GIWG COMMITTEE CORRESPONDENCE

AGENDA

BPV VIII GERMANY INTERNATIONAL WORKING GROUP (GIWG)

OF THE

ASME BPV VIII PRESSURE VESSEL STANDARDS COMMITTEE

VENUE

Hybrid

Hybrid meeting in combination with the
79th International Institute of Welding (IIW) Conference, Salzburg, Austria
and the ASME GIWG Sect. IX meeting
Salzburg Congress Center
Sheraton Hotel
Papageno Room

Meeting #38

Wednesday, July 15th, 2026,

8:30 – 10:15 CEST GIWG Section VIII
10:45 – 12:30 CEST GIWG Sect. IX
14:00 – 18:00 GIWG and IIW C-XI

Entrance for the GIWG meeting is free of charge and also the joint GIWG – C XI afternoon meeting in the same meeting room. For any other IIW event normal registration process is required.

Blue: Updated information

➔ Red: Action points

Recording of committee proceedings is prohibited in any format.

NOTICE: These notes are subject to approval and are for committee use only. They are not to be duplicated or quoted for any reason other than Committee business.

1. Call to Order & Introduction

a) Call to Order

The chair called the meeting to order at 11:03.

b) Introduction round

Short introduction of each participant with name and affiliation
Members shall put a M – Name in front of their name and visitors a V – Name

c) Attendance (compare Annex 0)

Members:

	Name	present	alternate	excused	not-excused
	Members				
1	Dr. Robert Kauer (Chair)	X			
2	Stefan Jetzlsperger (Vice Chair)				
3	Ali Aloui				
4	Dr. Parvan Chavdarov				
5	Markus Delzeit				
6	Andreas Emrich				
7	Dr. Christian Jäkel				
8	Dr. Dirk Koelbl				
9	Dr. Stefan Krebs				
10	Tobias Ludwig				
11	Horst Michael				
12	Robert Müller				
13	Dr. Sebastian Reich				
14	Alexander Spangenberg				
15	Markus Sykora				
16	Carsten Stobbe				
17	Marcin Tekiela				
18	Tom van den Brink				
	Contributing Members				
1	Jürgen Henrichsmeyer				

Visitors:

Pete Matkovics, SPX Flow

Number of members present does satisfy the quorum (i.e. 11 versus a minimum of 9).

2. Approval of the Minutes from the last meeting

Minutes from the last meeting have been distributed and are available on C&S connect.
Minutes were approved unanimously by voice vote.

3. Adoption of the Agenda

New business:

None

Agenda was approved unanimously by voice vote.

4. Membership

4.1 Membership status

Chair: Dr. Robert Kauer
Vice Chair: Stefan Jetzlsperger
Secretary: vacant

Voting members – 18
Contributing members – 1

Roster on C&S Connect is up to date

Mr. R. Meyers is not anymore applying the Code and therefore he did not extend his application.

Expiration Date	GIWG Members
30th June 2027	P. Chavdarov, R. Müller, C. Stobbe, Ali Aloui
30th June 2028	S. Reich, R. Kauer, S. Jetzlsperger
30th June 2029	M. Delzeit, A. Spangenberg, J. Henrichsmeyer,
30th June 2030	M. Sykora, C. Jäkel, M. Tekiela, T. van den Brink
30th June 2026	A. Emrich, D. Kölbl, S. Krebs, T. Ludwig, H. Michael

4.2 Potential applicants

Maybe a colleague from Mr. Meyers, Steven Nürnberger from Weber Merseburg will join our group.

4.3 Membership in other ASME committees

Germany IWG representatives in other committees:

H. Michael
- BPV VIII Standards Committee – Contributing Member

P. Chavdarov
- BPV VIII Standards Committee – Member
- BPV VIII SG M – Chair
  SG-M has a need to involve BPV VIII GIWG to work on some “older” items (see also 8.4)
- Liaison IWG Italy

- Liaison IWG Argentina

R. Müller
- BPV VIII TG on Electrochemical Cell Stacks

R. Kauer
- BPV VIII TG on Electrochemical Cell Stacks
  no new development
- B31.12 EU IWG Hydrogen Piping
  no new development

4.4 Liaison for Section VIII Germany IWG

Liaison for GIWG: Mr. Pete Matkovics, pete.matkovics@spxflow.com

5. Announcements

5.1 International Working Groups

For Germany there are also IWGs for Section III, Section IX and Section XI.
Germany IWG Section IX meetings are generally planned to be on the same day as GIWG BPV VIII in the afternoon, F2F + virtual.

