International Standard

ISO 9059

Solar energy — Calibration of pyrheliometers by comparison to a reference pyrheliometer

Énergie solaire — Étalonnage des pyrhéliomètres par comparaison à un pyrhéliomètre de référence

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Contents

Page

Foreword

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This document was prepared by Technical Committee ISO/TC 180, *Solar energy*, Sub-Committee SC 1, *Climate – Measurement and data*.

This second edition cancels and replaces the first edition (ISO 9059:1990) which has been technically revised.

The main changes are as follows:

— focus on current calibration practices;

— adapted recommendations for mathematical treatment of data;

— revised terminology in line with ISO 9060, ISO 9488, ISO Guide 99 and BIPM VIM[2];

— added comments on uncertainty evaluation of the calibration with reference to ASTM G213[3] and ISO/IEC GUIDE 98-3.

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