



Tekna receives PlasmaSonic Wind Tunnel order from leading aerospace OEM for hypersonic flight research

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(Arendal, Norway/Sherbrooke QC, Canada – 31 October) Tekna Holding ASA (Tekna, OSE: TEKNA), a world-leading provider of induction plasma technology and advanced manufacturing materials, has received an order in excess of \$9M CAD for a PlasmaSonic wind tunnel testing facility. Tekna's PlasmaSonic solutions are key to advancing the development of new thermal protection materials required for hypersonic flight and orbital re-entry vehicles.

"This is the third PlasmaSonic order within the past two years, confirming the growing interest for hypersonic and space travel and the rebound in the systems market. The equipment will be delivered in early 2024 and is a central piece to the customer's hypersonic wind tunnel ground testing infrastructure," said Luc Dionne, CEO of Tekna Holding ASA.

Tekna regularly supports the largest research laboratories and original equipment manufacturers (OEMs) worldwide to accelerate materials development and push the limits of hypersonic flight for aerospace and defense applications. The company has identified a potential CAD 220 million market of similar hypersonic wind tunnel material testing facilities.

"Hypersonic speed travel and atmospheric re-entry of space vehicles require overcoming high temperatures and pressures generated by the friction of gases that causes wear and tear on spacecraft heat shields. Tekna's Plasmasonic portfolio includes an array of automated induction plasma wind tunnels, with built-in instrumentation and robotics that are designed to replicate for hours high altitude (around 70 km) and high velocity (up to Mach 25) faced by a spacecraft during its re-entry into the atmosphere," said Romain Vert, Director for Global Systems Sales of Tekna Plasma Systems Inc.

This PlasmaSonic order will be booked as order intake in the Systems segment in the fourth quarter of 2022.

Disclosure regulation

This information is subject to the disclosure requirements pursuant to Section 5-12 of the Norwegian Securities Trading Act.

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About Tekna Holding ASA

Tekna is a world-leading provider of advanced materials to industry, headquartered in Sherbrooke, Canada.

Tekna produces high-purity metal powders for applications such as 3D printing in the aerospace, medical and automotive sectors, as well as optimized induction plasma systems for industrial research and production. With its unique, IP-protected plasma technology, the company is well positioned in the growing market for advanced nanomaterials within the electronics and batteries industries.

Building on 30 years of delivering excellence, Tekna is a global player recognized for its quality products and its commitment to its large base of multinational blue-chip customers. Tekna's powder products increase productivity and enable more efficient use of materials, thereby paving the way towards a more resilient supply chain.

Company website: www.tekna.com

LinkedIn: <https://www.linkedin.com/company/tekna-plasma/>

About Tekna's PlasmaSonic products

Tekna PlasmaSonic products are high enthalpy ground testing facilities used in experimental investigations of heat shield materials and thermal protection systems (TPS). The main purpose of this equipment is to reproduce the severe conditions of an object travelling at high velocity or during its re-entry into the atmosphere. A material sample can be tested under high enthalpy, high velocity, and high heat flux. Tekna manufactures integrated systems using three main plasma technologies specific to high enthalpy material testing facilities (Induction Plasma Heater, Huels Plasma Heater, Segmented Plasma Heater) and offers a high level of process integration and instrumentation.

More about Plasmasonic: <https://www.tekna.com/plasmasonic>

https://www.youtube.com/watch?v=IBuWToKwyCM&t=6s&ab_channel=Tekna

Attachments

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