SCIA
A NEMETSCHEK COMPANY

Theoretical Background

National Annexes to EN 1990

SCIAENGINEER

Table of contents

Version Information

Welcome to the Theoretical Background for National Annexes to EN 1990.

This document provides background information regarding the application of NDP items according to different countries.

Version info

Document Title	Theoretical Background – National Annexes to EN 1990
Release	19.0
Revision	07/2019

Introduction

In this Theoretical background in depth information is given regarding the application of National Annexes to EN 1990 for different countries.

More specifically this concerns the following codes:

Eurocode 0
Basis of Structural Design
EN 1990:2002

Addendum
EN 1990:2002/A1:2005

Corrigendum
EN 1990:2002/A1:2005/AC:2008

Corrigendum
EN 1990:2002/A1:2005/AC:2010

The first chapter gives an overview of all NDP articles given in EN 1990 and specifies which of those articles are supported by SCIA Engineer.

The subsequent chapters provide details on the specific implementation of the supported articles for different countries.

National Choice in EN 1990

This chapter specifies the articles of EN 1990 in which a national choice is allowed. In addition for each article information is given if the article is supported within SCIA Engineer.

EN 1990

Article	Commentary
A1.1(1)	NA may give guidance *No default implementation/Not supported for SCIA Engineer*
A1.2.1(1)	NA may give modifications to combinations for verifying ULS and SLS *No default implementation/Not supported for SCIA Engineer*
A1.2.2 (Table A1.1)	Psi factors for buildings *NA data supported in SCIA Engineer*
A1.3.1(1) (Tables A1.2(A) to (C))	Design values of actions in persistent and transient design situations. Safety factors Set A, Set B, Set C *NA data supported in SCIA Engineer*
A1.3.1(5)	Design Approach for Geotechnics *NA data supported in SCIA Engineer* *See Theoretical Background – National Annexes to EN 1997*
A1.3.2 (Table A1.3)	Design values of actions in the accidental and seismic design situations *NA data supported in SCIA Engineer*
A1.4.2(2)	Serviceability criteria *No default implementation/Not supported for SCIA Engineer*

National Annexes

This chapter provides details on the specific implementation of the supported articles for different countries. Only those items for which a country differs from the default EN are elaborated. For more information reference is made to the EN code and the respective National Annex documents.

EN 1990

Austria

According to Austrian National Annex ÖNORM B 1990-1:2004.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>Using the default EN</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.20</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Belgium

According to Belgian National Annex NBN EN 1990-ANB:2012.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:
<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Snow H < 1000m</td><td>0,5</td><td>0</td><td>0</td></tr>
<tr><td>Wind</td><td>0,6</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
<tr><td>Settlements</td><td>1,0</td><td>1,0</td><td>1,0</td></tr>
<tr><td>Special loads during execution</td><td>1,0</td><td>1,0</td><td>0,2</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default. Eq.6.10a & Eq.6.10b can be set if required.
The Load Combination factors are set as follows:
<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.10</td></tr>
<tr><td>Accompanying variable</td><td>1.10</td></tr>
</table>
In addition the KFI values are set as follows:
<table>
<tr><th colspan="2">KFI for Set B</th></tr>
<tr><td>RC1</td><td>0.90</td></tr>
<tr><td>RC2</td><td>1.00</td></tr>
<tr><td>RC3</td><td>1.20</td></tr>
<tr><th colspan="2">KFI for Set C</th></tr>
</table></td></tr>
</table>

	RC1 — *1.00* *RC2* — *1.00* *RC3* — *1.10*
A1.3.1(5)	*See Theoretical Background – National Annexes to EN 1997*
A1.3.2 (Table A1.3)	*Using the default EN*

Cyprus

According to Cypriot National Annex NA to CYS EN 1990:2002, 2010.

