

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17025:2017
 Registration number: **K 179**

of **Hukseflux Thermal Sensors B.V.**

This annex is valid from: **15-08-2024** to **01-10-2028**

Replaces annex dated: **17-09-2020**

Location(s) where activities are performed under accreditation

Head Office

Delftechpark 31
 2628 XJ
 Delft
 The Netherlands

Location	Abbreviation/ location code
Delftechpark 31 2628 XJ Delft Nederland	DFT

HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
OQ 0 0	Optical quantities				
OQ 1 1	Radiometric properties				DFT
OQ 1 1	Sensitivity to hemispherical solar radiation, solar irradiance	$(5 - 50) \cdot 10^{-6} \text{ V}/(\text{W}/\text{m}^2)$	1.06 % of reading	Indoor calibration Spectrally flat pyranometer as defined in ISO 9060 Hukseflux Solar Radiation Calibration, ISO 9847: type A1 (2)	

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

J.A.W.M. de Haas

¹ Calibration and Measurement Capability (CMC): Demonstrated measurement uncertainty, with coverage probability of 95%, in a given measurement point or measurement range. Measurement uncertainty, *U*, is calculated according to EA-4/02 "Evaluation of the Uncertainty of Measurement in Calibration".

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HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
OQ 1 1	Sensitivity to direct solar radiation, solar irradiance	$(7 - 50) \cdot 10^{-6} \text{ V}/(\text{W}/\text{m}^2)$	0.82 % of reading	Indoor calibration spectrally flat pyrheliometer as defined in ISO 9060 Inhouse method: Hukseflux Direct Radiation Calibration (3)	

(2) 20 °C, normal incidence solar radiation, horizontal mounting, irradiance level 1000 W/m²

(3) 20 °C, horizontal mounting, irradiance level 1000 W/m²