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REGAL'S HIGH VOLTAGE MARATHON ELECTRIC MOTORS REPOWER AGING INDUSTRIAL PLANT INFRASTRUCTURE

Aging plant infrastructure is a recurring problem for many of Australia's long established process, manufacturing or resource operations.

The Marathon range of strong, durable and efficient electric motors available from Regal Australia comes in over 1,000 configurations with output ranges from 0.09kW to 6000kW.

Also available is a broad range of enclosures and accessories like blowers, brakes and encoders and an extensive engineering support team available to provide custom solutions.

At a prominent metalliferous process plant in Tasmania two of the original electric motors that powered the main exhaust gas stack in the plant were scheduled for replacement.

Regal Australia had been contracted to supply and commission two new Marathon 900kW, 3.3kV, 6 pole electric motors to replace the current units.

But the project took on an urgent note when the original motors both failed ahead of their planned replacement.

Regal Australia's SA/TAS State Manager George Spyrou explains that while it became an urgent task it was not quite as simple as simply bolting in place two new heavy duty motors as direct replacements.

"Our client's selection was for two Marathon motors manufactured by a subsidiary of our international parent company Regal Beloit.

"The Marathon motor footprint had design variances to the previous motors being replaced therefore slight modifications to the supporting platform were required.

"It is also worth noting that these are substantial electric motors that are some two metres in length each weighing over five tonnes so cranes were necessary to lift them into position.

"Our engineers were on standby to provide oversight of the installation however the Marathon motor design meant the onsite plant team was able to install the motors with minimal problems."

Mr Spyrou says that Regal Australia offers a large range of high voltage Marathon electric motors for new or replacement applications ranging up to 9MW together with an extensive range of engineered industrial products including associated variable speed drives, generators, gearboxes, brakes, couplings, clutches, winding wire, insulation materials and more.

Regal Australia's comprehensive range of products is supported throughout South East Asia and the Pacific by a network of company branches and agents.

Sales or service enquiries in the first instance can be directed to Regal Australia by calling 1300 888 853 or visiting www.regalaustralia.com.au



The two high voltage Marathon electric motors each weighing over five tonnes and rated at 900 kW have been installed to replace two fan motors in the exhaust gas stack that failed at a prominent metalliferous process plant in Tasmania.



HCM Series High Voltage and High Efficiency Three Phase Asynchronous Marathon Motors.

Regal Australia is the local subsidiary of a global company offering an extensive range of electro-mechanical, power transmission, speed control and air system equipment to meet the needs of all types of industries.