Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 324**

of **TNO (KvK-nummer 27376655)**
Energie Transitie, Wind Energie

This annex is valid from: **19-06-2024** to **01-08-2026** Replaces annex dated: **16-02-2023**

Location(s) where activities are performed under accreditation

Head Office

Westerduinweg 3
1755 LE
Petten
The Netherlands

Location	Abbreviation/ location code
Westerduinweg 3 1755 LE Petten The Netherlands	PE (For storage, maintenance and preparation of measurement systems)
ECN Windturbine Testveld Wieringermeer (EWTW) Schervenweg 35a 1771 RT Wieringerwerf The Netherlands	WI
On Site	OS

No.	Material or product	Type of activity[1]	Internal reference number	Location
1.	Wind turbine	Determination of performance characteristics: - Power curve - Annual energy production - Power coefficient	TNO Wind Energy work instruction PV-510 - IEC 61400-12-1 - MEASNET Power performance measurement procedure - FGW TR2, FGW TR5 - NPC/NTF IEC 61400-12-2	WI OS
2.	Wind turbine	Determination of mechanical loads: strains, accelerations, moments and fatigue	TNO Wind Energy work instruction LD-600 IEC 61400-13	WI OS

This annex has been approved by the Board of the Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

[1] If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on RvA-BR010-lijst.
If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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No.	Material or product	Type of activity[1]	Internal reference number	Location
3.	Wind conditions for wind turbines and wind farms	Determination of meteorological parameters: wind speed, wind direction, temperature, air pressure and relative humidity	TNO Wind Energy work instruction MM-710 IEC 61400-50-1	WI OS
4.	Remote Sensing Devices (ground-based or windturbine nacelle-mounted)	Verification of a Ground Based RSD or wind turbine nacelle mounted RSD by comparing the measurements (wind speed / wind direction) of this RSD device with data collected simultaneously and in the same place from a reference measurement system (IEC compliant meteorological mast)	TNO Wind Energy work instruction RSD-400 IEC 61400-50-2	WI OS
5.	Floating Lidar Systemen (FLS)	Verification of a Floating LiDaR system (FLS) by comparing the measurements (wind speed / wind direction) of this FLS system with data collected simultaneously and at the same location from a reference measurement system (IEC compliant meteorological mast or fixed LiDaR)	TNO Wind Energy work instruction FLS-502 IEC 61400-50-2 & IEA Recommended Practice 18 (Floating LiDAR Systems)	WI OS