



“Execution of special geotechnical works”
“Exécution des travaux géotechniques spéciaux”
“Ausführung von Arbeiten im Spezialtiefbau”

CEN/TC 288

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Creation of new Task Group of CEN/TC 288: TG “Annexes for design rules: Liaison with CEN/TC 250/SC 7/WG 3”:

Call for experts

C COMMENTARIES

During its plenary meeting on June 2015, CEN/TC 288 decided to write a letter to CEN/TC 250/SC 7 asking SC 7 to study the issue of the loophole for the characterization of the strength and deformability of the material jet grouting as well as for bodies installed by grouting or deep soil mixing. Indeed none of the design standards contain appropriate regulations for those materials. It appears as a lack for CEN/TC 288.

The letter from CEN/TC 288 to Dr A. Bond, Chairman of CEN/TC 250/SC 7, about the need of design standards about special geotechnical works, is presented in document CEN/TC 288 N 658.

Please find attached the reply of the Chairman of CEN/TC 250/SC 7 to this letter.

The SC 7 has provided the following answers and proposals :

- SC 7 is in agreement with our proposal to move any design rules that currently appear in the execution standards under CEN/TC 288's jurisdiction to informative annexes. So **any design rules that are needed before 2020 may be included in Informative Annexes in the revised execution standards** ;
- SC 7 Chairman states that the Informative Annexes have to be developed by SC7's WG3/TG7 (which is in charge of the proposed Part 3 of the revised EN 1997 dedicated to "Ground improvement") with input from CEN/TC 288;
- The annexes can then be cancelled and transposed to Eurocode 7 once the revised Eurocode 7 is published.

So, to write the needed design rules in Informative Annexes of execution standards, it's necessary to establish appropriate liaisons between CEN/TC 250/SC 7/WG 3 "Geotechnical constructions" and the relevant CEN/TC 288 Working Groups (WG 17 and WG 18).

After the reply of CEN/TC 250/SC 7 to the CEN/TC 288 letter, there has been some discussion between CEN/TC 250/SC 7 Chairman, CEN/TC 288 Secretary and Chairman to decide the best way to set up this joint work on design rules.

To do it properly, the CEN/TC 288 Chairman, Dr Gilbert, and the secretariat **propose to create a CEN/TC 288's Task Group "Annexes for design rules: Liaison with CEN/TC 250/SC 7/WG 3" which will coordinate and prepare the positions of the CEN/TC 288 for the requirements about design rules.**

Of course, these requirements will be first prepared by WGs. But only one or two WG experts will participate in this new TG to present the position of the WG and to find a consistent CEN/TC 288 position.

This CEN/TC 288/TG will be composed by few experts from CEN/TC 288's Working Groups (1 or 2 from each WG) and Dr Gilbert will be the Convenor of this TG. For each SC 7/WG 3 meeting, the CEN/TC 288/TG will appoint the expert (or the two experts) who will represent CEN/TC 288.

To initiate the work and the liaison between CEN/TC 288 and CEN/TC 250/SC 7/WG 3, we are currently circulating this document to launch a call for experts to compose this new Task Group.

So, the CEN/TC 288/WG 17 and WG 18 are kindly required to nominate one or two WG experts to be member of this TG "Annexes for design rules: Liaison with TC 250/SC 7/WG 3".

Then, the list of TG members will be communicated to Dr Gilbert and to the SC 7/WG 3.

The contact of TG in SC 7/WG 3 will be Mr Adriaan van Seters (Convenor of SC7/WG3).

The first task of this TG will be to identify any material within the current execution standards that could be considered design-related and send Mr Adriaan Van Seters proposals for any changes you would want to make to that existing material. SC7's Task Groups can then decide what is appropriate to go into Eurocode 7 (and where) and what should remain with CEN/TC 288.

SOURCE

Stefan Jehanno (CEN/TC 288 Secretary)

FOLLOW UP

CEN/TC 288/WG 17 and WG 18 are required to appoint one or two WG experts to be member of this TG "Annexes for design rules: Liaison with TC 250/SC 7/WG 3".

