

PRESS RELEASE

2<sup>nd</sup> October 2018



## Cleat Manufacturer Secures Major Singapore Tunnel Contract

Leading manufacturer of cable glands and cable cleats, CMP Products, has secured a major contract to supply cable restraining 'cleats' to the multi-million dollar Singapore Tunnel Project.

Owned by Singapore Power Grid, (SPG) the project aims to future-proof the supply of electricity across Singapore for the next 120 years and will see approximately 130,000 bespoke cable cleats installed throughout several kilometres of underground tunnels.

CMP developed the cable cleats specifically for the Singapore Tunnel Project; carefully designing them to safely restrain the substantial 230kV and 400kV cables as they wind through the renewed transmission network.

In order to achieve this world's first design, the new cable cleats underwent stringent testing in the UK, Holland, Korea and then Singapore; and involved a 20-strong team of specialists from CMP in four different countries across the world.

The development of the cleats was further enhanced through the use of Finite Element Analysis (FEA). This allowed CMP to model the stresses on cable cleats under short circuit situations, allowing the product development team to make accurate predictions as to how the products will perform when installed.

All of this work was achieved in an incredibly short period of time, as CMP fought hard to demonstrate its state of the art capabilities and flexibility to meet stringent customer and safety requirements.

Vincent Patterson, CEO of CMP Products said:

*"Work on the Singapore Tunnel project demonstrates how rapidly CMP is capable of deploying our engineers, sales teams and product specialists to tackle very new, technical challenges to come up with a robust, practical solution."*

*"This is a major success for CMP as we continue to demonstrate our capabilities in the cable cleat market; and later this year we will move our cleat production line into a new facility that will see us develop this area of our business even further."*

The success in Singapore, adds to CMP's growing market share in the design and manufacture of cable cleats, including those supplied to rail major projects in Doha, Dubai and Brisbane.

**Ends.**

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**Notes to Editor**

**About CMP Products**

- Part of the highly-respected British Engines Group since 1957.
- Employs over 400 people across 10 offices globally, with products in 6 continents.
- Quality driven organisation, with ISO9001: 2015, ISO14001: 2004 and OHSAS18001: 2007 standards across the business.
- More than 100 products designed for a wide range of industries including hazardous, offshore, industrial and mining environments.
- Technical experts in cable gland and cable cleats
- CMP maintains its position as one of the market leaders through continuous improvement by investing in research and development (R&D).
- The company has its own in-house research and development laboratory which allows it to test and run trials on site.
- CMP is committed to high quality customer service and offers worldwide on-site and off-site training on installation of its products.

[www.cmp-products.com](http://www.cmp-products.com)

**About the Singapore Tunnel project**

- The Singapore Tunnel is owned by Singapore Power Group. SPG operates the country's grid network, ensuring that the 1.3 million industrial, commercial and residential customers benefit from a reliable electricity transmission and distribution system.
- The Singapore Tunnel system will span approximately 40 km and have capacity to accommodate 1,200km of high voltage cables, to support the demand for electricity in Singapore.
- Construction of cable tunnels the cable installation and replacement can be easily completed with minimal inconvenience to the public.
- The tunnels themselves are located 60m below Singapore
- [www.spgroup.com.sg/cable-tunnel/home.html](http://www.spgroup.com.sg/cable-tunnel/home.html)

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