



« Industrial piping and pipelines »

CEN/TC 267

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Secretariat Report
CEN/TC 267 "Industrial piping and pipelines"
37th Plenary meeting
23rd November 2023

C
OMMENTS/
D
ECISIONS

Report of the secretariat for the 37th plenary meeting of CEN/TC 267 to be held on 23rd November 2023 (Paris – UNM and Zoom)

F
OLLOW UP

For presentation - CEN/TC 267 Plenary meeting 2023-11-23
Item 6 of the Draft Agenda CEN/TC 267 N 1468

S
OURCE

Patrick AMESLON, UNM on behalf of AFNOR,
CEN/TC 267 Secretariat



1 SCOPE

Standardization of rules constituting a design and manufacturing code comprising the choice of materials, design, fabrication, installation, inspection and testing of industrial piping and pipeline, including the choice of safety systems. The meaning of "industrial piping" is the following: Pipes or pipe networks located on the premises of an industrial site. The meaning of "pipelines" is the following: Pipes or pipe networks located outside premises of an industrial site.

The following are excluded from the scope of CEN/TC 267:

- Pipelines for waste water, and piping for waste water, the latter being directly evacuated via the sewer system outside of industrial premises and/or in the environment (dealt within CEN/TC 165);
- Pipelines for gaseous fuels (that is to say any fuel that is in gaseous state at a temperature of 15°C and at a pressure of 1 bar (dealt with in CEN/TC 234);
- Piping and pipelines for water for human consumption (dealt with in CEN/TC 164);
- Pipelines for petroleum and natural gas industries (dealt with in CEN/TC 12).

The limits between piping and pipelines are defined by CEN/TC 267/WG 1.

2 STRUCTURE

TC	Title	Chairman	Secretary
267	Industrial piping and pipelines	Mr. Forterre (France)	Mr. Ameslon (UNM - France)

WG	Title	Convenor	Secretary
1	General (joint with CEN/TC 54)	Mr. Forterre (France)	Mr. Ameslon (UNM - France)
2	Metallic materials (joint with CEN/TC 54)	Mr. Langenberg (Germany)	Mr. Ameslon (UNM - France)
3	Design and calculation	Mr. Forterre (France)	Mr. Ameslon (UNM - France)
4	Manufacturing and installation	Mr. Mussmann (Germany)	Ms. Thu Trang Bähr (DIN - Germany)
5	Inspection and testing	Mr. Kittel (Germany)	Ms. Thu Trang Bähr (DIN - Germany)
8	Maintenance of EN 13480 series (MHD)	Mrs. Gaudin (France)	Mr. Ameslon (UNM - France)
9	Aluminium and aluminium alloy piping (joint with CEN/TC 54)	Mr. Kittel (Germany)	Ms. Thu Trang Bähr (DIN - Germany)

3 LIAISONS OF CEN/TC 267

CEN/TC 267 has a liaison with the following committees:

- CEN/TC 54 "Unfired pressure vessels"
- CEN/TC 69 "Industrial valves"
- CEN/TC 74 "Flanges and their joints"



- CEN/TC 121 "Welding"
- CEN/TC 132 "Aluminium and aluminium alloys"
- CEN/TC 250/SC 1 "Eurocode 1: Actions on structure"
- CEN/TC 250/SC 3 "Eurocode 3: Design of steel structures"
- CEN/TC 250/SC 8 "Eurocode 8: Earthquake resistance design of structures"
- CEN/TC 268 "Cryogenic vessels and specific hydrogen technologies applications"
- CEN/TC 269 "Shell and water-tube boilers"
- CEN/TC 459/SC 10 "Steel tubes, and iron and steel fittings"

