NATIONAL ANNEX

UK National Annex to Eurocode 1: Actions on structures –

Part 1-5: General actions – Thermal actions

ICS 91.010.30

British Standards

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National Annex (informative) to BS EN 1991-1-5:2003, Actions on structures – Part 1-5: General actions – Thermal actions

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 1991-1-5:2003.

NA.1 Scope

This National Annex gives:

a) the UK decisions for the Nationally Determined Parameters described in the following subclauses of BS EN 1991-1-5:2003

— **5.3**(2)
— **6.1.1**(1)
— **6.1.2**(2)
— **6.1.3.1**(4)
— **6.1.3.2**(1)
— **6.1.3.3**(3)
— **6.1.4**(3)
— **6.1.4.1**(1)
— **6.1.4.2**(1)
— **6.1.4.3**(1)
— **6.1.4.4**(1)
— **6.1.5**(1)
— **6.1.6**(1)
— **6.2.1**(1)P
— **6.2.2**(1)
— **6.2.2**(2)
— **7.2.1**(1)
— **7.5**(3)
— **7.5**(4)
— **A.1**(1)
— **A.1**(3)
— **A.2**(2)
— **B**(1)

b) the UK decisions on the status of BS EN 1991-1-5:2003 informative annexes C and D (see **NA.3**); and

c) references to non-contradictory complementary information.

NA.2 Nationally Determined Parameters

NA.2.1 Determination of temperature profiles [BS EN 1991-1-5:2003, 5.3(2)]

The values recommended in BS EN 1991-1-5:2003, Table 5.1, should be used.

The values recommended in BS EN 1991-1-5:2003, Table 5.2, should be used, except that the minimum shade air temperature T_{min} and the maximum shade air temperature T_{max} should be obtained from Figure NA.1 and Figure NA.2, respectively.

The values recommended in BS EN 1991-1-5:2003, Table 5.3, should be used.

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