

Trade Press Release 商业通讯稿

Shanghai, China, May 02, 2013 上海, 中国, 5 月 XX 日, 2013

Heraeus to Attend SNEC 7th (2013) International Photovoltaic Power Generation Conference & Exhibition

贺利氏将参加2013年SNEC第七届国际太阳能产业及光伏工程展览会

- **Market introduction of SOL9610 Series, newest high efficiency front-side paste and other metallization pastes**

SOL9610系列的市场介绍, 最新的高效正面浆料以及其他金属化浆料

The Heraeus Photovoltaics Business Unit will be attending the SNEC 7th (2013) International Photovoltaic Power Generation Conference & Exhibition at May 14th to 16th, 2013. Heraeus will highlight several of its newest products, including the SOL9610 Series, front-side metallization paste, a series of N-Type pastes in development, two additional pastes for MWT and newly available back-side pastes from Heraeus.

贺利氏光伏事业部将参加于 2013 年 5 月 14 日至 5 月 16 日召开的 SNEC 第七届 (2013) 国际太阳能产业及光伏工程展览会。这次展会上, 贺利氏将重点展出公司旗下的几款最新产品: 其中包括 SOL9610 系列正面导电浆料、正在开发中的用于 N 型电池的导电浆料系列, 两款应用于 MWT 电池的浆料以及最新型背面浆料。

“Heraeus views the Asian market as critical to the success of the Photovoltaic Industry. We will continue to strengthen our capabilities through research and innovation, and develop products that improve cell efficiency and reduces cells’ cost per watt to support our customers’ and the industry’s growth” say Bill Gao, Business Unit Manager of the China Region. “SNEC is the largest exhibition for the PV industry. SNEC gives us the opportunity to meet with existing and new customer from China and from around the world to discuss our new products and learn how we can help make our customers successful.”

“贺利氏将亚洲市场视为我们在光伏产业成功的关键。我们将不断地研发与创新以加强自身实力, 通过开发新产品提高电池转换效率效率, 降低电池片的每瓦发电成本, 由此满足客户的需求以及行业的增长。”贺利氏中国区事业部经理高昌禄先生说到, “SNEC 是光伏产业最大的展会, 它给予我们一个接触来自中国和世界各地客户的良机。不仅包括贺利氏现有的客户群体, 也包含众多潜在客户。通过这一契机, 我们可以共同研讨贺利氏最新产品并了解如何帮助我们的客户获得成功。”

Heraeus will showcase several new products at this year’s SNEC. The SOL9610 Series is their newest front-side paste that provides higher efficiency and finer line resolution for conventional c-Si solar cells. For advanced cell designs, they will highlight two developmental pastes for N-Type cell designs that have demonstrated early success with customers. The combination of the Heraeus SOL9350 Series and SOL9300 Series for N-type cell designs has recorded efficiencies exceeding those of conventional solar cells. Heraeus will also exhibit two pastes for MWT cell design applications, which are having successful developmental trials. Both the Heraeus SOL150 Series and NS195, can be used for MWT applications, regardless whether there is a junction in the via or not. For back-side busbars, Heraeus will exhibit two new pastes to their product line:

NS2131, which has shown very high adhesion and performance for major cell manufacturers and NS2133.

在今年的 SNEC 展会上, 贺利氏将会推出一系列新型产品。SOL9610 系列是其最新款的正面浆料, 为传统晶硅 (c-Si) 太阳能电池提供更高效率及更细栅线印刷。针对高效电池片, 贺利氏将展示两个用于 N 型电池片的浆料系列: 。HL80-7096 系列和 CL80-9492 系列, 这二者相结合所致效率, 已远超传统工艺太阳能电池。贺利氏还将展出两款在实验中卓有成效, 专门针对 MWT 电池片所设计应用的浆料——HL80-7018 系列 和 NS195 系列, 无论有否孔内 PN 结设计, 都能用于 MWT 电池的设计。在背面浆料方面, 贺利氏会展出他们产品线上的两款最新浆料: 在各大电池片制造商中有极佳附着力和优良表现的 NS2131 以及另一款 NS2133。

To learn more about Heraeus' products and services for the photovoltaic industry, visit us at this year's SNEC 7th (2013) International Photovoltaic Power Generation Conference & Exhibition, in Shanghai China at Hall: W3 Booth: 560. You can also go to www.pvsilverpaste.com for more information.

要了解更多有关贺利氏光伏产品和服务的信息, 请前往我们今年设于第七届 SNEC (2013) 国际太阳能光伏展览会的展位咨询。地点是上海新国际博览中心, 展馆: W3, 展位: 560。同时, 您也可以登陆 www.pvsilverpaste.com 获取更多信息。

About the Heraeus Photovoltaics Business Unit **关于贺利氏光伏事业部**

The Heraeus Photovoltaics Business Unit is an industry leading developer and manufacturer of silver metallization pastes for the photovoltaic industry. For over 40 years, Heraeus has built a reputation of innovation, extensive research and new product development in thick film technologies for some of the most prominent companies within a variety of industries. In the field of photovoltaics, the Heraeus Photovoltaics Business Unit applies this history and its innovative technology to offer metallization pastes for solar cell applications. The Heraeus SOL Series of silver pastes is specially formulated to provide higher efficiencies and wider processing windows, resulting in better yields and higher output for cell manufacturers.

贺利氏光伏事业部是从事光伏导电银浆的技术领先开发者和制造商。40多年来, 贺利氏在厚膜技术创新、广泛研发和新产品开发方面颇有声誉。在光伏领域, 贺利氏光伏事业部继承其传统并应用创新技术, 为晶硅太阳能电池提供导电浆料产品。贺利氏专门设计的 SOL 系列银浆产品可以提高效率并提供更宽的工艺窗口, 从而使太阳能电池制造商提高产量和产能。

Heraeus, the precious metals and technology group headquartered in Hanau, Germany, is a global, private company with more than 160 years of tradition. Our fields of competence include precious metals, materials, and technologies, sensors, biomaterials, and medical products, as well as dental products, quartz glass, and specialty light sources. With product revenues of €4.8 billion and precious metal trading revenues of €21.3 billion, as well as more than 13,300 employees in over 120 subsidiaries worldwide, Heraeus holds a leading position in its global markets.

贺利氏总部位于德国哈瑙, 是一家私有控股、全球运作的集团企业, 在贵金属和技术领域拥有 160 多年的历史。我们的竞争领域包括太阳能行业用创新材料、贵金属、材料、技术、传感器、生物材料和医疗产品以及牙科产品、石英玻璃和特种光源。贺利氏是全球市场的领导者, 在世界各地拥有 120 多家子公司和超过 13,300 名员工; 产品年销售额达 48 亿欧元, 贵金属贸易额达 213 亿欧元。

For additional information, please contact:

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