All BPV VIII IWG Chairs are invited to attend the GIWG meeting and would have the opportunity to share any news from their working groups.

There are Sect. VIII IWGs in Italy, India, Argentina and China. Their agendas and minutes can be found on C&S connect under BVP Sect. VIII.

On Jan. 27th, 2026, Spain has started a BPVC VIII IWG. Their activities are also on C&S Connect now. Next meeting will be on April 14th.

For Section I there is a Europe IWG, with Alexander Spangenberg as Chair and members from Spain, Italy, Germany, Belgium and UK.
New Chair is Mr. Kyle Pickels.

There will be a new Task Group to TOMC targeting to align the activities and procedures of the various IWGs with Parvan Chavdarov as Chair. Target is 2027.

5.2 Errata

See list of published errata under C&S Connect > BPV VIII Home Page

5.3 Miscellaneous

- GIWG performance report for 2024 has been sent to BPV VIII Standards Committee.
  Still under review.

6. Collaboration with SG on Interpretations

SG-Interpretations Chair:
Pete Matkovics
pete.matkovics@spxflow.com

Interpretations database accessible through this link.

The final procedure on how SG Interpretations involves other SGs has been changed. Much less interpretation inquiries are sent out for comment. Only assigned committees are obliged to respond.

If there is a request for comments, Chair GIWG will distribute the inquiries to the group. If there are any comments, pls feel free to answer directly to Mr. Matkovics.

Mr. Matkovics provided the following link to assess the status of inquiries:

https://drive.google.com/drive/folders/1PrAaZZvT5Eh47ErKGS9MFE9mYutJ5Lhu?usp=drive_link

No new interpretation inquiries sent to GIWG since our last meeting.

7. ASME Code Week, Virtual, Feb. 2026

BPV VIII minutes are partly available on C&S Connect: BPV VIII Home Page

The Germany IWG members are encouraged to check regularly, which BPV VIII minutes have been posted to C&S Connect and to peruse them in case of interest.

Discussion on some selected items

RN 17-2550
Stress classification table 5.6 renewal
Including figures and gross or local discontinuity

RN 19-2008
Allowable bolt stresses for Part 5 analysis

Flanges
- a) Withdrawal of App. S
- b) New Flange Design Method Ballot 26-984 (RN 22-428)
  - Warren Brown presentation
  - Focus also on joint integrity = tightness// leakage based design
  - Most of the stresses are secondary
  - External loads fully addressed
  - No more allowable stresses but only yield
  - Flange rotation limit to 1° (versus old 0.3!)

Bolt area to give 45-65% yield of bolt material
Operation bolts and flange limited to 80% yield
Gasket data in tables leakage and non-leakage based (no specific test)
PCC-1 2026 will have an App. showing what standard flanges might have a higher probability to fail.

c) STP-PT-036 Bolted Flange Connections at elevated temperatures

RN 25-1458
Relocate UG-20(f) to UCS-66(a)(3)

8. Items

8.1 Items overview

See Annex 1 for the overview sheet.

8.2 Actual items

RN 25-2401

Andreas Emrich / Mr. Daniel, Linde:	BPV VIII SG HT	Interpretation
Fixed Shell and Tube heat exchanger Design acc. to Section VIII, Division 2, Part 4, 4.18.8.3(b)		
Different Interpretation of "Operating Metal Temperature" for tubes and shell. ASME formulation for determination of metal temperature and temperature for allowable stresses is not consistent. Axial mean metal temperature is used for thermal expansion and allowable stresses. Therefore, allowable stresses do not cover possible local higher temperatures in shells and tubes on hot side. Interpretation 23-2630 has been considered as consulting.		
June 2024 Sept. 2024 Dec. 2024 March 2025	This issue was discussed with SG-HTE (Chair Pete Matkovics) on May 2024 Code Week and has initiated some discussions. Conclusion was that GIWG shall initiate a ballot on this issue Email sent by Chair to Mr. Rossi requesting a new GIWG record number RN 24-1885 Mr. Emrich will populate the record to have a basis for the discussion during the next GIWG meeting. If done before the Code Week, R. Kauer will present the draft during the Code Week in Orlando. No update. PTM to prepare a proposal for the March meeting. Update message sent to Mr. Emmrich, Linde will prepare a proposal	
Jun. 2025	PTM to report ➔ skipped and adjourned for Sept. meeting	
Sept. 2025	New proposal to be updated to 2025 ed and then sent to SG Interpretation. Later it might become an Intent Interpretation Voice vote. Unanimously approved by GIWG	
Nov. 2025	PTM prepared an Interpretation under the new RN 25-2401 RN 24-1885 to be closed ➔ PTM to send an email to Steve Rossi to close this item	
March 2026	RN 24-1885 is closed Under new RN 25-2401 there was a LB 26-642 with no objections but one editorial objection Next step will be another ballot on SG HTE and subsequently on SG Interpretation; then it will be issued as interpretation	
July 2026	Update by PM	