4 WORK PROGRAMME – CURRENT STATUS OF WORK ITEMS

PWIs / WIs abandoned	Draft project	Status	WG
PWI 00267063	EN 13480-2:2017/prA4	<i>Preliminary Work Item deleted on 2018-11-22</i> Alignment of Nomograms in EN 13445 and EN 13480 considering the latest changes incorporated in 2012 (new model and extension to $t = 200$ mm)	2
PWI 00267064	EN 13480-2:2017/prA5	<i>Preliminary Work Item deleted on 2018-11-22</i> Extension of the application of method 2 to steel groups 2, 4, 5 and 6 according to CEN ISO/TR 15608	2
PWI 00267065	EN 13480-2:2017/prA6	<i>Preliminary Work Item deleted on 2018-11-22</i> Revision of Clause B.5 with respect to more practical use especially concerning B.5.4	2
WI 00267095	EN 13480-2:2017/prA9	<i>Work Item deleted on 2020-06-11</i> Clarification of B.3.2 "Sub-sized specimens » is needed as well as the revision of Tables B.2-1 "Guide to material selection", B.2-4 "General requirements for prevention of brittle fracture with reference thickness for bars", B.2-5 "General requirements for prevention of brittle fracture with reference thickness for bars", B.2-6 "General requirements for prevention of brittle fracture with reference thickness for Ni-alloyed steels with $1,5 \% < Ni \leq 5 \%$ ", B.2-7 "General requirements for prevention of brittle fracture with reference thickness for Ni-alloyed steels with $9 \% Ni$ ", B.2-9 "General requirements for prevention of brittle fracture with reference thickness for nuts and bolts, bolting material according to EN 10269:1999+A1:2006" and D.2-1 "European standardised steels grouped according to product forms".	2
WI 00267096	EN 13480-2:2017/prA10	<i>Work Item deleted on 2020-06-11</i> Necessity to revise B.2.4 « Method 3 — Fracture mechanics analysis ».	2



PWIs	Draft projects	Status	WG
PWI 00267097	EN 13480-4:2017/prA3	Deadline for activating the Preliminary Work Item 2023-05-07. Decision CEN/TC 267 C3/2020 Draft amendment concerning the introduction of brazing and pressfitting	4
PWI 00267098	EN 13480-5:2017/prA3	Deadline for activating the Preliminary Work Item 2023-05-07. Decision CEN/TC 267 C4/2020 Draft amendment concerning the introduction of brazing and pressfitting	5
PWI 00267099	prEN 13480-10	Deadline for activating the Preliminary Work Item 2023-05-07. Decision CEN/TC 267 C5/2020 New Part 10: "Metallic industrial piping - Part 10: Additional requirements for piping of titanium and titanium alloys"	5
PWI 00267100	EN 13480-8:2017/prA1	Deadline for activating the Preliminary Work Item 2023-05-07. Decision CEN/TC 267 C6/2020 Draft amendment concerning the holding time for heat treatment, and welders and welding operators qualification	9
PWI 00267101	EN 13480-3:2017/prA7	Deadline for activating the Preliminary Work Item 2023-04-30. Decision CEN/TC 267 C2/2020 Draft under progress to be merged with WI 00267091 (see below) Revision of Annex Q "Simplified pipe stress analysis"	3
PWI 00267102	prEN 13480-11	Deadline for activating the Preliminary Work Item 2024-08-04. Decision CEN/TC 267 C2/2021 New Part 11: "Metallic industrial piping - Part 11: Additional requirements for hydrogen application piping"	1

WIs	Draft projects	Status	WG
WI 00267084	FprEN 13480-9	Planned to be submitted to CEN Formal Vote Process stopped. Negative Assessment from the PED HAS Consultant. Comments to be solved. New Part for the series concerning "Part 9: Additional requirements for piping of nickel and nickel alloys" covering aspects on "other materials" (titanium, copper, ...)	5
WI 00267091	EN 13480-3:2017/prA6	Preliminary Work Item activated on 2021-03-20 Decision CEN/TC 267 C1/2021 Revision of requirements specified in clause 10 "Design for cyclic loading." Technical content to be merged with PWI 00267101 under development. WI 00267091 to be deleted from the work program. Application of the new Rules of publication adopted by CEN/BT Decision C172/2021 for EN 13480 series: rationalization of the publication of the Amendment(s), i.e. one Amendment per year per Part. Draft Amendment dedicated to be prA1 of the new Edition of EN 13480-3 (see below)	3



