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Ministry of Housing, Infrastructure and Outlying Districts

DS/EN 1991-1-7 GL NA:2025

National Annex to

Eurocode 1: Actions on structures – Part 1-7: General actions – Accidental actions

Foreword

This Greenlandic National Annex (GL NA) replaces EN 1991-1-7 GL NA:2024.

This Annex is based on DS/EN 1991-1-7 DK NA:2024.

Scope

This Annex is adapted to national, geographical and climatic conditions as well as national legislation and specifies how EN 1991-1-7:2007 and subsequent corrigenda are to be applied in Greenland.

The Annex provides Greenlandic national choices.

The numbering in the Annex refers to the numbering in EN 1991-1-7:2007 or DS/EN 1991-1-1 DK NA:2024.



Overview of Greenlandic national choices and complementary information

DS/EN 1991-1-7 DK NA:2024 is applicable with the following national choices and complementary information:

Clause	Subject	Choice
DK NA	References in DK NA	National choice
4.3.1(1) NOTE 1	Impact on supporting substructures Values of vehicle impact forces	National choice
4.3.2(1) NOTE 1	Impact on superstructures	National choice



National choices

References in DK NA

References in DS/EN 1991-1-7 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.

4.3.1(1) NOTE 1 Impact on supporting substructures, Values of vehicle impact forces

Table 4.1 is replaced by Table 4.1 GL NA below:

Table 4.1 GL NA – Indicative equivalent static design forces due to vehicular impact on members which support structures over or adjacent to roadways

Category of traffic	Force F_{dx}^a [kN]	Force F_{dy}^a [kN]
Roads	750	500
Courtyards and parking garages with access for:		
- Vehicles with max. mass weight < 3,5 tons	100	50
- Vehicles with max. mass weight \geq 3,5 tons	200	100
^a x = direction of normal travel, y = perpendicular to the direction of normal travel.		

4.3.2(1) NOTE 1 Impact on superstructures

Table 4.2 is replaced by Table 4.2 GL NA below:

Table 4.2 GL NA – Indicative equivalent static design actions due to impact on superstructures

Category of traffic	Static equivalent impact forces, F_{dx}^a [kN]
Roads	375
Courtyards and parking garages	100
^a x = direction of normal travel	

