

ICS 75.160.10

English Version

**Solid recovered fuels - Quality management systems - Particular requirements for their application to the production of solid recovered fuels**

Combustibles solides de récupération - Systèmes de management de la qualité - Exigences particulières relatives à leur application à la production de combustibles solides de récupération

Feste Sekundärbrennstoffe - Qualitätsmanagementsysteme - Besondere Anforderungen für die Anwendung bei der Herstellung von festen Sekundärbrennstoffen

This Technical Specification (CEN/TS) was approved by CEN on 30 January 2006 for provisional application.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## Foreword

This document (CEN/TS 15358:2006) 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 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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## Introduction

In the context of solid recovered fuels (SRF) production, the Quality Management (QM) strategy is mainly based on the fact that, by increasing knowledge about the whole production-process, it is possible to reduce the amount of sampling and testing to be carried out on the final products. This strategy is expressed by good Quality Management Procedures in the manufacturing process, including good record-keeping. In the context of SRF, Quality Management offers a route through which the confidence of customers and regulators can be established and maintained.

The goal of this Technical Specification is the development of a Quality Management System (QMS) for SRF production and trade that provides for continual improvement, emphasising the fulfilment of quality requirements.

This Technical Specification is a base for developing a QMS for a SRF supplier organization which has not earlier established a QMS. It can also be used as a supporting document for a supplier which already has a QMS established.

This Technical Specification, coupled with applicable customer-specific requirements and the normative references specified in Clause 2, defines the fundamental quality management system requirements for those subscribing to this Technical Specification.

The development of a quality management system for solid recovered fuels based on this TS does not involve a compulsory third party certification, however this certification is recommended.

The emphasis of this Technical Specification is on:

- 1) giving wider confidence to the production and trading of SRF;
- 2) defining the documentation to be used for internal procedures and communicating to all parties the specifications needed to ensure the achievement of the quality objectives;
- 3) verifying the origin and demonstrating the properties of the input materials (i.e. non hazardous wastes).

The Quality Management Systems accords with EN ISO 9001 to cover the whole process from the point of waste reception to the point of delivery of SRF to the customer. Quality Management Systems have several important features, including the definition of:

- a) key steps in the process;
- b) person(s) who is/are responsible for each step of the process, and for the overall co-ordination of quality-management;
- c) training – policies and procedures for execution;
- d) procedures for production;
- e) procedures for record-keeping, to provide full traceability;
- f) procedures for dealing with failures, and self-improvement;
- g) procedures for the development of the processing.

To accomplish CEN Internal Regulations for the drafting of documents in this Technical Specification boxed text is used for the original EN ISO 9001:2000 text, while sector-specific supplemental requirements are outside the boxes.

Paragraphs marked "NOTE" are for guidance in understanding or clarifying the associated requirement.

Where the term "such as" is used, any suggestions given are for guidance only.

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## 1 Scope

This Technical Specification specifies requirements for the quality management system for the production of solid recovered fuels from the reception of waste(s) up to the delivery of solid recovered fuels (Figure 1).

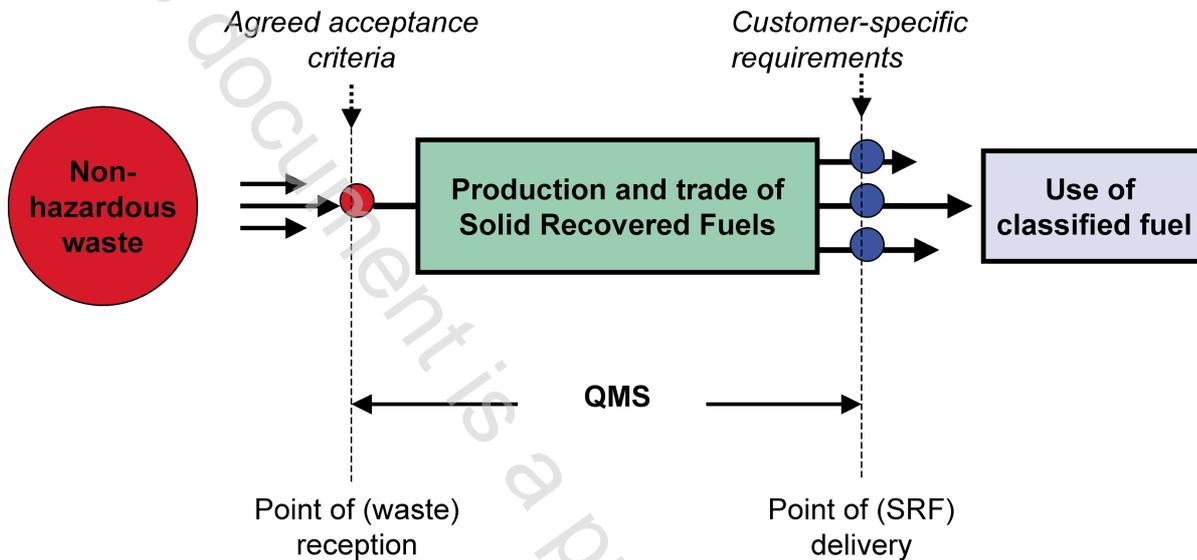


Figure 1 — Quality management systems within the solid recovered fuels chain

## 2 Normative references

The following referenced documents are indispensable for their application of this Technical Specification. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CEN/TS 15357:2006, *Solid recovered fuels — Terminology, definitions and descriptions*

CEN/TS 15359, *Solid recovered fuels — Specifications and classes*

EN ISO 9000:2005, *Quality management systems — Fundamentals and vocabulary (ISO 9000:2005)*

## 3 Terms and definitions

For the purposes of this Technical Specification, the terms and definitions given in EN ISO 9000:2005, CEN/TS 15357:2006 and the following apply.

### 3.1

#### product realization

production of solid recovered fuels

## 4 Quality management system

### 4.1 General requirements