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S.R. CEN/TS 15149-3:2006

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SOLID BIOFUELS - METHODS FOR THE DETERMINATION OF PARTICLE SIZE DISTRIBUTION - PART 3: ROTARY SCREEN METHOD

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TECHNICAL SPECIFICATION

SPÉCIFICATION TECHNIQUE

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CEN/TS 15149-3

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English Version

Solid biofuels - Methods for the determination of particle size distribution - Part 3: Rotary screen method

Combustibles solides - Méthode de détermination de la granularité - Partie 3 : Méthode au tamis rotatif

Feste Biobrennstoffe - Verfahren zur Bestimmung der Teilchengrößenverteilung - Teil 3: Verfahren mit rotierendem Sieb

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Foreword

This Technical Specification (CEN/TS 15149-3:2006) has been prepared by Technical Committee CEN/TC 335 “Solid Biofuels”, the secretariat of which is held by SIS.

CEN/TS 15149 consists of the following parts under the general title *Solid biofuels - Methods for the determination of particle size distribution*:

Part 1: Oscillating screen method using sieve apertures of 3,15 mm and above

Part 2: Vibrating screen method using sieve apertures of 3,15 mm and below

Part 3: Rotary screen method

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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Introduction

Part 1 describes the reference method for size classification of samples with a nominal top size of 3,15 mm and over.

Part 2 describes the reference methods for all samples with a nominal top size below 3,15 mm.

Part 3 describes an innovative method, by which the degree of overestimating the fine particle fractions is reduced. As it is currently not generally available, it is here proposed, for research and development purposes or for individual quality management processes, thatthe quality requirements are bilaterally defined between the suppliers and consumers based on this method.

NOTE The nominal top size is defined as the aperture size of the sieve where at least 95 % by mass of the material passes (see bibliography)

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