



TÜV Rheinland's Photovoltaic Testing Laboratory recognized by Bureau of Indian Standards

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TÜV Rheinland, a global leader in independent technical services, announced that its photovoltaic testing lab located in Bangalore, India, has been recognized by the major certification body Bureau of Indian Standards (BIS) under the Compulsory Registration Scheme (CRS) to conduct testing of power converters and interconnected PV inverters.

The BIS recognition enables PV manufactures to comply with BIS CRS requirements and per the order, Solar Photovoltaics, Systems, Devices, and Components Goods (Requirements for Compulsory Registration) Order, 2017 to introduce safer products to consumers in India.

Manufacturers of power converters and interconnected PV inverters, modules and batteries are required to apply for registration from BIS after getting their product tested from a BIS-recognized lab. BIS registers manufacturers under its CRS and then allows them to declare that their products conform to Indian Standards.

“Safer products to the consumers in India”

Commenting on the achievement, Thomas Fuhrmann,

Managing Director of TÜV Rheinland India said: “As a global testing, inspection, certification provider, we support the cause of safer products to the consumers in India. We are proud to be associated with BIS and help them in their objective to provide safe, reliable and quality goods, thereby minimizing health hazards to the consumers. TÜV Rheinland’s state-of-the-art Photovoltaic Laboratory in Bangalore is well equipped to test power converters and interconnected PV inverters as per CRS. Our lab in Bangalore has the capacity to test equipment with a rating of up to 100 kW for BIS registration. We have the infrastructure and the required competencies to support local as well as international manufacturers to introduce their products in the Indian markets.”

“Our laboratories have cutting edge testing equipment to test products accurately in accordance with the BIS Compulsory Registration Scheme. Power converters and interconnected PV inverters are tested according to IS 16221, and for safety requirements according to IS 161692. Evaluations include criteria such as electrical, mechanical and fire safety requirements,” said Mr. Kamalaksha C S, Assistant General Manager Products of TÜV Rheinland in India. “TÜV Rheinland is dedicated to supporting the Indian government’s successful and rapidly growing compliance scheme in India. We have steadily expanded our testing infrastructure that operates 24/7 to cater to multiple projects from local as well as international manufacturers.”

Besides testing products against BIS requirements, TÜV Rheinland’s solar team in India is active as Independent Engineering and Technical Advisor for PV investors and developers and helps to secure quality through its Supply Chain Services for EPCs. Other services include solar pump testing, solar street light testing, and inverter qualification.

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TÜV Rheinland is a global leader in independent inspection services, founded nearly 150 years ago. The group maintains a worldwide presence of more than 20,000 people; annual turnover is EUR 2 billion. The independent experts stand for quality and safety for people, technology and the environment in nearly all aspects of life. TÜV Rheinland inspects technical equipment, products and services, oversees projects, and helps to shape processes and information security for companies. Its experts train people in a wide range of careers and industries. To this end, TÜV Rheinland employs a global network of approved labs, testing and education centers. Since 2006, TÜV Rheinland has been a member of the United Nations Global Compact to promote sustainability and combat corruption.

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