

NATIONAL ANNEX

TO STANDARD

SFS-EN 1993-1-6 EUROCODE 3: DESIGN OF STEEL STRUCTURES.

Part 1-6: Strength and Stability of Shell Structures

Preface

This national annex is used together with Standard SFS - EN 1993-1-6: 2007.

This national annex sets out:

The national parameters for the following clauses in Standard SFS-EN 1993-1-6 where national selection is permitted:

- 3.1.(4)
- 4.1.4 (3)
- 5.2.4 (1)
- 6.3 (5)
- 7.3.1 (1)
- 7.3.2 (1)
- 8.4.2 (3)
- 8.4.3 (2)
- 8.4.3 (4)
- 8.4.4 (4)
- 8.4.5 (1)
- 8.5.2 (2)
- 8.5.2 (4)
- 8.7.2 (7)
- 8.7.2 (16)
- 8.7.2 (18) (two times)
- 9.2.1 (2)P.

3.1 Material properties

3.1(4)

Additional information is not given. When the temperature of steel is higher than 150°C, mechanical properties used at these temperatures should be based on reliable information.

4.1.4 LS4: Fatigue

4.1.4(3)

The recommended value should be used if not other rules are given in the application standards (for example SFS-EN 1993-3- and SFS-EN 1993-4) or if not for other reasons lower values should be used.

5.2.4 Stress resultants and stresses

5.2.4(1)

The recommended value should be used.

6.3 Design by global numerical MNA or GMNA analysis

6.3(5)

The recommended value should be used.

7.3.1 Design values of total accumulated plastic strain

7.3.1(1), Note 2

Recommendations for a more refined analysis is not given.

7.3.2(1)

The recommended value should be used.

8 Buckling limit state (LS3)

8.4.2 Out-of-roundness tolerance

8.4.2(3)

The recommended values should be used.

8.4.3 Accidental eccentricity tolerance

8.4.3(2)

The recommended values should be used.

8.4.3(4), Note 1

The recommended values should be used.

8.4.4 Dimple tolerances

8.4.4(4), Note 1

The recommended values should be used.

8.4.5 Interface flatness tolerance

8.4.5(1)

The recommended value should be used.

8.5.2 Design resistance (buckling strength)

8.5.2(2)

The recommended value should be used.

8.5.2(4)

Additional information is not given.

8.7.2 Design value of resistance

8.7.2(7)

The recommended value should be used.

8.7.2(16)

Additional requirements are not given.

8.7.2(18), Note 1

The recommended value should be used.

8.7.2(18), Note 2

The recommended values should be used.

9.2.1 General

9.2.1(2)P

The recommended value should be used.