The ENplus Certification – How to get certified? Procedures, costs and license rights

15th January 2014
Central European Pellet Day, Graz
Content

- What is EPC?
- What is the ENplus certification?
- How to get ENplus certified?
- How much does the ENplus certification cost?
- Why becoming ENplus certified?
European Pellet Council

- Founded in 2010
- Umbrella organisation EPC
  - 18 national pellet associations
  - 5 observing members

Representing the interests of wood pellet sector
- Standardisation/certification of pellet (ENplus)
- Communication, lobbying
- Statistics
- Safety
- Education and training

www.pelletcouncil.eu
Create an uniform quality and environmental certification scheme called ENplus to improve pellets quality for small and large scale users and to secure sustainability.

Sub-objectives:
- Define market needs
- More cohesion between markets
- Influence future EU sustainability policy
ENplus certification
PellCert IEE project

Partners

- AEBIOM (EPC)
- ProPellets Austria
- DEPV
- SVEBIO
- Bioenergia
- AVEBIOM
- ProPellets France
- AIEL
- ValBiom
- ANPEB
- HPA
- Laborelec

And connection with

- EURELECTRIC members
- Other EPC members: LT, CA, CZ, IE, CH, UK, UA
- EPC observers: USA, JA
- VTT
- World Bioenergy Association
- AEBIOM members
ENplus certification

- Coordinated by EPC
- Based on EN 14961-2 for residential pellets + sustainability requirements
- Covering the entire supply chain
- Developed by/for the pellet sector
- Handbook adaptable to market needs
- Huge simplification of trade
- Ensures consumer confidence
- ! Standard ≠ Certification
ENplus ≠ DINplus
Based on EN 14961-2 standards

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>ENplus-A1</th>
<th>ENplus-A2</th>
<th>EN-B</th>
<th>Testing standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>mm</td>
<td>6 or 8</td>
<td></td>
<td></td>
<td>EN 16127</td>
</tr>
<tr>
<td>Length</td>
<td>mm</td>
<td>3.15 ≤ L ≤ 40 3)</td>
<td></td>
<td></td>
<td>EN 16127</td>
</tr>
</tbody>
</table>

Chemically treated wood is not even allowed for wood pellets EN B

Mandatory requirements on ash melting behaviour (EN 14961-2 is voluntary)

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</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen Content</td>
<td>w-%  2)</td>
<td>≤ 0.3</td>
<td>≤ 0.5</td>
<td>≤ 1.0</td>
<td>EN 15104</td>
</tr>
<tr>
<td>Sulfur Content</td>
<td>w-%</td>
<td>≤ 0.03</td>
<td>≤ 0.04</td>
<td></td>
<td>EN 15289</td>
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<tr>
<td>Chlorine Content</td>
<td>w-%  2)</td>
<td>≤ 0.02</td>
<td>≤ 0.03</td>
<td></td>
<td>EN 15289</td>
</tr>
<tr>
<td>Ash Melting Behaviour</td>
<td>°C</td>
<td>≥ 1200</td>
<td>≥ 1100</td>
<td></td>
<td>EN 15370</td>
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</tbody>
</table>
ENplus certification ensures:

- Pellet quality
- Quality of service
- Sustainability
How to get ENplus certified?

ENplus is managed by EPC or a National Licensee

+ Canada
How to get ENplus certified?

- Producer
- Trader

<table>
<thead>
<tr>
<th>Testing body</th>
<th>Inspection body</th>
<th>Issuer of license</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPC</td>
<td>Certification</td>
<td></td>
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<table>
<thead>
<tr>
<th>Inspection body</th>
<th>Tester</th>
</tr>
</thead>
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<tr>
<td>Inspections once a year</td>
<td></td>
</tr>
</tbody>
</table>

Co-funded by the Intelligent Energy Europe Programme of the European Union
How to get ENplus certified?

Administrative phase

- Visit [www.enplus-pellets.eu](http://www.enplus-pellets.eu)
- Select a certification body
- Select an inspection body (producers/traders with bagging station)
- Submit the completed forms to EPC
How to get ENplus certified?

Plant audit

- Producers and traders with bagging station, initial inspection
- Regular traders, within the first year
How to get ENplus certified?

Last steps

- Payment of the invoice
How to get ENplus certified?

Last steps: reception of seal, certificate, countersigned contract
Cost of ENplus certification

- Fees of 0,15 €/t for all A1/A2 quality (except power plants and animal bedding)
- Producers: certification and inspection +/- 2.500 €/a
- Traders: certification and inspection +/- 1.000 €/a
Why becoming ENplus certified?

Because ENplus is now the reference!

- +/- 4 millions of pellets productions is ENplus certified
- +/-50% of the EU domestic pellets consumption is ENplus certified
Why becoming ENplus certified?

- Huge expansion worldwide
- Managed by and for the pellet sector

Currently: AT, BE, CA, CH, CZ, DE, DK, EE, ES, FR, HR, IT, LT, LV, NL, PL, PT, RO, RS, SI, SK, UK, US
Questions about Certification/standards

SolidStandards project

Aim
- Ensure the quality and sustainability of solid biofuels
  Fire wood, wood chips, wood pellets and briquettes, non-woody solid biofuels

More concrete
- Facilitate the uptake of related standards and certification
- Contribute to the development of standards and policies

Actions
- Trainings on CEN quality standards to solid biofuel industry
- Contribute to the discussion on policies and standards
- Collect industry feedback on standards

More information on www.solidstandards.eu
2nd international workshop Pellet Safety

Save the date!

- 05-07/05/14
- Fügen (Austria)
Programme Overview

- European Legislation
- Pellets/heating sector
- Sustainability and certification
- Networking Dinner
- B2B meetings
- Visits to bioenergy plants

Why Sponsor the event?

- Show leadership!
- Brand exposure!
- Networking opportunities!
Chapter dedicated to pellets: [www.aebiom.org](http://www.aebiom.org)
Thank you for your attention

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www.pelletcouncil.eu

www.enplus-pellets.eu

www.aebiom.org