

CivilFEM Class3 Error report

ERROR Number: SD2017007

BUG Number: D-02161

First incorrect version: 2015

Will be corrected in version: 2016 SP5

Description of the Error:

Limiting value for effective axial stress in concrete σ'_{cd} is not correctly computed in EHE 2008 code for out of plane chek and design for shell elements. The following limitation values are not taken into account in the final value of effective axial stress:

$$\sigma'_{cd} < 0.30 \cdot f_{cd} \leq 12 \text{ MPa (Compression positive)}$$

Besides, limiting value of 2 for ξ is not taken into account as well:

$$\xi = 1 + \sqrt{\frac{200}{d}}, d \text{ in mm} < 2$$

Suggested User Action For Running on Uncorrected Version:

σ'_{cd} and ξ values affect the contribution to the shear strength, V_{cu} , V_{u2} . There is no suggested action.

Comments:

This error affects only EHE 2008 code.

25/04/2017

X



Author Signature
Firmado por: Ronald Siat

25/04/2017

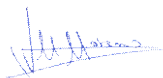
X



Reviewed by QA Manager
Firmado por: Hugo González

25/04/2017

X



Development Manager Approval
Firmado por: José M. Moreno