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Rheinmetall Defence Australia Media Brief

Rheinmetall collaborates with Milspec to develop high tech alternator for Land 400 Phase 2 contender BOXER CRV



***Above:** Neil Morrison, General Manager, Milspec Manufacturing, and Reiner Ley, Vice President Procurement, Tactical Vehicles, Rheinmetall Defence.*

Rheinmetall Defence Australia and Albury-based Milspec Manufacturing Pty Ltd are pleased to announce their collaboration on the development of a highly sophisticated alternator designed for military vehicles.

The alternator has been specially designed by the family-owned precision engineering company for Rheinmetall's BOXER Combat Reconnaissance Vehicle (CRV) after two years of design and product development.

This collaboration further underlines Rheinmetall's commitment to supporting Australian industry - not only for built to print components - but also across the development of high level components.

The battle proven BOXER CRV is also one of two contenders for the Australian LAND 400 Phase 2 program. If selected, BOXER CRV will provide the Australian Army with a combat proven, low risk capability that can be rapidly transitioned into service and easily supported through life.

Milspec has been among SMEs who have presented to Rheinmetall Defence Australia and BAE Systems Australia as part of the Land 400 Phase 2 national roadshow facilitated by the Commonwealth over the past five weeks.

Rheinmetall Defence Australia and New Zealand Managing Director Andrew Fletcher said the company was delighted to work with Milspec to increase the capability of the BOXER CRV.

“Milspec is a leading Australian producer of defence products that employs highly skilled engineers and exports its products globally,” Mr Fletcher said.

“Milspec’s collaboration with Rheinmetall will enhance the battle proven BOXER CRV and allow it to operate more effectively across the full spectrum of combat operations.”

Rheinmetall Defence Australia recently joined the Commonwealth of Australia’s Global Supply Chain program. Mr Fletcher said this meant Milspec’s alternator would be among products and services contemplated for export to Rheinmetall operations globally.

Milspec Manufacturing General Manager Neil Morrison said the company was pleased to have the opportunity to provide Rheinmetall with a vital part of the BOXER CRV and enable Rheinmetall to release space and weight from the vehicle.

“The alternator we have designed for the BOXER CRV provides a solution for modern military vehicles that rely on alternators to generate increasing volumes of power to meet the needs of modern C4I and other electrical systems,” Mr Morrison said.

“The Milspec 450 Water cooled permanent magnet alternator achieves this increased demand for power by providing up to 90% of its designed power output capability at vehicle idle speed.

“A secondary benefit of the Milspec 450 water-cooled unit is it is lighter and smaller than existing units on the market,” Mr Morrison said.

The product development relationship between Rheinmetall and Milspec builds on previous collaboration between the companies under the Land 1213B program. Rheinmetall MAN Military Vehicles Australia is delivering more than 2500 high performance logistics trucks to the Commonwealth under the program and Milspec is among key suppliers.

About Rheinmetall

Rheinmetall sets the global standard for excellence in a wide array of disciplines and offers an extensive array of military hardware that delivers mobility, lethality, survivability of troops, reconnaissance capability and networking of national and international systems.

Rheinmetall Defence Australia and New Zealand (RDANZ) is a subsidiary of Rheinmetall AG, with offices in Adelaide, Canberra, Melbourne and Brisbane.

For more information about Rheinmetall Defence visit: www.rheinmetall-defence.com

For more information about the BOXER CRV visit: www.boxercrv.com.au

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