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ASX Announcement

Successful Independent Ballistic Testing of Next-Generation Hard Armour Plates to Global NIJ Standard

Key Highlights:

- The first two XTclave lightweight armour plates have passed independent third-party, NIJ compliance testing.
- Now available for commercial sales in “tested in accordance with NIJ 1010.07” format.
- Very positive customer and end user interest in new, light weight, XTclave armour plates and solutions at Shot Show Las Vegas

HighCom Limited (ASX: HCL) (HighCom or the Company) is pleased to announce the successful independent ballistic testing of two next-generation, standalone, hard armour plates. These plates have reached a key milestone as HighCom advances its newest hard armour portfolio through its proprietary XTclave process and are now available for commercial sale as “tested in accordance with NIJ 1010.07” products. NIJ (National Institute of Justice) sets the industry standards for ballistic armour and has recently released the new NIJ 101.07 standard, to which new HighCom products will be certified.

HighCom Armor President, Mr. Ryan Edwards, said: “We are excited to get these plates through independent testing, to threat protection levels (RF1 and RF2). These 3rd-party lab results validate the unique HighCom design and the hard work of our R&D team and clearly demonstrate the growing commercial potential of our XTclave manufacturing process.”

The new plates deliver over 20% weight reduction compared to HighCom’s existing non-XTclave RF1 and RF2 product suites and have already captured market attention for next-generation, lightweight body armour. Built with advanced U.S.-manufactured ballistic fabrics, they provide lightweight, durable protection for law enforcement, military, and security-focused customers.

Both the RF1 and RF2 plates were produced in Columbus, Ohio, using HighCom’s proprietary XTclave technology – an advanced composite manufacturing platform that enhances consistency, control, and performance.

XTclave enables unique innovative geometry and material configurations. The manufacturing capabilities of the XTclave uniquely position HighCom for a broad array of defensive solutions, and the Company is well on track to release multiple new armour solutions in calendar year 2026.

HighCom Armor Director of Engineering, Dr. Stan Bovid, noted: “Client response at the recent Shot Show Convention in Las Vegas was strong, with people being impressed by the truly light-weight nature and shape-form capabilities of our new plates.”

HighCom Armor Solutions continues its long-standing commitment to deliver advanced armour systems for military, law enforcement, first responders, and government customers worldwide.

About HighCom Armor Solutions, Inc.

HighCom Armor Solutions, Inc. is a US-based manufacturer of advanced ballistic armour solutions for military, law enforcement, and security professionals. With decades of experience in ballistic solutions, and ceramic and composite armour systems, HighCom is committed to innovation, rigorous testing, and US domestic manufacturing excellence.

This ASX announcement has been authorised for release by the Board.

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About HighCom Limited

HighCom Group (ASX:HCL) is comprised of HighCom Limited (Australia), and its two distinct businesses – HighCom Armor and HighCom Technology.

HighCom Armor designs, manufactures, and supplies global military, law enforcement, and first responder customers with world-class, advanced personal protection ballistic products and solutions for Body Armour, Ballistic Helmets, and Composite Armour Panels & Platform Structures.

HighCom Technology supplies Australian Defence and Security Agencies with world-leading Small Uncrewed Aerial Systems (SUAS) and Sensor Payloads, and provides local Program, Project and Engineering Management, Systems Integration, Maintenance, Composite Repairs, and Logistics Support Services.

Learn more about HighCom: www.highcom.group