WI 00267103	EN 13480-2 New Edition	Work Item adopted on 2022-04-29 Decision CEN/TC 267 C2/2022 Integration of A1:2018, A2:2018, A3:2018, A7:2020 and A8:2021	2
WI 00267104	EN 13480-1 New Edition	Work Item adopted on 2022-04-29 Decision CEN/TC 267 C1/2022 Integration of A1:2019	1
WI 00267105	EN 13480-4 New Edition	Work Item adopted on 2022-04-29 Decision CEN/TC 267 C4/2022 Integration of A1:2023 and A2:2023	4
WI 00267106	EN 13480-3 New Edition	Work Item adopted on 2022-04-29 Decision CEN/TC 267 C3/2022 Integration of A1:2021, A2:2020, A3:2020, A4:2021 and A5:2022	3
WI 00267107	EN 13480-8 New Edition	Work Item adopted on 2022-04-29 Decision CEN/TC 267 C7/2022 Integration corrections MHD question 8-001-2018	9
WI 00267108	EN 13480-6 New Edition	Work Item adopted on 2022-04-29 Decision CEN/TC 267 C6/2022 Integration of A1:2019	1
WI 00267109	EN 13480-5 New Edition	Work Item adopted on 2022-04-29 Decision CEN/TC 267 C5/2022 Integration of A1:2019 and A2:2021	5

5 PUBLICATIONS

WI(s)	Project(s)	Status	WG
00267087	EN 13480-4:2017/A1:2023	Foreseen Publication 2023-11-29 (DAV) Necessity to correct identified corrections in the latest edition EN 13480-4:2017 and answering the issue on "qualification of welders and welding operators" with regards to EN ISO 9606-1:2017	4
00267093	EN 13480-4:2017/A2:2023	Foreseen Publication 2023-11-29 (DAV) Agreement where <i>P</i> of the actual heat treatment exceeds the values in Table 9.14.1-3, the value obtained in the applicable welding procedures qualification replaces the value in the table. Introduction of a new informative Annex C "Example for the extension of the <i>P</i> value". Term <i>P</i> _{crit} replaced by <i>P</i> .	4

6 SITUATION REGARDING THE DECISIONS ADOPTED AFTER THE 36th PLENARY MEETING

Decisions	Follow-up
DECISION N 008/2022 (document N 1453) <u>Subject</u> : Appointment of WG Convenor CEN/TC 267/WG 2	Approved Action completed
DECISION N 009/2022 (document N 1453) <u>Subject</u> : Appointment of WG Convenor CEN/TC 267/WG 4	Approved Action completed
DECISION N 010/2022 (document N 1453) <u>Subject</u> : Appointment of WG Convenor CEN/TC 267/WG 5	Approved Action completed



Decisions	Follow-up
DECISION N 011/2022 (document N 1453) <u>Subject</u> : Appointment of WG Convenor CEN/TC 267/WG 9	Approved Action completed
DECISION N 012/2022 (document N 1453) <u>Subject</u> : Appointment of WG Convenor CEN/TC 267/WG 8	Approved Action completed
DECISION N 013/2022 (document N 1453) <u>Subject</u> : Preparation of the new Edition of EN 13480 series	Approved <i>Action not completed</i>
DECISION N 014/2022 (document N 1453) <u>Subject</u> : Numbering of Formulae, Figures and Tables - New Edition EN 13480 series	Approved Action completed
DECISION N 015/2022 (document N 1453) <u>Subject</u> : Merging of Work Item(s), deletion of Work Item(s) and renumbering of amendments	Approved <i>Action not completed</i>
DECISION N 016/2022 (document N 1453) <u>Subject</u> : Call for experts to CEN/TC 267/WG 1 – Subject "Hydrogen"	Approved Action completed
DECISION N 017/2022 (document N 1453) <u>Subject</u> : Cooperation with CEN/TC 69 "Industrial valves"	Approved Action completed
DECISION N 018/2022 (document N 1453) <u>Subject</u> : Continuation of the liaison with CEN/TC 54, CEN/TC 74, CEN/TC 121, CEN/TC 132, CEN/TC 250, CEN/TC 268, CEN/TC 269 and CEN/TC 459/SC 10	Approved Action completed
DECISION N 019/2022 (document N 1453) <u>Subject</u> : Approval of the revised Business Plan	Approved Action completed