Irish National Annex
NA TO I.S. EN 1993-1-11:2006

Irish National Annex to Eurocode 3 - Design of steel structures - Part 1-11: Design of structures with tension components

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Annex NA
(informative)

Irish National Annex to Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components

Introduction

This National Annex has been prepared through the National Eurocodes Advisory Committee.

NA.1 Scope

This National Annex is to be used together with I.S. EN 1993-1-11+AC:2009, or the design of buildings and civil engineering works in steel that will be erected on sites in the Republic of Ireland.

The National Annex gives guidance as required in the foreword of I.S. EN 1993-1-11+AC:2009. This annex contains all Nationally Determined Parameters for the design of structures in the Republic of Ireland. These parameters are referred to in the subclauses listed below:

- 2.3.6(1)
- 2.3.6(2)
- 2.4.1(1)
- 3.1(1)
- 4.4(2)
- 4.5(4)
- 5.2(3)
- 5.3(2)
- 6.2(2)
- 6.3.2(1)
- 6.3.4(1)
- 6.4.1(1)P
- 7.2(2)
- A.4.5.1(1)
- A.4.5.2(1)
- B(6)

This National Annex also gives Irish decisions on the use of informative Annexes A, B, C and references to non-contradictory complimentary information.

NA.2 Nationally Determined Parameters

NA.2.1 Subclause 2.3.6(1) - Replacement and loss of tension components

The methods available for the replacement and removal of at least one tension component of a structure shall be considered in the design verification along with any additional forces that may be generated by this operation. The risk of additional tension members being ineffective at the same time shall be assessed and steps taken in the design to ensure that such an extreme situation does not cause failure.