



National Standards Authority of Ireland

IRISH STANDARD

I.S. CEN/TS 15405:2006

ICS 75.160.10

**SOLID RECOVERED FUELS - METHODS FOR
THE DETERMINATION OF DENSITY OF
PELLETS AND BRIQUETTES**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
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October 2006

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English Version

**Solid recovered fuels - Methods for the determination of density
of pellets and briquettes**

Combustibles solides de récupération - Méthodes pour la
détermination de la densité des granulés et des briquettes

Feste Sekundärbrennstoffe - Verfahren zur Bestimmung
der Dichte von Pellets und Briketts

This Technical Specification (CEN/TS) was approved by CEN on 25 March 2006 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (CEN/TS 15405:2006) has been prepared by Technical Committee CEN/TC 343 “Solid recovered fuels”, the secretariat of which is held by SFS.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CEN/TS 15405:2006 (E)

Introduction

This Technical Specification specifies a method for the determination of particle density where the required volume is measured by the buoyancy in a liquid. The parameter particle density is not an absolute value, therefore conditions for its determination should be standardised in order to gain comparative measuring results. Practical experience shows that for briquettes, the method specified is also replaceable by a similar measurement applying a gravimetric determination of the volume via the displaced liquid. In this case, the container with the liquid is not positioned underneath the balance as specified in this Technical Specification but is placed onto the balance which would then have to carry a higher total mass (at the same accuracy requirements). For all other requirements (e.g. for the wetting agent), the procedure as outlined in this Technical Specification should be followed, except, that the equation for density calculation shall be modified accordingly.

This Technical Specification is based on CEN/TS 15150 [1].

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