NATIONAL ANNEX

NA+A2:2018 to
BS EN 1991-1-3:
2003+A1:2015

UK National Annex to Eurocode 1: Actions on structures —

Part 1-3: General actions — Snow loads

ICS 91.010.30; 91.080.01

BSI British Standards

Committees responsible for this National Annex

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British Constructional Steelwork Association

British Masonry Society

Building Research Establishment

Concrete Society

Health and Safety Executive

Highways Agency

Institution of Civil Engineers

Institution of Structural Engineers

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17170	29 June 2007	NA.2.8 equation NA.1 A + 100 changed to A - 100. Figure NA.1 legend for Zone 1 changed from 0,25 to 0,30.
A1	31 December 2015	See Introduction
A2	31 October 2018	See Introduction

Contents

		Page
Committees responsible		Inside front cover
Introduction		1
NA.1	Scope	1
NA.2	Nationally Determined Parameters	1
NA.3	Decisions on the status of informative annexes	8
NA.4	References to non-contradictory complementary information	8
Bibliography		9
List of figures		
Figure NA.1 – Characteristic ground snow load map		3
Figure NA.2 – Snow load shape coefficients for monopitch roofs longer than 10 m		4
Figure NA.3 – Drifted snow load shape coefficient for duo-pitched roofs		5
Figure NA.4 – Drifted snow load shape coefficients for cylindrical roofs		7
List of tables		
Table NA.1 – Snow load shape coefficients for monopitch roofs longer than 10 m		5
Table NA.2 – Drifted snow load shape coefficient for duo-pitched roofs		5
Table NA.3 – Drifted snow load shape coefficients for cylindrical roofs		6

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National Annex (informative) to BS EN 1991-1-3:2003, Eurocode 1: Actions on structures — Part 1-3: General actions — Snow loads

Introduction

This National Annex has been prepared by BSI Subcommittee B/525/1, *Actions (loadings) and basis of design*. In the UK it is to be used in conjunction with BS EN 1991-1-3:2003+A1:2015.

The start and finish of text introduced or altered by National Amendment No.1 (and No. 2, respectively) are indicated in the text by tags [A1⟩ ⟨A1] (and [A2⟩ ⟨A2]). Minor editorial changes are not tagged.

National Amendment No.1 was made to reflect CEN amendment A1 to BS EN 1991-1-3:2003.

NA.1 Scope

This National Annex gives:

a) the UK decisions for the Nationally Determined Parameters described in the following subclauses of BS EN 1991-1-3:2003+A1:2015:

- **1.1** (2)
- **1.1** (3)
- **1.1** (4)
- **2** (3)
- **2** (4)
- **3.3** (1)
- **3.3** (3)
- **4.1** (1)
- **4.1** (2)
- **4.2** (1)
- **4.3** (1)
- **5.2** (2)
- **5.2** (5)
- **5.2** (6)
- **5.2** (7)
- **5.2** (8)
- [A1⟩ **5.3.2** (3) ⟨A1]
- **5.3.3** (4)
- **5.3.4** (3)
- **5.3.5** (1)
- **5.3.5** (3)
- **5.3.6** (1)
- **5.3.6** (3)
- **6.2** (2)
- **6.3** (1)
- **6.3** (2)
- Annex A (1)

b) the UK decisions on the status of BS EN 1991-1-3:2003+A1:2015 informative annexes;

c) references to non-contradictory complementary information.

NA.2 Nationally Determined Parameters

NA.2.1 Altitudes greater than 1 500 m [BS EN 1991-1-3:2003+A1:2015, 1.1 (2)]

The scope of BS EN 1991-1-3 does not include sites at altitudes above 1 500 m. For altitudes greater than 1 500 m specialist advice should be sought from the Meteorological Office on the snow loads likely to occur at the site.

NA.2.2 Design situations and load arrangements to be used for different locations [BS EN 1991-1-3:2003+A1:2015, 1.1 (3)]

The scope of BS EN 1991-1-3 states that information on design situations and load arrangements to be used for different locations is given in BS EN 1991-1-3:2003+A1:2015, Annex A.

The design situations summarized as case B2 in BS EN 1991-1-3:2003+A1:2015, Table A.1 should be the only exceptional condition to be checked for determining imposed [A2⟩ building and civil engineering structures ⟨A2] snow loads in the UK.

NA.2.3 Snow load shape coefficients for exceptional snow drifts [BS EN 1991-1-3:2003+A1:2015, 1.1 (4)]

The scope of BS EN 1991-1-3 states that information on snow load shape coefficients for exceptional snow drifts is given in BS EN 1991-1-3:2003+A1:2015, Annex B.

BS EN 1991-1-3:2003+A1:2015, Annex B should be used in the UK in order to determine exceptional snow drift loads.

NA.2.4 Exceptional snow load on the ground [BS EN 1991-1-3:2003+A1:2015, 2 (3)]

Exceptional snow load on the ground [A2⟩ is not considered to occur in the UK ⟨A2].