

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-IS-12007-02-01 according to DIN EN ISO/IEC 17020:2012

**Valid from: 30.07.2019**

Date of issue: 30.07.2019

Holder of certificate:

**TÜV NORD CERT GmbH**  
**Langemarckstraße 20, 45141 Essen**

for its inspection body Type A

Inspections in the fields:

**Inspection of electrical characteristics and performance data of operational photovoltaic systems, energy storage devices and their components and determination of their conformity with certain and - based on professional judgment - with general requirements**

**Inspections according to:**

I01-VA-002 2018-06	Inspection and Project Certification according to IEC 62446-1 (inspection only)
I01-VA-006 2018-06	Inspection and Project Certification according to IEC TS 63049 (inspection only)
I01.1-VA-001 2018-06	Inspection and Certification Procedure according to IEC TS 62941 (inspection only)
I01-VA-003 2018-06	Procedure of Inspection and Project Certification according to IEC 61724-1 (inspection only)

**This document is a translation. The definitive version is the original German annex to the accreditation certificate.**

Abbreviations used: see last page

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.  
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

**Based on the following requirement documents, evaluation and basic test standards:**

IEC 61724-1 2017-03	Photovoltaic system performance - Part 1: Monitoring (without paragraph 7.3.3, 7.3.4 and 7.4)
IEC 62446-1 2016-01 +AMD1 2018-08	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection
IEC TS 62446-3 2017-06	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 3: Photovoltaic modules and plants - Outdoor infrared thermography
IEC TS 62941 2016-01	Terrestrial photovoltaic (PV) modules - Guidelines for increased confidence in PV module design qualification and type approval
IEC TS 63049 2017-09	Terrestrial photovoltaic (PV) systems - Guidelines for effective quality assurance in PV systems installation, operation and maintenance
IEC 62933-2-1 2017-12	Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification

**Abbreviations used:**

I01-VA          inspection-procedure of TÜV NORD CERT GmbH

**-Translation-**