

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 8738 Accredited to ISO/IEC 17025:2017	Alfred H Knight Energy Services Limited	
	Issue No: 014 Issue date: 5 March 2021	
	Unit 14 Century Park Network Centre Dearne Lane Manvers Rotherham S63 5DE United Kingdom	Contact: Clare Gittins Tel: +44 (0) 1709 871 315 E-Mail: clare.gittins@ahkgroup.com Website: www.solidfuels.ahkgroup.com

Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Head Office Alfred H Knight Energy Services Limited Unit 14 Century Park Network Centre Dearne Lane Manvers Rotherham S63 5DE United Kingdom	Local contact Clare Gittins Tel: +44 (0) 1709 871 315	Sampling and analysis of Solid Recovered Fuels and Refuse Derived Fuels A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Address Premises away from the main Laboratory	Local contact Clare Gittins Tel: +44 (0) 1709 871 315	Sampling of Solid Recovered Fuels and Refuse Derived Fuels B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOLID RECOVERED FUELS, REFUSE DERIVED FUELS, MUNICIPAL SOLID WASTE	<u>Chemical and Physical Tests</u>		
	Determination of Moisture content	Documented in-house procedure LM01 (Gravimetric Determination) based on DD CEN/TS 15414-2:2010	A
	Determination of Ash content	Documented in-house procedure LM02 (Gravimetric Determination) based on BS EN 15403:2011	A
	Determination of Volatile Matter content	Documented in-house procedure LM04 (Gravimetric Determination) based on BS EN 15402:2011	A
	Gross Calorific Value	Documented in-house procedure LM05 (using Bomb Calorimetry) based on BS EN 15400:2011	A
	Carbon Hydrogen Nitrogen	Documented in-house procedure LM06 (Combustion-Instrumental Determination) based on BS EN 15407:2011	A
	Fluorine Chlorine Bromine Sulphur	Documented in-house procedure LM11 (Ion Chromatography) based on BS EN 15408:2011	A
	Determination of Major Elements (Al, Ca, Fe, K, Mg, Na, P, Si, Sn, Ti)	Documented in-house procedure LM08 (X-Ray Fluorescence Spectrometry) based on BS EN 15410:2011	A
	Calculation of Net Calorific Value	Documented in-house procedure LM20 (Calculation) based on BS EN 15400:2011	A
Sampling of Solid Recovered Fuels	BS EN 15442:2011	A and B	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOLID RECOVERED FUELS, REFUSE DERIVED FUELS, MUNICIPAL SOLID WASTE (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)		
	Sample preparation of Solid Recovered Fuels (Sample Division, Oven Drying, Shredding, Grinding, and Milling)	Documented in-house procedure TCM010 based on BS EN 15443:2011	A
	Determination of biomass content using the selective dissolution method	BS EN 15440:2011 Annex A - By Total Carbon method - By Calorific Value method - By Gravimetric method	A
Waste Materials including Trommel Fines	Determination of Loss on Ignition (440°C)	Documented in house method LM03.1 in accordance with HMRC Excise Notice LFT1 05 November 2018	A
Waste, sediments and sludges	Determination of Loss on Ignition (550°C)	Documented in house method LM03 based on BS EN 15169:2007	A
END			