



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

- **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.**



Directive
2016/1629
*European
Union*

Rhine Vessel
Inspection
Regulations
CCNR



ES-TRIN is not binding per se - EU, CCNR, 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

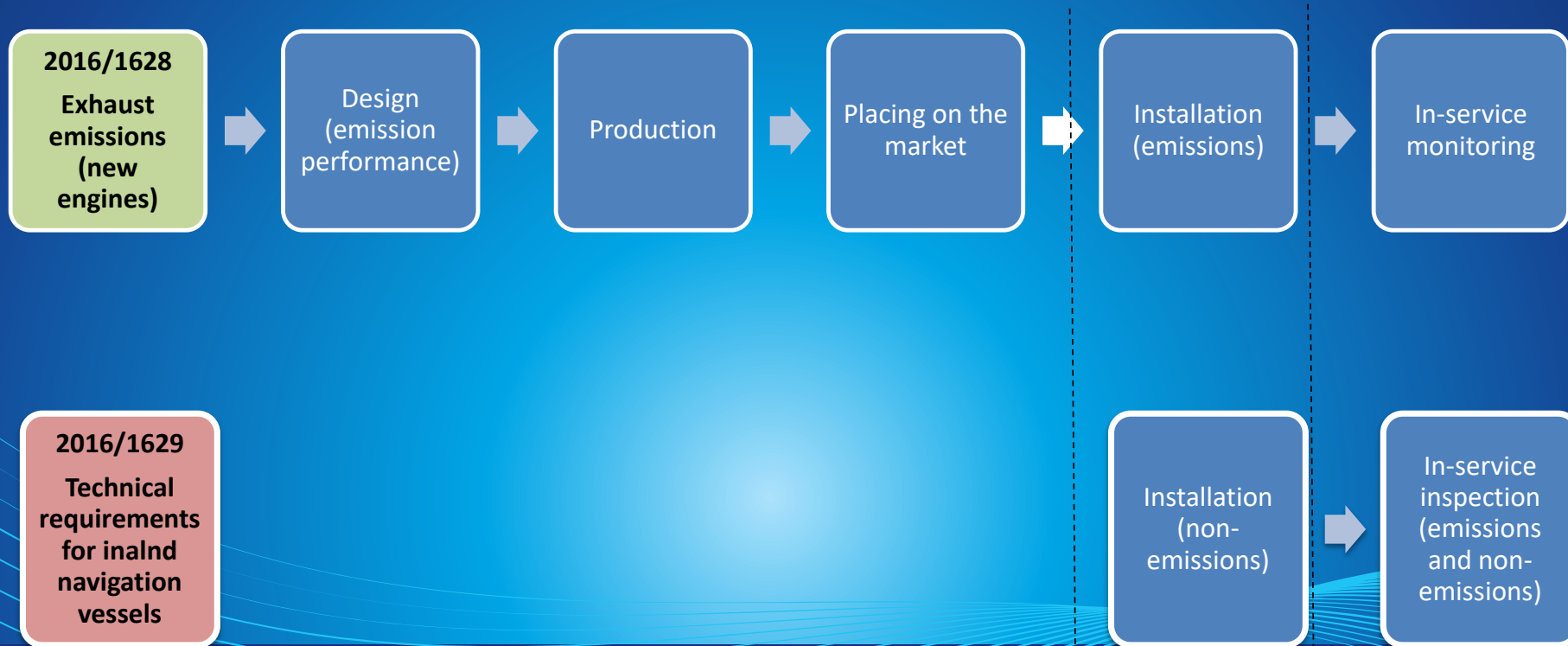


ES – TRIN 2017/01

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





European
Commission

Thank you!



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Mobility and
Transport

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