



NSAI
Standards

SWiFT 7:2015

Verification of environmental parameters of certain solid fuel supplied to the residential market in Ireland

SWiFT 7:2015

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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Foreword

This SWiFT Specification was developed and approved by an NSAI workshop. It reflects the consensus of the representatives of the organisations listed below to whom NSAI is indebted for their contribution.

- Department of the Environment, Community and Local Government;
- Department of Communications, Energy and Natural Resources;
- Environmental Protection Agency;
- Enterprise Ireland;
- Solid Fuel Trade Group Ltd.;
- Arigna Fuels;
- Bord Na Mona;
- CPL Fuels;
- Andrew McLaughlin and Sons;
- Murphy and Sons;
- Hardware Association Ireland;
- Dublin City Council;
- Wexford County Council.

The Revenue Commissioners participated as observers.

SWiFT 7 is a Specification Written in Fast Track (SWiFT).

SWiFT 7 does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with this SWiFT does not of itself confer immunity from legal obligations.

In line with international standards the decimal point is shown as a comma (,) throughout this document.
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Introduction

This SWiFT supports the requirements which are set out in regulations under the Air Pollution Act, 1987 (as amended) [[2], [13]]. Any reference to legislation in this SWiFT should be construed as a reference to the current version of such legislation, incorporating all amendments.

This SWiFT provides a methodology whereby:

- i) bituminous coal can be demonstrated to comply with the requirements of these regulations and identified to the regulatory authorities as meeting legislative requirements;
- ii) approved fuel, can be verified as compliant with the requirements of the regulations and identified to the regulatory authorities as meeting legislative requirements;
- iii) biomass products can be verified as containing the requisite amount of biomass.

A schematic setting out the main control points applicable to this specification are set out in Annex D. This SWiFT has been specifically developed to safeguard and enhance air quality and the environment.

SWiFT 7:2015

Verification of environmental parameters of certain solid fuel supplied to the residential market in Ireland

1 Scope

This SWiFT covers the traceability and compliance of the following solid fuels intended for the residential market in Ireland:

- i) bituminous coal;
- ii) approved fuels;
- iii) biomass product.

The application of the SWiFT applies at the most effective control point(s) in the supply chain; generally though not limited to, the bagging operation.

2 Normative references

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

I.S. EN ISO 9001, *Quality management systems - Requirements*

I.S. EN ISO 14001, *Environmental management systems - Requirements with guidance for use*

I.S. EN ISO 14064-1, *Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals*

I.S. EN ISO 50001, *Energy management systems - Requirements with guidance for use*

I.S. EN ISO/IEC 17021, *Conformity assessment - Requirements for bodies providing audit and certification of management systems*

I.S. EN ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories*

I.S. EN ISO/IEC 17065, *General requirements for bodies operating product certification systems*

I.S. ISO 15489-1, *Information and documentation - Records management - Part 1: General*

EN ISO/IEC 17021-1:2015, *Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 1: Requirements*

ISO 334, *Solid mineral fuels - Determination of total Sulfur - Eschka method*

ISO 351, *Solid mineral fuels - Determination of total Sulfur - High temperature combustion method*

ISO 18283, *Hard coal and coke – Manual sampling*

ASTM D 2013/D2013M, *Practice for preparing coal samples for analysis*

ASTM D 2234/D2234M, *Practice for collection of a gross sample of coal*

AS 4264-1, *Coal and coke - Sampling - Part 1: Coal - Sampling procedures*

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