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BayWa r.e. Solar Energy Systems GmbH
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**Declaration
- 21244159 -**

Customer: BayWa r.e. Solar Energy Systems GmbH
Eisenbahnstraße 150
72072 Tübingen
Germany

Product: PV-Mounting system
Typ: novotegra

- for corrugated and sandwich roof– top-fix roof parallel
- for seamed metal roof
- for tile roof – top-fix
- for trapezoidal metal roof – roof parallel
- for flat roof closed II / east-west II

The above listed PV mounting systems have passed the tests according to IEC 61730-2: 2016 MST13, UL 2703 section 13 and section 22, IEC 61701: 2011, IEC 60068-2-52: 1996 and IEC 60060-1: 2010 according to the respective test requirements (Test plan see page 2). It is confirmed that the mounting system components, as well as the trapezoidal sheet metal covering in case of direct fastening, fulfill the requirement after preconditioning by salt spray test and the current pulse test for equipotential bonding and the lightning current carrying capacity according to the listed standards.

Businessfield Solar

i. V.

i. A.

Dipl.-Ing. L. Jakisch

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Appendix: Basics
Test plan

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Geschäftsführung
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Amtsgericht Köln HRB 56171

Basics

IEC 61730:2016	Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing: Continuity of equipotential bonding MST13
UL 2703	Outline of investigation for mounting systems, mounting devices, clamping/retention devices and grounding lugs for use with flat plate photovoltaic modules and panels: Performance: section 13 bonding path resistance test and section 22 bonding conductor test
IEC 61701:2011	Salt mist corrosion testing of photovoltaic (PV) modules
IEC 60068-2-52:1996	Environmental testing Parts 2: Tests: Salt mist, cyclic
IEC 60060-1:2010	High-voltage test techniques – Part 1: General definitions and test requirements

Test plan

