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Ministry of Housing, Infrastructure and Outlying Districts

EN 1995-1-1 GL NA:2025

National Annex to

Eurocode 5: Design of timber structures – Part 1-1: General – Common rules and rules for buildings

Foreword

This Greenlandic National Annex (GL NA) replaces EN 1995-1-1 GL NA:2024.

This Annex is based on DS/EN 1995-1-1 DK NA:2024.

Scope

This Annex is adapted to national, geographical and climatic conditions as well as national legislation and specifies how EN 1995-1-1:2007, including its 2007 corrigenda and its 2008 and 2014 amendments are to be applied in Greenland.

The Annex provides Greenlandic national choices.

The numbering in the Annex refers to the numbering in EN 1995-1-1:2007 or DS/EN 1995-1-1 DK NA:2024.



Overview of Greenlandic national choices and complementary information

DS/EN 1995-1-1 DK NA:2024 is applicable with the following national choices and complementary information:

Clause	Subject	Change
DK NA	References in DK NA	National choice
2.3.1.2(2)P	Load-duration classes	National choice
2.4.1(1)P	Partial factors for material properties	National choice



National choices

References in DK NA

References in DS/EN 1995-1-1 DK NA:2024 to other Danish National Annexes are replaced by references to corresponding Greenlandic National Annexes. Where these do not exist, the Danish National Annexes apply.

2.3.1.2(2)P Load-duration classes

Examples of assignment of actions to load-duration classes in Greenland appear from Table 2.2 GL NA.

Table 2.2 GL NA – Examples of load-duration assignment

Load-duration class	Examples of loading
Permanent	Self-weight
Long-term	Silo storage, Category E, see DS/EN 1990.
Medium-term	- snow loads; medium-term forces resulting from temperature and moisture effects, e.g. seasonal variations; - other variable actions not otherwise specified.
Short-term	- variable loads on concrete forms; - variable loads on scaffolding and temporary structures; - short-term forces due to temperature and moisture exposure, e.g. variations over the course of the day.
Instantaneous	- accidental loads; - wind loads; - impact forces, including impact allowance; - random person loads (concentrated loads) on roofs and similar loads; - mooring forces from ships; - short-term actions on quays; - braking and acceleration forces; - wave and ice pressures.

2.4.1(1)P Partial factors for material properties

For structures covered by the Danish Building Regulations 2024, chap. 1.3, section 6 and 7, the extended control class cannot be applied, and γ_3 is taken as 1,00.

For the manufacturing of components with attestation level AVCP 1+, 1 and 2+ and with certification for the scope of inspection at least corresponding to provisions in DS/EN 1990 DK NA:2024, Annex F DK NA (7) and (8), γ_3 may be taken as 0,95.