Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-IS-20152-01-00 according to DIN EN ISO/IEC 17020:2012

Valid from: **30.09.2022**

Date of issue: 30.09.2022

Holder of accreditation certificate:

8.2 Obst & Hamm GmbH
Brandstwiete 4, 20457 Hamburg

The inspection body Type A meets the minimal requirements of DIN EN ISO/IEC 17020:2012 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed below.
The management system requirements of DIN EN ISO/IEC 17020 are written in the language relevant to the operations of inspection bodies and confirm generally with the principles of DIN EN ISO 9001.

Inspections of photovoltaic systems with a nominal power of more than 250 KWp and wind turbines by judging and establishing the conformity with specific and – on the basis on a professional judgement - with general requirements

Inspections to:

AA Technische Due Diligence PV 2016-06	Operating Procedure Technical Due Diligence PV
AA Technische Prüfung Gründung, Turm und Maschine einer Windenergieanlage 2016-07	Operating Procedure Technical Inspection Foundation, Tower and Machine of a Wind Turbine Generator

in conjunction with the following requirements documents, evaluation and basic testing standards:

1. Technical Due Diligence of PV-Units

DIN EN 62446-1 2016-12	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection *(withdrawn standard)*
DIN EN 62446-1 2019-04	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection
DIN EN 61730-1 2018-10	Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction
DIN EN 62109-1 2011-04 Corrigendum 1 2011-08 Corrigendum 2 2013-09	Safety of power converters for use in photovoltaic power systems - Part 1: General requirements
DIN EN 62305-3 Supplement 5 2014-02	Protection against lightning - Part 3: Physical damage to structures and life hazard - Supplement 5: Lightning and overvoltage protection for photovoltaic power supply systems

2. Technical inspection foundation, tower and machine of a wind turbine

BWE Sachverständigenbeirat 2012	Guidelines for „Periodic Inspections of Wind Turbines“
BWE Sachverständigenbeirat 2007-09	Guidelines for Inspections regarding state of maintenance of wind turbines
Deutsches Institut für Bautechnik (DIBt) 2012-10	Directive for Wind Turbines - Actions on and Stability Analyses for Tower and Foundation Section 15: Periodic Inspections
DIN EN 50308 2014-03	Wind turbines - Protective measures - Requirements for design, operation and maintenance
FGW TR7 2014-01	Technical Guidelines for Power Generation Units Operation and maintenance of power plants for renewable energy

Abbreviations used:

AA…	Inspection program of 8.2 Obst & Ziehmann GmbH
PV	Photovoltaics
BWE	German Wind Energy Association
FGW	Federation of German Windpower and other Renewable Energies
DIBt	German Institute for Civil Engineering