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DS/EN 1991-3:2026 DK NA:202x

**National Annex to: Eurocode 1 - Actions on structures -
Part 3: Actions induced by cranes and machines**

**Nationalt Anneks til: Eurocode 1 - Last på bærende konstruktioner
Del 3: Last fra kraner og maskiner**

Foreword

Published [måned og år].

This National Annex (NA) to DS/EN 1991-3: 2026 forms part of the Danish national annexes to the second generation of Eurocodes.

During a transition period stated in the Building Regulations, both the first generation and the second generation of the Eurocodes and NAs may be applied.

This NA cannot be used in conjunction with the first generation of Eurocodes.

This NA lays down the conditions for the Danish implementation of DS/EN 1991-3: 2026 for construction works in conformity with the Danish Building Regulations; Bygningsreglementet 2018 (BR 18). Other parties may bring this NA into force by reference.

The Eurocodes establish the principle that certain parameters are left open for national determination. These parameters are referred to as *Nationally Determined Parameters* (NDP) and specify the nationally applicable values, classes or methods. Furthermore, the NA may provide *Non-Contradictory, Complementary Information* (NCCI), i.e. additional guidance and alternative methods or values that support the application of the Eurocode without altering or contradicting its provisions.

Further, this National Annex includes NOTES. Notes have the status of guidance and provide additional information intended to assist the understanding or use of the text of the national annex.

In conformity with the Danish Building Regulations, the verbal forms used in this Eurocode and the NA are to be understood as follows:

- “shall” expresses a requirement to be followed
- “should” expresses a recommendation. Alternative approaches could be used if technically justified
- “may” expresses permission within the limits of the Eurocode and the NA
- “can” expresses a possibility or capability
- “is/are” expresses a statement of certainty or a fact

This NA includes:

- Foreword;
- An overview of clauses with possible Nationally Determined Parameters (NDPs) and Non-Contradictory Complementary Information (NCCI);
- National choices to national Determined Parameters (NDP), and Non-Contradictory Complementary Information (NCCI)

Valid versions of the NAs as well as previous versions and addenda can be found at www.bygningsreglementet.dk.

Overview of possible Nationally Determined Parameters (NDPs) and Non-Contradictory Complementary Information (NCCI)

The list below identifies the clauses where Nationally Determined Parameters (NDPs) are possible, and whether a national choice has been made, and if an informative annex is applicable or not applicable. Furthermore, clauses providing complementary information (NCCI) are identified in the list below.

Clause	Subject	Nationally Determined Parameter	Non-Contradictory Complementary Information
6.2.2(2)	Actions from cranes travelling on fixed runways – multiple crane operation	Unchanged	
6.10(1)	Actions from cranes travelling on fixed runways with in-service wind	National Choice	
Annex A	Guidance on crane classification for fatigue design for crane supporting structure	Informative	
Annex B	Guidance on simplified calculation of actions from selected bridge cranes	Informative	
Annex C	Actions from travelling wall cranes	Informative	
<p>NOTE Unchanged: Recommendations in the Eurocode to be followed. National choice: A National Determined Parameter is chosen and defined. Complementary information: (Non-contradictory) complementary information on how to use the Eurocode. Normative: The Annex shall be used. Informative: The Annex may be used. Not applicable: The Annex cannot be used. No further information: The Eurocode allows further information. No further information is given.</p>			

National Determined Parameter (NDP) and Non-contradictory complementary Information (NCCI)

6.10(1) Actions from cranes travelling on fixed runways with in-service wind

(NDP)

$v_{b,0}^*$ is set to 12 m/s.

UDKAST