Article	Commentary
A1.2.2 (Table A1.1)	*Using the default EN*
A1.3.1(1) (Tables A1.2(A) to (C))	***Eq.6.10*** *is set by default.*
A1.3.1(5)	*See Theoretical Background – National Annexes to EN 1997*
A1.3.2 (Table A1.3)	*Using the default EN*

Czech Republic

According to Czech National Annex CSN EN 1990/NA ed.A:2011-06.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>
<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0,7</td><td>0,2</td><td>0</td></tr>
<tr><td>Snow (Finland,…)</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Snow H > 1000m</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Snow H < 1000m</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,6</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
<tr><td>Ice Loads</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Water with variable depth</td><td>0,5</td><td>0,2</td><td>0</td></tr>
</table>
</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default. Eq.6.10 can be set if required.
The Load Combination factors are set as follows:
<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table>
</td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Denmark

According to Danish National Annex DS/EN 1990 DK NA:2013

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:

<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,5</td><td>0,3</td><td>0,2</td></tr>
<tr><td>Category B</td><td>0,6</td><td>0,4</td><td>0,2</td></tr>
<tr><td>Category C</td><td>0,6</td><td>0,6</td><td>0,5</td></tr>
<tr><td>Category D</td><td>0,6</td><td>0,6</td><td>0,5</td></tr>
<tr><td>Category E</td><td>0,8</td><td>0,8</td><td>0,7</td></tr>
<tr><td>Category F</td><td>0,6</td><td>0,6</td><td>0,5</td></tr>
<tr><td>Category G</td><td>0,6</td><td>0,4</td><td>0,2</td></tr>
<tr><td>Category H</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Snow</td><td>0,3</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,3</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
</table>
For Wind and Snow, the Danish NA gives different values for different cases. The values provided by default in SCIA Engineer are those of the 'Other' case.</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a "modified" & Eq.6.10b are set by default. Only this is setting is available.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.20</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.83</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.10</td></tr>
<tr><td>Permanent -favourable</td><td>0,90</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
</table>
Note: For Set B Combination 1 & 2 of the Danish NA is used.
For Set C Combination 4 of the Danish NA is used.
Note: The base EN 1990 provides only one Gamma,G,inf value to be used by both 6.10a and 6.10b combinations. The Danish NA gives different values, therefore the conservative value is used.
Note: The base EN 1990 provides only one set of Gamma,G values to be used for any type of permanent action. The Danish NA gives different sets, only the general set is used.
Note: For Set B Gamma,G,sup is used as 1,20 in 6.10a and 1,00 in 6.10b => Ksi = 1,00 / 1,20 = 0,8333</td></tr>
</table>

<table>
<tr><td></td><td>In addition the KFI values are set as follows:

<table>
<tr><th colspan="2">KFI for Set B</th></tr>
<tr><td>RC1</td><td>0.90</td></tr>
<tr><td>RC2</td><td>1,00</td></tr>
<tr><td>RC3</td><td>1.10</td></tr>
<tr><th colspan="2">KFI for Set C</th></tr>
<tr><td>RC1</td><td>1,00</td></tr>
<tr><td>RC2</td><td>1,00</td></tr>
<tr><td>RC3</td><td>1.00</td></tr>
</table>
Note: The Reliability Class represents the Safety Class and the KFI represents the γ_d</td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Finland

According to Finnish National Annex SFS EN 1990 NA.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:

<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,3</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Snow H > 1000m</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Snow H < 1000m</td><td>0,7</td><td>0,4</td><td>0,2</td></tr>
<tr><td>Wind</td><td>0,6</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
<tr><td>Ice Loads</td><td>0,7</td><td>0,3</td><td>0</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a "modified" & Eq.6.10b are set by default.
Eq.6.10a & Eq.6.10b can be set if required.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>0.90</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

France

According to French National Annex NF P 06-100-2:2004.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:
<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Snow H > 1000m</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Snow H < 1000m</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,6</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
<tr><td>Snow Saint-Pierre-et-Miquelon</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Category K (Helicopter)</td><td>1,0</td><td>0,9</td><td>0,5</td></tr>
<tr><td>Category K (Other loading)</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default.
The Load Combination factors are set as follows:
<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Germany

According to German National Annex DIN EN 1990/NA:2010-12.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:

