



MCG Green Power

Biomass Pellet Suppliers



Overview

MCG have been operating in the UK market importing and distributing wood products from Russia and the Baltic states for the past 8 years.

We have a strong working relationship with many UK based timber companies and a track record of providing high quality timber products at competitive prices. At MCG we have a team equipped with over 20 years of experience in manufacture, importation and sale of wood based products.

MCG have always maintained an FSC certificate and an interest in environmentally responsible trading. This has encouraged us to use our connections and expertise in the timber industry to enter into the biomass fuels market.

We are currently looking to increase our exposure to the wood pellet market by supplying to power stations specifically.

We have strong working relationships with many suppliers based in Russia and the Baltic states and have used the last 8 years to perfect on efficient, reliable and secure supply chain.

MCG are looking to import quality products at competitive prices and are able to acquire high volumes whilst providing flexible payment terms often not matched by other importers.

Furthermore, by importing from EU countries such as Latvia, MCG can offer price competitive alternatives to North American and Scandinavian imports of similar quality pellets.

We have offices in London and storage facilities at Immingham port and our logistics are focused to optimise supply to UK Biomass power stations.



Our offer

We are looking to start trading with an initial volume of 1500 tonnes of pellets imported to the UK (Immingham port).

Key Facts

Origin of Pellets:	Russian Federation
Shipping Port:	Latvia, Port of Riga.
Payment Terms:	Negotiable
Export Quantities:	Upwards from 1500 MTS per month.

Principle technical values (as per SGS Latvia Ltd)

Total moisture (CEN/TS 14774-2), %	< 10
Ash (SS 18 77 71), %	< 0.6
Net calorific value (as received) (CEN/TS 14918), KJ/kg	> 17.0
Volatile mater, (CEN/TS 15148), %	70-90
Total Sulfur (Leco/SS 18 77 77), %	< 0.05
Chlorine (SS 18 71 85), %	< 0.01
Hydrogen, ASTM D 3178/Leco-600, %	5-8
Nitrogen (ASTM D 3179/ISO 333), %	< 0.2
Ash fusion course, Softening temperature (ISO 540), °C	> 1 300
Bulk density, (CEN/TS 15103), kg/m ³	> 600
Mechanical Durability, (SS 18 71 80), %	> 97

Please forward all enquiries to:

Dean Leng
 Office: 0800 849 9696
 Mobile: 0759 573 1922
 E-mail: dean@mcgtimber.co.uk
 E-mail: info@mcgtimber.co.uk

SGS**ORIGINAL****Certificate of Analyses No. 200001309**

Cargo grade	Wood Pellets
Sample Description / No.	1 x 3.1 kg plastic bag / No. 2647-PC
Sample labelled	Composite sample of wood pellets from stockpile at Duna Terminal, Liepaja
Sample taken	on 02 nd of August, 2013
Sample received by laboratory	on 03 rd of August, 2013
Sealed	No. 96844 "SGS Latvija"
Date of Testing	on 03 rd - 07 th of August, 2013
Client	Taleon Industries A/S

TESTS, UNITS	METHODS	RESULTS
Total Moisture, % mass	LVS EN 14774-2	8.30
Analytical Moisture, % mass	LVS EN 14774-3	7.64
Ash, % mass	LVS EN 14775	0.24
Volatile Matter, % mass	LVS EN 15148	79.24
Total Sulphur, % mass	SS 187177	0.01
Gross Calorific Value, kcal/kg	LVS EN 14918	4,461
Particle Size Distribution, % mass: (Dust Content)	LVS EN 15149-2	
Over than 3.15 mm		97.32
Between 2.8 - 3.15 mm		0.01
Between 2.0 - 2.8 mm		0.55
Between 1.4 - 2.0 mm		0.75
Between 1.0 - 1.4 mm		0.55
Between 0.5 - 1.0 mm		0.54
Between 0.25 - 0.5 mm		0.17
Less than 0.25 mm		0.11

The below table is received by recalculation of the analytical data according to method LVS CEN/TS 15296:

Tests, Units	As-Analysed (ad)	Dry(d)	Dry Ash-free(daf)	As-Received (ar)
Moisture, % mass	7.64	—	—	8.30
Ash, % mass	0.24	0.26	—	0.24
VM, % mass	79.24	85.79	86.02	78.67
Sulfur, % mass	0.01	0.01	0.01	0.01
Q (gross), kcal/kg	4,461	4,630	4,843	4,429
Q (gross), kJ/kg	18,677	20,222	20,275	18,544
Q (gross), MWh/ton	5.19	5.62	5.63	5.15
Q (net), * kcal/kg	—	4,560	—	4,136
Q (net), kJ/kg	—	19,093	—	17,317
Q (net), MWh/ton	—	5.30	—	4.81
Hydrogen, % mass (excludes H in moisture)	5.06	5.48	5.49	5.03

The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated.

All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report.

Precision parameters apply in the determination of the above results.

The laboratory is accredited by Latvian National Accreditation Bureau (LATAK) according to LVS EN ISO/IEC 17025.

LATAK registration No.: LATAK-T-320.

Accreditation certificate is valid until 31st. March 2015.

* The net calorific value is calculated at constant volume.



For and on behalf of
SGS LATVIJA Ltd.
 Riga, 07th of August, 2013
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9 Bickels Yard
151-153 Bermondsey street
London, SE1 3HA
Tel: 0800 849 9696
Fax: +44 207 657 3322
Email: info@mcgtimber.co.uk
Web: www.mcgtimber.co.uk