RN 25-2661

Stefan Jetzlsperger	BPV VIII WG DbA and SG Design	Code Case
Fatigue Curves for Aluminum Material SB 209 3003-O and SB 209 5083-O		
Nov. 2025	Presentation Dr. R. Hölzl, Linde ➔ PTM will be Stefan Jetzlsperger	
March 2026	Draft CC under preparation There is also an existing CC 2478 with fatigue curves for aluminum Target is to have a draft to be balloted before the Code Week in May	
July 2026	Update by PM	

RN 25-2662

Robert Kauer	BPV VIII WG DbA and SG Design, SG Materials and BPV II SFA	Code Case
Use of Mandatory Appendix 46, 46-4 for Components Made of Cast Ductile Iron SA-395/SA-395M, Grade 65-45-15		
Nov. 2025	New Code Case draft (see Annex 2) on the basis of existing Code Case 3090 presented by PTM	
March 2026	Confirmation of strength values at temperature through Swindeman Analysis under discussion with Mr. Seipp Target is to have a draft version balloted before the Code Week in May	
July 2026	Update by PM	

RN 25-2694

Ali Aloui	BPV VIII SG D	Code Revision
Section VIII, Divisions 1, 2 and 3; Clamp connections in Section VIII Div. 1, 2 and 3		
Nov. 2025	Idea presented	
March 2026	Proposal balloted 25-3746 ➔ approved Item ready for SG D Letter Ballot Shall be balloted before Code Week in May	
July 2026	Update by PM	

RN 25-2695

Ali Aloui	BPV VIII SG D	Code Revision
Section VIII, Division 1; Appendix 1 - 1-8 (b)(3) and (c)(3)		
Nov. 2025	Idea presented	
March 2026	Proposal balloted 25-3746 ➔ approved Item ready for SG D Ballot Shall be balloted before Code Week in May	
July 2026	Update by PM	

8.3 New item ideas for discussion

Discussion on SB 209 requirements in 2025 ed:

SB 209
RN 26-248 is a BPV Sect. II, SG NFA item which is Stds Committee approved.
Special Notice will be issued if this item is Board approved. Special notice is handled under RN 26-437.

Items for BPV II Discussion

Record	Record Title	Record Classification	TPM	Info and Request for BPV II
26-248	SB-209_2025 Update	BPV II	Robertson	• Several Aluminum industry reps have reached out to BPV II/SG-NFA concerning ultrasonic testing being mandatory in SB-209_2025. Previous version had not done this. • Investigation revealed a committee error. • At SG-NFA meeting, a request was made to ASME PT Director for a special notice to be issued on the basis of a committee error (see Operating Procedures section 4.4.7.3). • Director approved request but indicated that a board approved, specification update record is first needed. • SG-NFA has started this process by reviewing, voice voting, and unanimously approving this record at Feb. 4th meeting. • Request for BPV II: a voice-vote for this record so that the process can move forward.

2026-July: Any update?

New business:

CC 3031, Alternative Method for Protection Against Overpressure
Mr. Jäkel wants to extend the existing CC 3031 to unfired boilers under Section VIII as well and would act as PTM
➔ PTM to prepare the idea for the amendments and Chair and PTM to reach out to S. Rossi and Umberto d'Urso regarding the procedure for this and the Committees to be involved.

2026-July: Any update?

Items handed over from SG Materials for assistance from GIWG

RN 15-40 Section VIII, Division 1; Use of ASTM A694 to Design and Fabricate Pressure Components to VIII-1. PTM has resigned.
Balloted recently balloted and disapproved.
Stefan Jetzlsperger volunteered as PTM, SG M will assign the item to Stefan Jetzlsperger

2026-July: Any update?

RN 12-939 Code Case for N08904 for Sect. VIII, Division 2 (material already acceptable for Div.1).
Tom van den Brink volunteered as PTM, SG M will assign the item to Tom van den Brink

2026-July: Any update?

9. Presentations

None.

10. Miscellaneous

11.1 Future ASME Code Weeks

The Germany IWG members are encouraged to take advantage of the situation that two meeting are virtual to attend selected BCW meetings. This is a unique chance for everyone to see how the committees work.

