



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 1090-3:2019

Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures

Exécution des structures en acier et des
structures en aluminium - Partie 3:
Exigences techniques pour l'exécution
des structures en aluminium

Ausführung von Stahltragwerken und
Aluminiumtragwerken - Teil 3:
Technische Regeln für die Ausführung
von Aluminiumtragwerken

04/2019



National Foreword

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ILNAS-EN 1090-3:2019

EUROPEAN STANDARD **EN 1090-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2019

ICS 91.080.17

Supersedes EN 1090-3:2008

English Version

**Execution of steel structures and aluminium structures -
Part 3: Technical requirements for aluminium structures**

Exécution des structures en acier et des structures en
aluminium - Partie 3: Exigences techniques pour
l'exécution des structures en aluminium

Ausführung von Stahltragwerken und
Aluminiumtragwerken - Teil 3: Technische
Anforderungen an Aluminiumtragwerke

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European foreword

This document (EN 1090-3:2019) has been prepared by Technical Committee CEN/TC 135 “Execution of steel structures and aluminium structures”, the secretariat of which is held by SN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1090-3:2008.

The main changes with respect to the previous edition are contained in the following clauses: Clause 1, Clause 2, Clause 3, 4.1.1, 4.1.2, Table 1, Table 5, 5.6.2, 6.1, 7.3, 7.4.1, 7.4.3, 7.4.4, 7.5.1, 7.5.9, 7.5.10, 7.5.11, 7.5.12, 7.5.13, 7.6, 8.3.1, 11.2.3.1, 12.4.2.1, 12.4.2.2, 12.4.3.2, 12.4.4.3, 12.4.5 and 12.7. Annex E has been deleted and the annexes correspondingly renumbered. The main changes in the annexes are contained in the following sub-clauses: E.2.2, Table F.3, I.1, Table I.1, Table I.2, Table K.1, Table K.2 and K.4. Annex N is a new annex. The Bibliography has been revised. In addition to the major changes in the clauses listed above, some editorial changes have been made.

This document is part of the EN 1090 series, which comprises the following parts:

- EN 1090-1, *Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components*
- EN 1090-2, *Execution of steel structures and aluminium structures - Part 2: Technical requirements for steel structures*
- EN 1090-3, *Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures*
- EN 1090-4, *Execution of steel structures and aluminium structures - Part 4: Technical requirements for cold-formed structural steel elements and cold-formed structures for roof, ceiling, floor and wall applications*
- EN 1090-5, *Execution of steel structures and aluminium structures - Part 5: Technical requirements for cold-formed structural aluminium elements and cold-formed structures for roof, ceiling, floor and wall applications*

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