Technical standards in the field of inland navigation

Directive 2016/1629 (ES-TRIN)

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Directive 2016/1629


Date of effect: 6 October 2016

Transposition and **applicability:** 7 October 2018

Directive 2006/87/EC is repealed with effect from 7 October 2018
Directive 2016/1629

CESNI
European Committee for drawing up Standards in Inland Navigation

responsible for drawing up the technical standards in the field of inland navigation (ES-TRIN)
ES-TRIN

• Uniform technical requirements for ensuring the safety of inland navigation vessels

• Provisions on inland navigation vessel construction, arrangement and equipment

• Special provisions for certain categories of vessel such as passenger vessels, pushed convoys and container vessels. It also incorporates the new requirements governing the use of liquefied natural gas as a fuel (LNG)

• Instructions on how to apply the technical standard.
ES-TRIN is not binding per se - EU, CCNR, DC, other international organisations and states can apply this standard by referring to it in their respective legal frameworks.
ES TRIN 2017/01

- elevating wheelhouse
- updating of the reference to various international standards

**emission of gaseous and particulate pollutants from engines**

- electrical equipment and installations
- fire – fighting system
- manufacturer’s plate for cranes
- updating of the provisions on navigation and information equipment
- corrections of the transitional provisions on type approved equipment
Chapter 9
EMISSION OF GASEOUS AND PARTICULATE POLLUTANTS FROM INTERNAL COMBUSTION ENGINES

Adaptation of the ES-TRIN to the environmental standards of the European Union (NRMM regulations)
Scope of NRMM emissions Regulation 2016/1628

2016/1628
Exhaust emissions (new engines)

Design (emission performance) → Production → Placing on the market → Installation (emissions) → In-service monitoring

2016/1629
Technical requirements for inland navigation vessels

Installation (non-emissions) → In-service inspection (emissions and non-emissions)
Thank you!