

Time to rest?

Regarding the new regulation of the coexistence phase of EN 1090-1

The meeting of the standards committee NA 005-08-14 AA (mirror committee DIN 18800 / EN 1090), presided by Mr Hüller (Executive Director of Bauforumstahl e.V. [construction forum steel inc. soc]), was held on 1 March 2012.

Dr Kathage, Vice President of DIBt informed on the topic of the new coexistence phase regulation. Accordingly, it is planned on part of DIBt to issue a notice about this topic shortly. It will then be available for downloading at the link http://www.dibt.de/de/aktuelles_DIBt_Mitteilungen.html.

The following current status regarding the coexistence question must be taken note of:

- The draft sample list of the acknowledged technical rules for works (“Technische Baubestimmungen”, MLTB) dated December 2011 has been notified in Brussels in the meantime. Thus, the implementation of the MLTB can take place as planned toward 01/07/2012.
- As of 01/07/2012 the calculation of steel, composite, and aluminium construction may only be designed in accordance with the applicable Eurocode. If calculations follow the Eurocode however, the standards series EN 1090 must be applied for the design and the CE mark!
- The standards DIN 18800-1 to -4 and DIN 18800-7 will only remain included in the technical rules for works (BRL) A Part 1. This rule was made in order to give manufacturers the opportunity to also be able to produce during the coexistence phase starting on 01/07/2012 for as long as they do not yet have an EC Certificate of Conformity according to EN 1090-1.

Relevant new regulation as of 01/07/2012			
Calculation according to	Production according to	Certificate	Marking of the products
Eurocode 3 - EN 1993 seqq. (steel structures)	EN 1090-2	EC Certificate of Conformity acc. to EN 1090-1	CE mark
Eurocode 4 - EN 1994 seqq. (composite steel and concrete structures)			
Eurocode 9 - EN 1999 (aluminium structures)			
EXCEPTION until 01/07/2014			
DIN 18800-1 to -4	DIN 18800-7	Certificate acc. to DIN 18800-7	Ü mark [conformity mark]
DIN 4113-1 to -2	DIN V 4113-3	Certificate acc. to DIN V 4113-3	

All companies nonetheless considering working with a manufacturer qualification pursuant to DIN 18800-7 for the “coming two years until 2014” must include in their considerations that in cases where the dimensioning was made according to the Eurocode, the present manufacturer qualification will not be valid. In terms of the dimensioning it is irrelevant whether it was provided directly by the company or by the client.

Furthermore it should be noticed that all manufacturer certifications pursuant to DIN 18800-7 will also become invalid upon the end of the coexistence phase according to Guidance Paper J, even if the specified validity period extends beyond 01/07/2014.

In sum, the following results:

- If the prolongation of the coexistence phase until 01/07/2014 is to be used, it must be ensured that the dimensioning was made pursuant to DIN 18800-1 to -4. As of 01/07/2012 however, only the Eurocodes will continue to apply for the dimensioning according to the MLTB

It is therefore urgently recommended for manufacturer companies that still have a certification pursuant to DIN 18800-7 to always enquire as to which rules were applied in the dimensioning of the construction.

- **The manufacturer should give the certification of the factory production control according to EN 1090-1 the priority over technical company audits according to DIN 18800-7.**