

# Certificate

Registration No.: Q 60011903

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Report No.: 21203573

**License Holder:**

**Mitsubishi Heavy Industries Ltd.**

6-53 Tsukuba-cho  
854-0065 Isahaya  
Japan

**Product:**

**PV Modules**

Types: MA100T1; MA100T1S; MA100T2;  
MA105T1; MA105T1S; MA105T2

**Manufacturing Plant:**

**Mitsubishi Heavy Industries Ltd.**

Nagasaki Shipyard & Machinery Works  
6-53, Tsukuba-Machi  
854-0065 Isahaya  
Japan

**Basis:**

- IEC 61646: 11.1996**  
"Thin-film terrestrial photovoltaic (PV)  
modules - Design qualification and type  
approval"
- Factory Inspection**  
To document the consistent quality of  
the product factory inspections are  
performed periodically.



- Qualified, IEC 61646
- Safety tested,  
TUV-Spec 931/2.572.9
- Periodic Inspection

**Remarks:**

1. This certificate replaces certificates no. Q 60004846 and Q 60007080
2. The details of the factory inspection are documented in report no. 21203364

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate has a validity of 5 years counting from date of issue.**



*F. Gossen*

Dr. F. Gossen

Cologne, 21 June 2005