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IONBOND - IHI GROUP Press Release

Ionbond UK Ltd receives Airbus AIPS certification for WC-C:H PVD coatings



Ionbond is pleased to announce that Airbus has certified the Consett coating center for the production of WC-C:H PVD coatings according to Airbus process specifications (AIPS 02-04-007). This certification will allow the experienced NADCAP and AS EN 9100 accredited facility in Consett to provide WC-C:H coatings, in addition to TiN (Titanium Nitride) coatings, which have been produced at the center for the Airbus supply chain for more than 15 years.

Ionbond has a strong track record as a supplier to Airbus and its subcontractors for many years through its coating centers in France (Lyon and Toulouse) the UK (Consett) and more recently from its center in Greensboro, USA.

Ionbond coatings are used widely within the aerospace industry in order to reduce wear, abrasion, galling and fretting. Typical parts include landing gear, flight control actuation, bearings and fasteners. Moreover, PVD coatings are increasingly used as an environmentally safe alternative to hard chromium plating and replacement for thicker coating technologies such as plasma spray.

Chris Constable, MD of Ionbond UK Ltd said: "This approval strengthens our aerospace coating offering and is a natural extension to the coating services that we already offer to Airbus and aerospace manufacturers, helping them to improve component performance and meet supply chain deadlines."

Ionbond UK Ltd offers coating services from two coating facilities in the UK (Consett and Mansfield) serving customers in the aerospace, decorative, medical and cutting and forming tool industries. Additional coating equipment capacity has been added to both centres in 2017 in order to meet increasing demand from all segments.

Ionbond is part of the Heat Treatment and Surface Engineering business unit of the IHI Group. The business unit is active in providing coating services (Ionbond) and heat treatment (IHI VTN) as well as providing equipment; CVD by Ionbond, PVD and PACVD by IHI Hauzer Techno Coating, and heat treatment equipment by IHI Machinery and Furnace Company.

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