NATIONAL ANNEX TO CYS EN 1995-1-2 :2004 (Including AC :2009)

Eurocode 5 : Design of Timber Structures

Part 1-2: General – Structural fire design

CYPRUS ORGANISATION FOR STANDARDISATION

NATIONAL ANNEX

TO

CYS EN 1995-1-2 :2004/AC :2009

Eurocode 5 : Design of Timber Structures

Part 1-2: General – Structural fire design

This National Annex has been approved by the Board of Directors of the Cyprus Organisation for Standardisation (CYS) on 14.06.2019.

INTRODUCTION

This National Annex has been prepared by the CYS/TC18 National Standardisation Technical Committee of the Cyprus Organization for Standardisation. (CYS)

NA 1 SCOPE

This National Annex is to be used together with CYS EN 1995-1-2:2004+AC: 2009.Any reference in the rest of this text to CYS EN 1995-1-2:2004 means the above document.

This National Annex gives:

(a) Nationally determined parameters for the following clauses of CYS EN 1995-1-2:2004+AC:2009 where National choice is allowed (see Section NA 2)

- 2.1.3(2)
- 2.3(1)P
- 2.3(2)P
- 2.4.2(3)
- 4.2.1(1)

(b) Decisions on the use of the Informative Annexes A, B, C, D, E and F (see Section NA 3)

(c) References to non-contradictory complementary information to assist the user to apply CYS EN 1995-1-2:2004/AC:2009 (see Section NA 4).

NA 2 NATIONALLY DETERMINED PARAMETERS

NA 2.1 Clause 2.1.3(2) Maximum temperature rise for separating function in parametric fire exposure

The values of $\Delta\Theta_1$ = 200 K and $\Delta\Theta_2$ = 240 K shall be used

NA 2.2 Clause 2.3 Partial safety factor for material properties

(1)P The value for the partial safety factor for material properties shall be specified as $\gamma_{M,fi}$=1.00

(2)P The value for the partial safety factor for material properties shall be specified as $\gamma_{M,fi}$=1.00

NA 2.3 Clause 2.4.2(3) Reduction factor for combination of actions

The reduction factor shall take the value of η_{fi}=0.6 for all cases except in the case of imposed loads according to category E given in EN 1991-2-1:2002 (areas susceptible to accumulation of goods, including access areas), when it shall be taken as η_{fi}=0.7.

NA 2.4 Clause 4.2.1(1) Simplified rules for determining cross-sectional properties

The method given in 4.2.2 shall be used

NA 3 DECISION ON USE OF THE INFORMATIVE ANNEXES

NA 3.1 Annex A

Annex A may be used

NA 3.2 Annex B

Annex B may be used

NA 3.3 Annex C

Annex C may be used

NA 3.4 Annex D

Annex D may be used

NA 3.5 Annex E

Annex E may be used

NA 3.6 Annex F

Annex F may be used

NA 4 REFERENCES TO NON-CONTRADICTORY COMPLEMENTARY INFORMATION

None

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NA to CYS EN 1995-1-2:2004 (Including AC:2009)

CYPRUS ORGANISATION FOR STANDARDISATION

Limassol Avenue and Kosta Anaxagora 30,
2nd & 3rd Floor, 2014 Strovolos, Cyprus
P.O.BOX.16197, 2086 Nicosia, Cyprus
Tel: +357 22 411411 Fax: +357 22 411511
E-Mail: cystandards@cys.org.cy
Website: www.cys.org.cy