<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Snow H > 1000m</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Snow H < 1000m</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,6</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
<tr><td>Settlements</td><td>1,0</td><td>1,0</td><td>1,0</td></tr>
<tr><td>Other Actions</td><td>0,8</td><td>0,7</td><td>0,5</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Greece

According to Greek National Annex ELOT EN 1990/A1:2006/NA:2010.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>Using the default EN</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Ireland

According to Irish National Annex I.S. EN 1990/NA:2005.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:

<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0,6</td><td>0,5</td><td>0</td></tr>
<tr><td>Snow</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,6</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default. Eq.6.10a & Eq.6.10b can be set if required.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Italy

According to Italian National Annex UNI-EN-1990:2010.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>Using the default EN</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.30</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table>
Note: γ_G is taken as γ_{G2}</td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Luxembourg

According to Luxembourgian National Annex EN1990:2002/AN-LU:2011.

Article	Commentary
A1.2.2 (Table A1.1)	*Using the default EN*
A1.3.1(1) (Tables A1.2(A) to (C))	***Eq.6.10*** *is set by default.* ***Eq.6.10a & Eq.6.10b*** *can be set if required.*
A1.3.1(5)	*See Theoretical Background – National Annexes to EN 1997*
A1.3.2 (Table A1.3)	*Using the default EN*

Malaysia

According to Malaysian National Annex MS EN 1990: 2010.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:

<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0,7</td><td>0</td><td>0</td></tr>
<tr><td>Snow H > 1000m</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Snow H < 1000m</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default. Eq.6.10 can be set if required.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.925</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Netherlands

According to Dutch National Annex NEN-EN 1990+A1+A1/C2:2011/NB:2011.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:

<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,4</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,5</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,6</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,4</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Snow H < 1000m</td><td>0</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0</td><td>0,5</td><td>0</td></tr>
<tr><td>Rain water</td><td>0</td><td>0</td><td>0</td></tr>
</table>
Note: For Psi0 of Category C by default the more conservative value of 0,6 is used which can be modified by the user if required.</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>0.90</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.89</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table>

In addition the KFI values are set as follows:

<table>
<tr><th colspan="2">KFI for Set B</th></tr>
<tr><td>RC1</td><td>0.90</td></tr>
<tr><td>RC2</td><td>1.00</td></tr>
<tr><td>RC3</td><td>1.10</td></tr>
<tr><th colspan="2">KFI for Set C</th></tr>
<tr><td>RC1</td><td>1.00</td></tr>
</table></td></tr>
</table>

	RC2 1.00 *RC3* 1.00
A1.3.1(5)	*See Theoretical Background – National Annexes to EN 1997*
A1.3.2 (Table A1.3)	*Using the default EN*

Norway

According to Norwegian National Annex NS-EN 1990:2002/NA:2008+A1:2010.

Article	Commentary
A1.2.2 (Table A1.1)	*Using the default EN*
A1.3.1(1) (Tables A1.2(A) to (C))	***Eq.6.10a & Eq.6.10b*** *are set by default.* *The Load Combination factors are set as follows:* ***Set B*** *Permanent - unfavourable* 1.35 *Permanent -favourable* 1.00 *Leading variable* 1.50 *Accompanying variable* 1.50 *Ksi* 0.89 ***Set C*** *Permanent - unfavourable* 1.00 *Permanent -favourable* 1.00 *Leading variable* 1.30 *Accompanying variable* 1.30
A1.3.1(5)	*See Theoretical Background – National Annexes to EN 1997*
A1.3.2 (Table A1.3)	*Using the default EN*

Poland

According to Polish National Annex PN-EN 1990:2004.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>Using the default EN</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Romania

According to Romanian National Annex SR EN 1990:2004/NA:2006.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:
<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0,7</td><td>0</td><td>0</td></tr>
<tr><td>Snow</td><td>0,7</td><td>0,5</td><td>0,4</td></tr>
<tr><td>Wind</td><td>0,7</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
</table>

Note: For Temperature loading the Romanian National Annex SR EN 1990 refers to the NA of SR EN 1991-1-5. However this NA does not give Psi values. Therefore the default EN values are used for Temperature.</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default.
The Load Combination factors are set as follows:
<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Singapore

