

**NATIONAL ANNEX**  
**TO**  
**CYS EN 1993-1-7: 2007 Eurocode 3: Design of steel**  
**structures**  
**Part 1-7: Plated structures subject to out of plane loading**

**Public Enquiry Draft**

**Period of Enquiry**

**November 19<sup>th</sup> 2007 to January 14<sup>th</sup> 2008**

**Readers are advised that this is a draft document and subject to change**

**Prepared by: Eurocodes Committee**  
**Ministry of Interior / Technical Chamber of Cyprus**

## **INTRODUCTION**

This National Annex has been prepared by the Eurocodes Committee of the Technical Chamber of Cyprus which was commissioned by the Ministry of Interior of the Republic of Cyprus.

### **NA 1 SCOPE**

This National Annex is to be used together with CYS EN 1993-1-7: 2007.

This National Annex gives:

- (a) Nationally determined parameters for the following clauses of CYS EN 1993-1-7: 2007 where National choice is allowed (see Section NA 2):
  - 6.3.2(4)
- (b) Decisions on the use of informative Annexes A, B and C to CYS EN 1993-1-7: 2007 (see Section NA 3).
- (c) References to non-contradictory complementary information to assist the user to apply CYS EN 1993-1-7: 2007 (see Section NA 4).

## **NA 2 NATIONALLY DETERMINED PARAMETERS**

### **NA 2.1 Clause 6.3.2(4) Supplementary rules for the design by global analysis**

Unless a more sophisticated low cycle fatigue assessment is undertaken, the design value of the total accumulated Von Mises equivalent plastic strain  $\varepsilon_{eq,Ed}$  should satisfy the condition

$$\varepsilon_{eq,Ed} \leq n_{eq} \frac{f_y}{E \gamma_{M0}} \quad (2.1)$$

The recommended value of  $n_{eq} = 25$  in equation (6.7) shall be used.

## **NA 3 DECISION ON THE USE OF INFORMATIVE ANNEXES A, B AND C**

### **NA 3.1 Annex A**

Informative Annex A may be used.

### **NA 3.2 Annex B**

Informative Annex B may be used.

### **NA 3.3 Annex C**

Informative Annex C may be used.

**PUBLIC ENQUIRY DRAFT**

National Annex to CYS EN 1993-1-7: 2007 Eurocode 3: Plated structures subject to out of plane loading

**NA 4 REFERENCES TO NON-CONTRADICTORY COMPLEMENTARY INFORMATION**

None

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