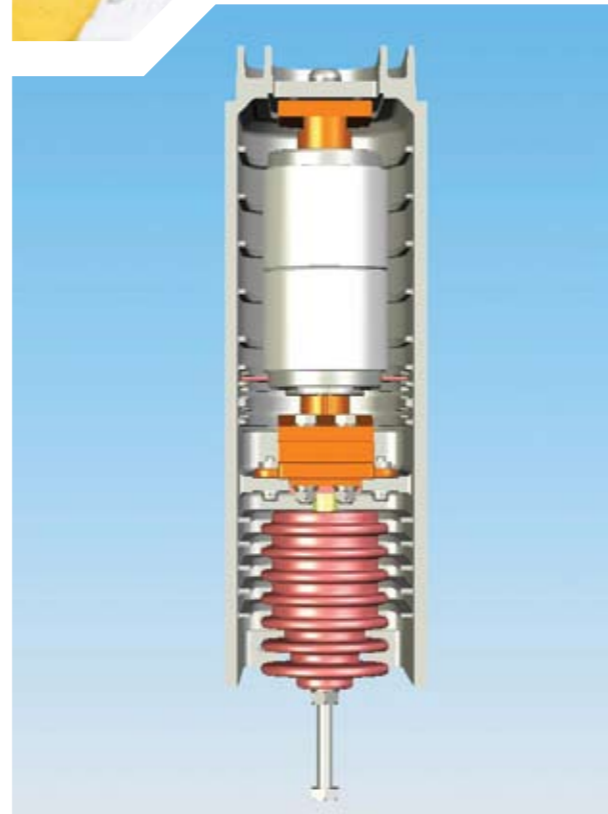
We are committed to an ongoing R&D programme and working with our customers to meet these needs of the industry:

Reliability

Low/No Maintenance

Economical

Compact



Group Affiliations

RPS Switchgear and Transformer Winding Services (TWS), of Christchurch, operate as a group. TWS is a major supplier of instrument transformers to RPS Switchgear. TWS is also a well recognised brand that supplies instrument transformers into the utility and industrial sectors of Australasia.

Compliance

ISO Quality Certificate



UVDB Certificate Registration



Compliance with relevant British, Australian, IEC and Chinese Standards



Contact Us

Contact us at your nearest RPS Switchgear office

Australasia

Wellington – New Zealand

RPS Switchgear Ltd
7-17 Bouverie Street
Petone
Private Bag 39811
Wellington Mail Centre
New Zealand
Tel: + 64 4 568 3499
Fax: + 64 4 569 9688
sales@rpsswitchgear.co.nz

Melbourne – Australia

RPS Switchgear Pty Ltd
Office 8 – 11,
2187 Princes Highway
Clayton, Victoria 3168
Australia
Tel: +61 3 8558 7200
Fax: +61 3 9548 4833
sales@rpsswitchgear.com.au

Brisbane – Australia

RPS Switchgear Pty Ltd
1/26 Argyle St
Albion 4010
Queensland
Australia
Tel: +61 7 3862 1499
Fax: +61 7 3862 3545
sales@rpsswitchgear.com.au

Europe & Middle East

Drumshanbo – Ireland

RPS Switchgear
3 Glen Ailinne
Drumshanbo
Co. Leitrim
Ireland
Tel/Fax: +353 71 964 0561
Mobile: +353 86 810 5788
sales@rpsswitchgear.co.uk

Africa

Walkerville – South Africa

RPS Switchgear
PO Box 1498
Walkerville 1876
South Africa
Tel/Fax: +27 11 949 1565
Mobile: +27 83 676 3988
sales@rpsswitchgear.co.za

Asia

Singapore

Houston Electric Co Pte Ltd
55 Toh Guan Road East
#06-01 Uni-Tech Centre
Singapore 608601
Phone: +65 689 912 33
Fax: +065 689 945 66
sharon@houston.com.sg
Mob: +65 966 946 17

