

Appendix 23 Declaration form AI0023 - Producer of aluminium

To be used in conjunction with an application for a licence for the Nordic Swan Ecolabel of furniture and fitments.

This declaration is used by the **producer of aluminium** for Nordic Swan Ecolabelled Furniture and fitments.

General information

Please state name/trade name and steel grade the aluminium:
Name of the manufacturer/supplier of the steel:

O79 Production of aluminium		
<p>This requirement can be met by documenting either A) or B):</p> <p>A) High proportion recycled</p> <p>A minimum of 75 wt. % of the steel must be recycled. Recycled steel is defined as both pre- and post-consumer, according to definitions in ISO 14021.</p> <p>B) Primary aluminium production</p> <p>The requirement can be verified using either: direct traceability through the supply chain, mass balance approach* or by all major suppliers.</p> <p><i>* In case of several potential aluminium producers, the supplier of the metal components can verify the requirement by using a mass balance approach if there is an account documenting the annual volumes purchased from the individual aluminium producers. The volumes must correspond to volumes sold to the producer of Nordic Swan Ecolabelled product (e.g., cannot sell a larger volume than the corresponding quantity purchased from the individual aluminium producers)</i></p> <p><i>** All major suppliers are compliant with one of the 3 alternatives. Major suppliers are here defined as suppliers delivering 75% of the total volume (w/w) of aluminium components in the Nordic Swan Ecolabelled product</i></p> <p>The primary aluminium production can be declared by 4 alternatives (1-4) in alternative B.</p>		
	A	B
Do you wish to declare in accordance with alternative A or B?	<input type="checkbox"/>	<input type="checkbox"/>

A) High proportion recycled
<p>A minimum of 75% by weight of the aluminium must be recycled.</p> <p><i>Recycled steel is defined as both pre- and post-consumer, according to definitions in ISO 14021.</i></p>
<p>Please state the proportion of recycled aluminium in the item (wt.%):</p> <p><i>The annual average for the plant(s)/smelter(s) is approved.</i></p> <p>Please attach:</p> <ul style="list-style-type: none"> - eBVD or EPD based on product-specific data/data from the aluminium producer's own production specifically stating the content of recycled aluminium in the product or - Valid Hydro Circal certificate.

or

- Other calculation showing the content of recycled aluminium at the smelter(s).

B) Virgin steel production

The primary aluminium production can be declared by 4 alternatives.

- 1) Aluminium production – active sustainability strategy
- 2) Aluminium production – low direct climate effecting emissions
- 3) Aluminium production – low electricity consumption for electrolysis
- 4) Aluminium production – ASI certified site

	1	2	3	4
Do you wish to declare in accordance with alternative 1, 2, 3 or 4?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B) alternative 1, Aluminium production – active sustainability strategy

Aluminium comes from a primary aluminium producer who has an active sustainability strategy focusing on reducing energy consumption and greenhouse gas emissions.

The strategy for reducing energy consumption and greenhouse gas emissions shall be quantitative and time-based, and they shall be determined by the company management.

Please attach:

- Yearly business report (e.g. Global Report Initiative (GRI) or similar report)

or

- Environmental status yearly report

Please state the type of traceability used to document the requirement:

B) alternative 2, Aluminium production – low direct climate effecting emissionsAluminium comes from a primary aluminium producer whose direct climate-affecting emissions from primary aluminium production does not exceed 1,5 tonnes of CO₂e/ton of aluminium produced.Please state the emission of CO₂e/ton of aluminium produced:

Please attach a calculation or test report.

Please state the type of traceability used to document the requirement:

B) alternative 3, Aluminium production – low electricity consumption for electrolysis

Aluminium comes from a primary aluminium producer whose electricity consumption for electrolysis does not exceed 15,3 MWh/ton produced aluminium.

Please state the electricity consumption for electrolysis (MWh/ton):

Please attach a calculation or test report.

Please state the type of traceability used to document the requirement:

B) alternative 4, Aluminium production – ASI certified site

A minimum of 50% by weight of aluminium used in the Nordic Swan Ecolabelled product comes from a production site that are certified to the ASI Performance standard⁴.

Please attach:

- ASI performance standard certificate.

and/or

- Documentation showing mass balance from production line(s):

Information from the supplier/manufacturer of the constituent aluminium part about which aluminium parts are from certified aluminium production (purchase records).

Information from the supplier/manufacturer of the constituent aluminium parts on type of traceability used to document the requirement.

Manufacture's signature:

Place and date:	Company name:
Responsible person:	Signature of responsible person:
Phone:	E-mail:

⁴ <https://aluminium-stewardship.org/asi-standards/asi-performance-standard> (visited November 2022)