

## Short report of the last WG53/CENTC54 meeting – November 22<sup>nd</sup>, 2021

The following are the most important decisions taken during the meeting.

### Outstanding amendments of the previous 2014 edition

The amendment of the 2021 Edition of EN 13445.3 which groups all the outstanding amendments of the previous 2014 edition is now ready to be launched to the Formal Vote.

### Further amendment of Clause 18

A decision was taken about the need for a **further amendment of Clause 18 (detailed assessment of fatigue life)** following to the works in progress in WG59 (Creep). WG59 has in fact prepared a **new Appendix of part 3 (Appendix W)** which lists for all the steel qualities the **“temperatures of negligible creep”** to be considered for the validity of the fatigue curves provided in Clause 18. Of course this appendix is also subject to an approval procedure (Publish Enquiry, processing of comments and Formal Vote), therefore the new amendment of Clause 18 must be delayed after the approval of the new appendix, or at least must be presented at the Public Enquiry at the same time: in fact according to the “new way of working” it is possible to present a single amendment per part and per year, in which all the possible modifications of all clauses must be included.

### Vertical vessels on legs – Hot tensile properties of structural steels

The draft on this subject is being finalized. Considering that legs are generally made of structural steels **without specified hot tensile characteristics**, a note concerning the hot tensile properties of structural steels will also be added on Clause 16. Also vessels on legs should be included in the first yearly amendment of EN 13445.3:2021.

### Horizontal forces for vessels on saddles

A draft is being prepared and will be discussed at the next meeting.

### Further work on Annex G (Alternative design rules for flanges and gasketed flange connections)

A new preliminary work item on Annex G shall mainly consider the calculation of **flanges bolted to heat exchanger tubesheets**, however it will be opened as soon as a draft will be available.

### Flanges with slotted holes

**Clause 11 (Flanges) will be updated** in order to consider flanges with slotted holes. This will be also included in the first yearly amendment of part 3.

### Date of the next meeting

The next WG53 plenary meeting will be held also as a virtual meeting on **9.5.2022**.