

Certification of Conformity to IEC 61724-1:2017

M.B. Control & Systems Private Limited
31/1 Ahiripukur Road
Kolkata – 700 019
West Bengal, India

Declares under our sole responsibility that the product:

MBMet-700 Series Soiling Monitoring Stations

Satisfies the requirements of Soiling Monitoring Systems set in Section 7.3.4 of IEC-61724-1:2017.

Section 7.3.4.5 outlines the measurement method below – which is followed by The MBMet-700 Series of Soiling Monitoring Stations.

7.3.4.5 Measurement method 2 – short-circuit current reduction due to soiling

Perform the measurement as follows:

- Measure the short-circuit current and temperature of the clean device.
- Measure the short-circuit current and temperature of the soiled device.
- Calculate the effective irradiance from the values measured in a), using the calibration values determined in 7.3.4.3 b).
- Calculate the expected short-circuit current of the soiled device at the irradiance determined in c) and the temperature measured in b), using the calibration values determined in 7.3.4.3 c).
- Calculate the soiling ratio SR by dividing the soiled device short-circuit current measured in b) by its expected short-circuit current calculated in d).



Vaibhav Agarwal
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M.B. Control & Systems Pvt. Ltd.
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