



**PRESS CONTACTS:**

Melissa LoParco  
Account Executive  
Catalyst Marketing Communications, Inc.  
(203) 348-7541

Virginia Palmer-Skok  
Marketing Manager  
TÜVRheinland®  
(203) 426-0888

**TÜV RHEINLAND PTL PROVIDES WORLD'S FIRST IEC 62108 CERTIFICATE**

TEMPE, AZ/June 9, 2009 — Concentrating photovoltaic (CPV) systems promise to revolutionize the provision of cost-effective power generation from solar technologies. TÜV Rheinland® PTL, LLC has issued the world's first IEC 62108 certificate for this technology. The IEC 62108 standard specifies the criteria for the design qualification and type approval of concentrator photovoltaic modules and assemblies suitable for long-term operation in general open-air climates.

The test sequence to earn this certificate evaluates the electrical, mechanical, and thermal characteristics of the CPV modules and assemblies. In addition, the testing indicates that these modules and assemblies are capable of withstanding prolonged exposure in climates described in the scope.

The first-ever certification was awarded to California-based SolFocus, a leading developer of CPV systems. “We are proud to have been part of this first-ever CPV certification to IEC 62108,” said Dr. Govindasamy Tamizhmani, President of TÜV Rheinland PTL. “In meeting the stringent requirements of the Geneva-based standards body, this certification verifies that products introduced to the market are suitable for long-term operation in the field.”

The SolFocus CPV system was shown to meet all requirements of the IEC 62108 standard, which was designed to be universal, taking into account different environments and applications around the world.

In addition, TUV provided the relevant safety and approval testing for the control and tracker mechanics of the CPV system. “As one can appreciate, there is a wide variety of concentrating

photovoltaic technologies moving through the development path into the market today. Due to the high variety of system technology, we have to draw from a wide base of global experience to ensure a proper technical scheme for the technologies,” stated Richard Bozicevich, Vice President of Development for TÜV Rheinland PTL.

TUV PTL has experience when it comes to “first-ever” certifications. The lab issued the world’s first IEC 61646 certificate for cadmium telluride thin-film technology in 2003, as well as the first-ever IEC 61646 certificate for copper indium selenide thin-film technology in 2005.

### **About TÜV Rheinland PTL, LLC**

Based in Tempe, Arizona, TÜV Rheinland PTL, LLC (TUV PTL) is a leading provider of safety and performance testing, and market certification serving every sector of the photovoltaic marketplace, from the supply chain through installation. TUV PTL is a unique partnership between Arizona State University, an institution with more than 50 years of research on solar energy and extensive solar testing know-how, and TÜVRheinland<sup>®</sup>, a \$1.5 billion global provider of independent testing, assessment, and certification services. With an international network across six continents, TÜVRheinland<sup>®</sup> maintains the largest network of Solar Energy Laboratories worldwide, with five major laboratories on three continents. For more information, visit [www.tuvptl.com](http://www.tuvptl.com).

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