

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 61400-1
Edition 3.1 2014-04

Wind turbines –
Part 1: Design requirements

IEC 61400-1
Edition 3.1 2014-04

Eoliennes –
Partie 1: Exigences de conception

CORRIGENDUM 1

NOTE This corrigendum concerns only the Final version of IEC 61400-1 CSV, which was published in 2014-04.

NOTE Ce corrigendum ne concerne que la Version finale de l'IEC 61400-1 CSV, publiée en 2014-04.

7.6.2.1 Partial safety factors for loads

In the footnote of Table 3, replace the existing formula:

$$\zeta = \begin{cases} 1 - \frac{|F_{\text{gravity}}|}{F_k}; & |F_{\text{gravity}}| \leq |F_k| \\ 0; & |F_{\text{gravity}}| > |F_k| \end{cases}$$

by the following formulae:

$$\gamma_t = 1,1 + \varphi \zeta^2$$
$$\varphi = \begin{cases} 0,15 & \text{for DLC1.1} \\ 0,25 & \text{otherwise} \end{cases}$$
$$\zeta = \begin{cases} 1 - \frac{|F_{\text{gravity}}|}{F_k}; & |F_{\text{gravity}}| \leq |F_k| \\ 0; & |F_{\text{gravity}}| > |F_k| \end{cases}$$

7.6.2.1 Facteurs de sécurité partielle des charges

Dans la note de bas de page du Tableau 3, remplacer la formule existante:

$$\zeta = \begin{cases} 1 - \frac{|F_{\text{gravity}}|}{F_k}; & |F_{\text{gravity}}| \leq |F_k| \\ 0; & |F_{\text{gravity}}| > |F_k| \end{cases}$$

par les formules suivantes:

$$\gamma_t = 1,1 + \varphi \zeta^2$$
$$\varphi = \begin{cases} 0,15 & \text{for DLC1.1} \\ 0,25 & \text{otherwise} \end{cases}$$
$$\zeta = \begin{cases} 1 - \frac{|F_{\text{gravity}}|}{F_k}; & |F_{\text{gravity}}| \leq |F_k| \\ 0; & |F_{\text{gravity}}| > |F_k| \end{cases}$$