



EUROPEAN COMMISSION

Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs

Single Market Enforcement

Notification of Regulatory Barriers

Notification Number : 2023/0132/E (Spain)

Draft Royal Decree approving the Earthquake Resistant Construction Standard NCSR-23.

Date received : 23/03/2023

End of Standstill : 26/06/2023 (withdrawn)

Message

Message 002

Communication from the Commission - TRIS/(2023) 00753

Directive (EU) 2015/1535

Translation of the message 001

Notification: 2023/0132/E

No abre el plazo - Nezahajuje odklady - Fristerne indledes ikke - Kein Fristbeginn - Viivituste perioodi ei avata - Καμμία έναρξη προθεσμίας - Does not open the delays - N'ouvre pas de délais - Non fa decorrere la mora - Neietekmē atlikšanu - Atidėjimai nepradedami - Nem nyitja meg a késéket - Ma' jiftaħx il-perijodi ta' dawmien - Geen termijnbegin - Nie otwiera opóźnień - Não inicia o prazo - Neotvorí oneskorenia - Ne uvaja zamud - Määräaika ei ala tästä - Inleder ingen frist - He ce предвижда период на прекъсване - Nu deschide perioadele de stagnare - Nu deschide perioadele de stagnare.

(MSG: 202300753.EN)

1. MSG 002 IND 2023 0132 E EN 23-03-2023 E NOTIF

2. E

3A. Subdirección General de Asuntos Industriales, Energéticos, de Transportes y Comunicaciones, y de Medio Ambiente.

Dirección General de Coordinación del Mercado Interior y otras Políticas Comunitarias.

Secretaría de Estado para la Unión Europea

Ministerio de Asuntos Exteriores, Unión Europea y Cooperación.

Plaza del Marqués de Salamanca, 8 (28006 Madrid)

3B. Ministerio de Transportes, Movilidad y Agenda Urbana.

Instituto Geográfico Nacional.

4. 2023/0132/E - B00

5. Draft Royal Decree approving the Earthquake Resistant Construction Standard NCSR-23.

6. Design, execution and documentation of new structures and constructions that may be subject to the action of earthquakes.

Seismic assessment of existing buildings and, where appropriate, seismic adaptation of the same.



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7. -

8. This draft is the regulatory framework that establishes the essential concepts and requirements to be met by structures located in seismic zones in Spain, in addition to compliance with the rest of the specific regulations in force regarding structures, so that their behaviour, in the face of seismic phenomena, avoids serious consequences for the health and safety of people, avoids economic losses and promotes the preservation of basic services for society in cases of high intensity earthquakes.

The draft Royal Decree consists of the articles and six annexes (each of which is attached for uploading to the TRIS platform as a separate file).

9. Update the current regulations relating to the seismic design of structures in order to adapt them to ongoing new needs and technical progress.

— Extend the scope of the Earthquake Resistant Construction Standard to include structural types not explicitly covered to date, such as: towers, masts, chimneys, silos, tanks, pipes, containment structures and their foundations, as well as the geotechnical design for seismic actions.

— Regulate other aspects that are not covered (or are only very briefly covered) by the current regulation, such as: the design and verification of non-structural elements subjected to seismic actions; the classification of structural elements into primary and secondary seismic elements; the assessment of the earthquake-resistance of existing buildings and adaptation of such buildings as required; and the design of structures with base isolation.

— Make this regulation a technical framework consistent with that established in the Structural Code (approved by Royal Decree 470/2021, of 29 June 2021) and in the Technical Building Code (approved by Royal Decree 314/2006, of March 17 2006), which incorporate the most relevant aspects of European legislation for the calculation of structures, in accordance with the procedures established in the structural Eurocodes.

10. References of the basic texts: Earthquake Resistant Construction: general part and building (NCSE-02).

Royal Decree 637/2007, of 18 May 2007, approving the Earthquake Resistant Construction Standard: Bridges (NCSP-07).

11. No

12. -

13. No

14. No

15. -

16. TBT aspect



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NO - The draft will have no discernible effect on international trade.

SPS aspect

No - The draft is neither a sanitary nor a phytosanitary measure

European Commission

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