

Breakthrough in advanced hydrogen storage

In the United States, Quantum Technologies Inc. has successfully tested a high-performance prototype of a hydrogen storage cylinder designed for fuel cell vehicle applications. The TriShield hydrogen storage tanks are uniquely designed and manufactured with a one-piece permeation-resistant seamless liner, a high-performance carbon composite over-wrap, and a proprietary, tough, impact-resistant shell. The tank is designed to meet all applicable regulatory standards and OEM-specific validation tests.

The new tank was developed with the cooperation of Lawrence Livermore National Laboratories and ATK Thiokol Propulsion. The tank has established a performance record of 11.3 per cent hydrogen storage by weight at 350 Bar. *Contact: Dr. Andrew Weisberg, Lawrence Livermore National Laboratories, the United States. Tel: +1 (925) 4227 293; Or Mr. Andy Haaland, ATK Thiokol Propulsion, the United States. Tel: +1 (435) 8636 373.*

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