

FOR IMMEDIATE NEWS RELEASE

Moser Baer emerges as the 1st solar PV manufacturing company globally to be accredited with ‘Green Leaf Mark’ certification by Intertek AB Semco

- Simultaneously launched Green Leaf certified solar modules in Germany, UK, France, Japan and India
- The company is introducing ‘Lead free’ solar PV modules as part of its Max Series offering
- The modules are in compliance with RoHS directive - 2002/95/EC and are specifically designed to further reduce the carbon footprint of solar installations

New Delhi, 23 Nov 2011: India’s premier solar PV cells and modules manufacturer, **Moser Baer Solar Limited (MBSL)**, a subsidiary of Moser Baer India Limited has been awarded ‘Green leaf’ Mark by Intertek AB Semco, Germany for its latest Max Series ‘Lead free’ solar PV modules. Intertek's **Green Leaf Mark** certifies that this product has been **independently tested** and found to **conform to the multiple existing environmental regulations**, such as RoHS laws, REACH and Eco Design. With this MBSL has been accorded the rights to display the prestigious ‘Green Leaf’ mark on product packaging, at point of purchase in displays, product advertising and literature to highlight its superior environmental credentials.

These ‘Green Leaf’ compliant solar PV modules adhere to the EU RoHS and WEEE * regulations and will help its customers accrue multiple benefits in future.

Talking about this environment friendly and carbon reducing Green Leaf certified modules, **Vivek Chaturvedi, Chief Marketing Officer, MBSL**, said: “We are now focussing on making our modules cleaner by removing ingredients that have polluting elements in it. Significantly, we are also working on making them leaner in the next 8-12 weeks to cater to burgeoning solar market.” He further added, “We stay committed to a simultaneous launch of products world-wide to cater to the environment conscious burgeoning markets.”

Emphasizing on the initiative, he elaborated that lead free Solar PV modules can be easily disposed off after their life span of 20-25 years thereby, protecting human health and the environment from ill effects of lead poisoning. Even though most of the

solar farms are commissioned on barren land, a Green leaf certified farm will prevent any land contamination.

What does RoHS (Restriction on the use of certain Hazardous Substances) imply

The EU RoHS Directive 2002/95/EC restricts the use of six environmentally hazardous substances namely Lead (Pb), Mercury (Hg), Cadmium (Cd), hexavalent Chromium (Cr⁶), Polybrominated Biphenyls (PBB) and Polybrominated Diphenyl ether (PBDE) in following product categories like a) Household appliances b) IT and telecommunication equipment c) consumer equipment d) lighting equipment e) electrical and electronic equipment f) toys, leisure and sports equipment g) automatic dispensers etc

WEEE: European Union's Waste Electronics and Electrical Equipment Directive (WEEE 2002/96/EC) placed the obligation of recycling (including collection, treatment, and environmentally friendly disposal) of electrical and electronic equipment (EEE) products upon manufacturers. The goal is to reduce electronic waste, protecting human health and the environment from hazardous substances. Failure to comply with the WEEE Directive places these manufacturers at risk for prosecution and inability to place their products in the EU market.

REACH: REACH is the European Community Regulation on chemicals and their safe use (EC 1907/2006). It deals with the Registration, Evaluation, Authorisation and Restriction of Chemical substances. The law entered into force on 1 June 2007. The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. At the same time, REACH aims to enhance innovation and competitiveness of the EU chemicals industry. The benefits of the REACH system will come gradually, as more and more substances are phased into REACH.

Eco Design: Ecodesign aims at reducing the environmental impact of products, including the energy consumption throughout their entire life cycle.

About Intertek: Intertek is the industry leader for certifying quality, environmental, safety and social accountability standards of products world-wide. They hold

extensive global accreditations, recognitions, and agreements and reputed to be the premier certifying agency.

For further information please use <http://www.intertek.com/about/>

About Moser Baer Solar Ltd.:

Moser Baer Solar Ltd. (MBSL) and Moser Baer Photovoltaic are subsidiaries of Moser Baer India Limited. These entities were launched between 2005 and 2007 to manufacture world-class solar modules and provide EPC solutions for effective deployment of PV Systems. Modules for crystalline silicon and amorphous silicon (thin film) are manufactured using premium quality materials and cutting edge technology for residential, commercial, industrial & custom applications for both on-grid and off-grid use. The PV Systems business has rapidly grown to a market leadership position in solar farms, roof-tops and off-grid applications in India. The business strategy is to straddle multiple technology platforms and to drive scale in a cost effective manner. The strong commitment to R&D and innovation has resulted in manufacturing of cutting edge PV cells and modules that meets the international standards including UL, IEC, ETL, CE. MBSL has been conferred with the prestigious “5 Star Rating” certificate by TÜV Rheinland for maintaining highest standards of quality in manufacturing for consecutive second year.

For further information please contact

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Certificate



Intertek

Intertek RoHS

Product Certification Scheme


Reference No. 1117677

Solar Panel

Type designation	MBSL eco 2X, MBSL eco 3X
Certificate holder	Moserbaer Solar Ltd. 66-B, Udyog Vihar, Greater Noida Gautam Budh Nagar Uttar Pradesh 201306 INDIA
Certified according to	<i>Prescribed requirements of the Intertek RoHS Product Certification Scheme including documentation review and product testing of a selective portion of the documents and materials as well as factory surveillance of the manufacturing site.</i>
Expiry date	5 July 2016

If as a result of changes to European Union legislation or significant changes to Intertek RoHS Product Certification Scheme, Intertek Semko has the right to alter the validity of the certificate.

Additional information in Appendix.

Certification Body	Intertek Semko AB, Product Certification	Place	Kista - Stockholm
Signed	 Per Brändström	Date	5 July 2011 Page 1 of 2

This certificate is issued in accordance with the terms and conditions set out in the Appendix.

Purpose:

Limit the amount of restricted substances in products placed on the European market

<u>Substance</u>	<u>Maximum Concentration Value</u>
Lead (Pb)	< 1000 ppm (0.1%)
Mercury (Hg)	< 1000 ppm (0.1%)
Cadmium (Cd)	< 100 ppm (0.01%)
Hexavalent chromium (Cr ⁶⁺)	< 1000 ppm (0.1%)
Polybrominated biphenyls (PBBs)	< 1000 ppm (0.1%)
Polybrominated diphenyl ethers (PBDEs)	< 1000 ppm (0.1%)

- Above limits **applicable to "Homogeneous Material"** which means a material that is of uniform composition throughout and cannot be mechanically disjointed into different materials. **Thus not on the basis of a component!**
- Adopted under EU Directive 2005/95/EC, an amendments of 2002/95/EC