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Virginia Beach Sensors and Piezocryst announce signing of a Cooperation Agreement

Virginia Beach Sensors LLC and Piezocryst Advanced Sensorics GmbH have entered into a cooperation agreement regarding high temperature thin film monitoring equipment and GaPO₄ resonators. The equipment is used for various coating processes in physical vapor deposition (PVD) or chemical vapor deposition (CVD) as for example sputtering, low pressure CVD (LPCVD), plasma enhanced CVD (PECVD), atmospheric pressure CVD (APCVD), atomic layer deposition (ALD), molecular beam epitaxy (MBE). The companies intend to promote very high temperature applications worldwide. VBS focuses on marketing and sales of thin film monitoring equipment for higher temperature (>200°C) coating processes. Piezocryst specializes in development and manufacturing of RESONATORS made of gallium phosphate (“GaPO₄”) and manufacturing of high performance sensors.

About Piezocryst Advanced Sensorics GmbH: Piezocryst is a fast growing technologically leading company for high performance piezoelectric sensors based in Graz, Austria. Piezocryst owns the single production site for gallium phosphate crystals worldwide, which is the enabling technology for sensors for harsh environments. Those sensors reliably operate at extreme pressures or highest temperatures and enable monitoring and investigation of combustion instabilities in gas engines, diesel engines, turbines or various demanding industrial applications.

About Virginia Beach Sensors: Virginia Beach Sensors LLC is a Nanotech Metrology company based in Virginia Beach, VA. The company develops and delivers new piezoelectric thin film thickness sensors, to the optical and electronic materials processing industries, with an emphasis on high temperature (100 to 1000° C) applications. The Company’s products also use enabling technologies and materials to bring the next generation of film thickness sensors to the MBE (molecular beam epitaxy), ALD (atomic layer deposition), OLED (organic LED) and CVD (chemical vapor deposition) processing markets.. www.virginiabeachsensors.com or www.thinfilmsensors.com

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