

Factory Inspection Certificate

Registration No.: AK 60041019

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Report No.: 21172774.001

License Holder:

Emmvee Toughened Glass
and Photovoltaics Pvt Ltd.
Solar Tower #55, 6th Main
11th Cross, Lakshmaiah Block
Ganganagar, Bangalore - 560 024
India

Product:

PV Module

Type:

Type 1 ES xxx P60 (190 - 245W in 5W increments)
Type 7 ES xxx P48 (150 - 200W in 5W increments)
Type 8 ES xxx M60 (200 - 250W in 5W increments)
Type 9 ES xxx M48 (180 - 210W in 5W increments)
Type 14 ES xxx M60 (225 - 250W in 5W increments)
Type 15 ES xxx M48 (180 - 200W in 5W increments)
Type 16 ES xxx P72 (275 - 295W in 5W increments)

Manufacturing Plant:

Emmvee Toughened Glass
and Photovoltaics Pvt Ltd.
13/1, Bellary Road (NH7)
Sonnappanahalli, Bettahalasur Post,
Bangalore 562157
India

The manufacturing plant is under a periodic factory surveillance programme in the frame of TÜV Rheinland type approval certification according to IEC 61215:2005 and IEC 61730:2004.

These main production steps are taking place in the above listed plant:

- Cell stringing and connection of strings
- Assembly / Lamination
- Electrical tests

The cell component

- solar cell

is produced in the manufacturing plant located in the European Union as listed attached.

Remarks:

Further information can be found in the attachment of the factory inspection certificate.
This certificate replaces certificate AK 60040839.

Certification body



Cologne, 14 September 2011

Dipl.-Ing. M. Adrian

Annex to Factory Inspection Certificate

Registration No.: AK 60041019

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Licence Holder: Emmvee Toughened Glass
and Photovoltaics Pvt Ltd.
"Solar Tower" #55, 6th main
11th Cross, Lakshmaiah Block
Ganganagar, Bangalore – 560 024
India

Manufacturing Plant (PV modules):
Emmvee Toughened Glass
and Photovoltaics Pvt Ltd.
13/1, bellary Road (NH7)
Sonnappanahalli, Bettahalasur
Bangalore – 562 157
India

Certificates: Registration no.
PV 60027985, PV 60027986 (valid until 07 December 2014)
PV 60034542, PV 60034543 (valid until 04 October 2015)

The above listed plant is traceable by an identification code on the type label.

Explanation of Identification code:

Type 14: ES245M60 (example Type designation)

Type xx: identification of cell type

Type 14, Type 15: Bosch M 3BB,
Type 1, Type 7, Type 16: Q-Cells 6LTT3,
Type 8, Type 9: Q-Cells 6LMX3

ES – Manufacturer EMMVEE Solar, Bangalore
245 – Nominal Power in Wp
M – Type of cell, (M-mono, P-poly-crystalline)
60 – Number of cells

It is declared that the above mentioned manufacturing plant in India only uses solar cells from the following production site in the European Union:

Manufacturing Plant (Solar cells):
Bosch Solar Energy AG
Robert-Bosch-Str.1
99310 Arnstadt, Germany

The details of the factory inspection are documented in report no. 21172755.001.

Manufacturing Plant (Solar cells):
Q-Cells SE, OT Thalheim
Sonnentallee 17-21
06766 Bittelfeld Wolfen, Germany

The details of the factory inspection are documented in report no. 21172835.001.



Certification body
Dipl.-Ing. M. Adrian

Cologne, 14 September 2011