According to Singaporean National Annex NA to SS EN 1990: 2008+A1:2010.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:
<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0,7</td><td>0</td><td>0</td></tr>
<tr><td>Snow H > 1000m</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Snow H < 1000m</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default. Eq.6.10 can be set if required.
The Load Combination factors are set as follows:
<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.925</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Slovakia

According to Slovak National Annex STN EN 1990/NA:2009.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>Using the default EN</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default. Eq.6.10a & Eq.6.10b can be set if required.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Slovenia

According to Slovenian National Annex SIST EN 1990:2004/A101:2005.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>Using the default EN</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10 is set by default.
The Load Combination factors are set as follows:

<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.85</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table>
</td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>

Spain

No National Annex currently available, using default EN

Sweden

According to Swedish National Annex BFS 2011:10 EKS 8.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:

<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Wind</td><td>0,3</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
</table>
Note: For Snow see the Theoretical Background for EN 1991</td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default.
The Load Combination factors are set as follows:
<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.89</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.10</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.40</td></tr>
<tr><td>Accompanying variable</td><td>1.40</td></tr>
</table>
In addition the KFI values are set as follows:
<table>
<tr><th colspan="2">KFI for Set B</th></tr>
<tr><td>RC1</td><td>0.83</td></tr>
<tr><td>RC2</td><td>0.91</td></tr>
<tr><td>RC3</td><td>1.00</td></tr>
<tr><th colspan="2">KFI for Set C</th></tr>
<tr><td>RC1</td><td>0.83</td></tr>
<tr><td>RC2</td><td>0.91</td></tr>
<tr><td>RC3</td><td>1.00</td></tr>
</table>
Note: The Reliability Class represents the Safety Class and the KFI represents the γ_d</td></tr>
</table>

A1.3.1(5)	*See Theoretical Background – National Annexes to EN 1997*
A1.3.2 (Table A1.3)	*Using the default EN*

United Kingdom

According to British National Annex BS EN 1990/NA:2004.

<table>
<tr><th>Article</th><th>Commentary</th></tr>
<tr><td>A1.2.2 (Table A1.1)</td><td>The Psi factors are set as follows:
<table>
<tr><th>Load</th><th>Psi0</th><th>Psi1</th><th>Psi2</th></tr>
<tr><td>Category A</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category B</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category C</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category D</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category E</td><td>1,0</td><td>0,9</td><td>0,8</td></tr>
<tr><td>Category F</td><td>0,7</td><td>0,7</td><td>0,6</td></tr>
<tr><td>Category G</td><td>0,7</td><td>0,5</td><td>0,3</td></tr>
<tr><td>Category H</td><td>0,7</td><td>0</td><td>0</td></tr>
<tr><td>Snow H > 1000m</td><td>0,7</td><td>0,5</td><td>0,2</td></tr>
<tr><td>Snow H < 1000m</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Wind</td><td>0,5</td><td>0,2</td><td>0</td></tr>
<tr><td>Temperature</td><td>0,6</td><td>0,5</td><td>0</td></tr>
</table></td></tr>
<tr><td>A1.3.1(1) (Tables A1.2(A) to (C))</td><td>Eq.6.10a & Eq.6.10b are set by default. Eq.6.10 can be set if required.
The Load Combination factors are set as follows:
<table>
<tr><th colspan="2">Set B</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.35</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.50</td></tr>
<tr><td>Accompanying variable</td><td>1.50</td></tr>
<tr><td>Ksi</td><td>0.925</td></tr>
<tr><th colspan="2">Set C</th></tr>
<tr><td>Permanent - unfavourable</td><td>1.00</td></tr>
<tr><td>Permanent -favourable</td><td>1.00</td></tr>
<tr><td>Leading variable</td><td>1.30</td></tr>
<tr><td>Accompanying variable</td><td>1.30</td></tr>
</table></td></tr>
<tr><td>A1.3.1(5)</td><td>See Theoretical Background – National Annexes to EN 1997</td></tr>
<tr><td>A1.3.2 (Table A1.3)</td><td>Using the default EN</td></tr>
</table>