

## Short report of the 61<sup>st</sup> CEN TC54 meeting – November 24<sup>th</sup>, 2022

### 1. HAS Consultant activity

The HAS consultants (the persons that must examine all the amendments of the harmonized standards to check their compliance with the Pressure Equipment Directive) have now been appointed and are starting their activity. This will allow the Formal Vote on all the amendments of the 2021 edition that had passed the Public Enquiry, but could not pass to the Formal Vote without a further examination by the HAS consultant.

### 2. WG52 (Material Selection)

Amendment 1 to EN 13445.2:2021 has been submitted to CCMC for the Formal Vote.

### 3. WG53 (Design Methods)

Since many months Amendment 1 to EN 13445-3:2021 is ready to be examined by the HAS Consultant before the Formal Vote: all other work items in charge of WG53 are influenced by the approval of this Amendment, so that a new meeting of WG53 cannot take place before this approval (see also the short report of the last WG53 meeting). Note also that the work of WG59 (Creep) is conditioning the work of WG53, because its impact on Clause 18 (Fatigue) and Clause 19 (Creep) of EN 13445.3

### 4. WG54 (Manufacture)

Amendment 1 to EN 13445.4:2021 has been submitted to CCMC for the Formal Vote.

### 5. WG54 (Inspection and Testing)

PrEN 764.7 (Safety systems on unfired Pressure Vessels) is pending the Formal Vote. Problems raised by the HAS consultant assessment are still delaying its progress. Amendment 1 to EN 13445.5:2021 has been submitted to CCMC for its 2<sup>nd</sup> Formal Vote.

### 6. WG54 (Nodular Cast Iron vessels)

No work in course due to the Convenor's vacancy. EN 15776 (Requirements for the design and fabrication of pressure vessels and pressure vessel parts constructed from cast iron with an elongation after fracture equal or less than 15 %) has been published in July 2022.

### 7. WG59 (Creep)

The convenor Mr Baylac explained that WG59 has been actively meeting and working on a proposed new Technical Report on "*Negligible creep of steels for EN 13445.3*". However, the content of this report is limited to 3 different steel qualities only, while a much wider series of steels should be considered to properly update Clause 18 and 19 of EN 13445.3. Therefore CEN/TC 54 agreed to circulate and obtain the approval of the document in the form of a Technical Specification, while Mr. Baylac will examine the possibility of getting the necessary funding for a larger study on this subject (the intervention of EPERC on this point has to be discussed with Mr. Baylac). In any case the approval of Amendment 1 of EN13445.3:2021 is necessary in order to make progress also in WG59.

### 8. WG60 (Aluminium)

Amendment 1 to EN 13445.8:2021 is currently being checked before the submission to CEN/TC 54 for the Formal Vote.

### 9. WG 6 (Nickel and Nickel alloys)

No progress after the publication of EN 13445.10:2021

### 10. WG 7 (Titanium and Titanium alloys)

PrEN 13445.11 has been submitted to CCMC for the Formal Vote stage, however the previous assessment of the HAS Consultant is necessary.

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**11. WG 8 (Copper and Copper alloys)**

The work on prEN 13445.12 will be re-activated. WG8 is now examining the Public Enquiry comments.

**12. WG 9 (Revision of EN 286 – Simple unfired pressure vessels for Air and Nitrogen)**

All the 4 parts of EN 286 have been submitted to the Formal Vote a few days after the meeting, with a positive result (there are some editorial comments to be examined)

**13. WG 11 (Additive manufacturing)**

There is a draft of EN 13445.14, that has still submitted to the Public Enquiry

**14. Hydrogen**

There is a request from Germany for a new Preliminary Work Item for a specific part of EN13445 on Hydrogen applications.

The next meeting of TC 54 will be held in November 2023.

December 27<sup>th</sup> 2023

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(Convenor of WG53/CENTC54)