

FOR IMMEDIATE RELEASE

High Performance Tungsten for Semiconductor Applications

Ion Implant OEM and aftermarket design house provide feedback that Elmet's tungsten plate, developed for ion implant applications, lasts longer and exhibits a more uniform wear pattern than the competition.

LEWISTON, MAINE – JUNE 26, 2013 — Even the best designed components can fall flat or have a negative impact on equipment performance without the best performing materials. When a leading ion implant design house and an equipment OEM asked Elmet to develop and provide tungsten material for their ion implant components, Elmet's engineers were up to the task. According to customer feedback, Elmet's tungsten lasts longer and exhibits a more uniform wear pattern than competing products. This translates to better performance and lower maintenance costs for ion implant operators. One defining aspect of Elmet's tungsten material is that the material hardness is balanced for machinability – significantly reducing chips and pull-outs during processing – which makes our tungsten material ideal for precision machining operations and many other applications. Be sure to request Elmet tungsten or molybdenum as a starting material for your ion implant, electron beam, sputtering targets, or MOCVD component needs. Better yet, submit your design to be fully fabricated and machined by our experts. Stop by booth 432 at Semicon West or contact our customer service team for more information about our tungsten and molybdenum products and manufacturing capabilities.

About Elmet Technologies, Inc.

Established in 1929, Elmet is a global supplier of high performance materials with a specialization in Molybdenum and Tungsten. With 400,000 square-feet at three manufacturing sites in Maine, Georgia, and Chengdu, China, Elmet produces mill, machined, and fabricated products for semiconductor, sapphire growth, FPD manufacturing, medical imaging, and many other industries. Elmet is ISO 9001, ISO 14001, and AS9100 certified. More information about Elmet is available online at www.elmettechnologies.com.