The names of the experts have to be sent to CEN/TC 288 Secretary (stefan.jehanno@afnor.org) and Chairman (cgilbert@sysstra.com) by **2016-05-10.**

To: Dr Christian Gilbert (Chairman CEN/TC 288)

From: Dr Andrew Bond (Chairman CEN/TC 250/SC 7)

Date: 21st October 2015

Subject: Design rules in execution standards

[WAS: Loophole in the design standards for jet grouting, grouting and deep mixing materials]

Dear Dr Gilbert,

Thank you for your letter dated 14th September 2015, raising the issue of in which standards design rules for jet grouting, grouting, and deep mixing materials should appear. This is a question that has wider applicability than just these particular ground improvement techniques – it extends to many of the other technical subjects that fall under then remit of TC288 and TC250/SC7.

The decision as to which subjects go in which standards falls to the CEN Technical Board (BT) and was reaffirmed in BT decision C36/2014 dated 6/5/2015, which states:

"BT decides:

- To confirm to CEN/TC 250 the overall responsibility for structural and geotechnical design rules for building and civil engineering;
- That CEN/TCs (products, execution) should refer in their standards (when possible) to the relevant Eurocode parts, when reference to structural and geotechnical design rules are needed;
- that rules relating to structural and geotechnical design should only be included in standards under other CEN/TCs' responsibility following agreement with TC 250;
- that, in cases where rules relating to structural and geotechnical design have been included in standards by other CEN/TCs, a mode of cooperation should be established with CEN/TC 250 to transpose design rules to the relevant Eurocode part where agreed or, as a minimum, eliminate any incompatibilities or ambiguities"

As you know, Eurocode 7 is about to be revised, with the next version of the standard expected sometime around 2020. In the proposed Part 3 of the revised EN 1997 there will be a section dedicated to 'Ground improvement' that will give design rules for jet grouting, grouting, and deep mixing (as well as other techniques). SC7 is establishing a new Task Group (called Working Group 3, Task Group 7) to be responsible for this section of the code. This Task Group will continue the work already started by SC7's Evolution Group 14 on Ground Improvement.

There will be no amendments to Eurocode 7 between now and the next major revision of the standard.

In view of the above, SC7 is in agreement with your proposal to move any design rules that currently appear in the execution standards under TC288's jurisdiction to informative annexes, so they can easily be transposed to Eurocode 7 in due course. The annexes can then be cancelled once the revised Eurocode 7 is published.

With regards to newly developed design rules, however, SC7 proposes that – in order to avoid duplication of effort and divergence of technical requirements – these are developed by SC7's WG3/TG7 with input from TC288. Any design rules that are needed before 2020 may be included in Informative Annexes in the revised execution standards, with the agreement of both TCs.

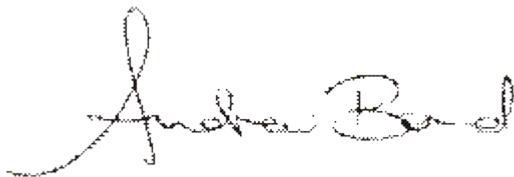
I therefore propose that we formally establish appropriate liaisons between SC7/WG3/TG7 and the relevant TC288 Working Group(s). Indeed, an informal liaison already exists through Robert Essler, who is both a member of SC7/WG3/TG7 and convenor of TG288/WG18.

Please note that SC7 would be happy to propose similar arrangements with regards to any other execution standards that are due for revision before 2020.

I trust that this proposal meets with your approval and allows TC288 to proceed with its valuable work.

Finally, albeit with very short notice, if someone from TC288 would like to attend the next SC7 Working Group meeting to discuss this matter further, he or she would be very welcome. The meeting will be held on Thursday 12th and Friday 13th November 2015 in Dublin. Two sessions for SC7's WG3/TG7 are scheduled for Friday from 09.00-09.45 and 11.00-11.45. Please let me know if you want someone to attend on TC288's behalf.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Andrew Bond". The signature is written in a cursive style with a large initial 'A'.

Andrew Bond

Chairman of CEN/TC 250/SC7

cc: Mr Mark Lurvink, CEN/TC 250/SC 7 Secretary; Mr Stefan Jehanno, CEN/TC 288 Secretary