

EN 14726 - Aluminium and aluminium alloys

Determination of the chemical composition of aluminium and aluminium alloys by spark optical emission spectrometry. Why should you use EN 14726?

Market requirements

QUALITY

Metal analysis is very important for the aluminium industry since chemical composition is a key characteristic of aluminium products

Customers are asking for...

- High analytical accuracy
- Adequate analytical systems to support the increasing demand for quality
- The same analysis quality from all suppliers

COMPLIANCE

Content of regulated substances under REACH and CLP Regulations, RoHS and ELV Directives e.g. Pb, Cd, etc., must be controlled

Certificates issued by the plants for product shipping must be accurate

HARMONISATION

Standardisation of chemical analysis methods

Implementation of best practices



EN 14726 helps you to...

QUALITY

Define accurate procedures for the determination of chemical composition for alloys production

Secure reliable analysis of chemical composition across different industry locations

- Transparent multi-sourcing of metal
- Rapid adaptation to market demand
- Reduction of internal and external metal rejection
- Minimisation of customer claims

Guarantee reliable communication about chemical composition along the value chain

Identify and solve analytical issues rapidly

Gain customer credibility and enhance corporate image

COMPLIANCE

Guarantee compliance with legal requirements regarding the chemical composition of aluminium products

Guarantee accurate certification in line with contractual requirements

HARMONISATION

Get acceptance of a standardised analysis method, established by a wide group of industrial and scientific players

Develop internal training programs and best practices, implemented in all plants

Establish industry benchmarks

ABOUT EUROPEAN ALUMINIUM

European Aluminium, founded in 1981 and based in Brussels, is the voice of the aluminium industry in Europe. We actively engage with decision makers and the wider stakeholder community to promote the outstanding properties of aluminium, secure growth and optimise the contribution our metal can make to meeting Europe's sustainability challenges. Through environmental and technical expertise, economic and statistical analysis, scientific research, education and sharing of best practices, public affairs and communication activities, European Aluminium promotes the use of aluminium as a material with permanent properties that is part of the solution to achieving sustainable goals, while maintaining and improving the image of the industry, of the material and of its applications among their stakeholders. Our 80+ members include primary aluminium producers; downstream manufacturers of extruded, rolled and cast aluminium; producers of recycled aluminium and national aluminium associations are representing more than 600 plants in 30 European countries. Aluminium products are used in a wide range of markets, including automotive, transport, high-tech engineering, building, construction and packaging.

Follow us on Twitter  @EU_Aluminium

Contact details

European Aluminium
Avenue de Tervueren 168
1150 Brussels, Belgium
Phone +32 2 775 63 63
communications@european-aluminium.eu
www.european-aluminium.eu