August 9 -14, 2026
Virtual

November 1 – 5, 2026 in Lake Buena Vista, FL
Hotel: Hilton Orlando Buena Vista Palace Hotel
1900 E Buena Vista Drive
Lake Buena Vista, FL 32830

February, 2027
Virtual

May 16 – 21, 2027
Hotel: The Royal Sonesta Houston Galleria
2222 West Loop South
Houston, TX 77027
Sleeping Room Rate: $189 per night, plus 17% tax

August, 2027
Virtual

October 31 – November 4, 2027
Hotel: Omni William Penn Hotel
530 William Penn Place
Pittsburgh, PA 15219

11.2 Others

ASME PVP Conference 2026, Anaheim (CA), July 19-24, 2026

11. Next Germany IWG Meeting

Future meeting schedule and way to meet was discussed with the following conclusions:

Tuesday, Sept. 8th Virtual 11 am – 14 pm CEST
Tuesday, Nov. 18 24th Virtual 11 am – 14 pm CET

New dates for 2027 are planned to be proposed during the September meeting.

12. Adjournment

The chair adjourned the meeting at 13:55.

ANNEX 0 Participant list

GIWG Meeting
Date: July 15th, 2026
Venue: IIW Conference Salzburg, Papageno Room

Template:

	Name	Member = M?	Affiliation	Signature
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ANNEX 1 GIWG items overview list

Status 2026-07

Opened in	Closed in	Record-No.	Primary SG	to be informed	Division	Subject	GIWG PTM	Sub-Type	Comment	Status	Next step	BPV PM
2026		12-939	SG-M		VIII-2	Code Case for N08904 for Sect. VIII, Division 2 (material already acceptable for Div.1)	Tom van den Brink	Code Case	To be assigned to GIWG by SG-M		to be assigned to GIWG	
2026		15-40	SG-M		VIII-1	Use of ASTM A694 to Design and Fabricate Pressure Components to VIII-1	S. Jetzlsperger	Code Case	To be assigned to GIWG by SG-M		to be assigned to GIWG	
2025		25-2694	SG-D		VIII-1, VIII-2, VIII-3	Section VIII, Divisions 1, 2 and 3; Clamp connections in Section VIII Div. 1, 2 and 3	A. Aloui	Code Revision	Presented to GIWG Nov. 2026 GIWG Ballot 25-3746 ==> approved	GIWG approved	SG-D LB	
2025		25-2695	SG-D		VIII-1	Section VIII, Division 1; Appendix 1 - 1-8 (b)(3) and (c)(3)	A. Aloui	Code Revision	Presented to GIWG Nov. 2026 GIWG Ballot 25-3746 ==> approved	GIWG approved	SG-D LB	
2025		25-2662	SG D and WG DbA,	SG D, SG M, BPV II SFA	VIII-1	Use of Mandatory Appendix 46, 46-4 for Components Made of Cast Ductile Iron SA-395/SA-395M, Grade 65-45-15	R. Kauer	Code Case	Draft CC presented Nov. 2025 Calrification of values for Swindeman Analysis	under preparation		
2025		25-2661	SG D and WG DbA,		VIII-2	Fatigue Curves for Aluminium Material SB 209 3003-O and SB 209 5083-O	S. Jetzlsperger	Code Case	Idea presented by Dr. Hölzl at the Nov. 2025 GIWG meeting	under preparation		
2025		25-2401	SG HTE		VIII-2	Part 4, 4.18.8.3(b) - Different interpretation of "Operating Metal Temperature" for tubes and shell.	A. Emrich	Interpretation	assigend to SG HTE with Mr. Bednarz as PTM Ballot #26-642 ==> no objections but one editorial objection	Ballot SG Level	SG HTE LB on revised version	Bednarz
2024	2025	24-1885	SG HTE		VIII-2	Part 4, 4.18.8.3(b) - Different interpretation of "Operating Metal Temperature" for tubes and shell.	A. Emrich	Code Revision	Closed as it will be handled as interpretation request under item #25-2401	Closed		
2024	2025	24-1884			VIII-1	Exemption from pre and post weld NDE requirements as per UG-93 (d)(3) Section VIII, Division 1	A. Aloui	Code Case		Closed		
2017	2025	17-2740	SG GR		VIII-1, VIII-2	Engineering contractor according to VIII-1/VIII-2	D. Kölbl	Code Revision	**Record 18-921 closed on Dec 14, 2020** The revised proposal disapproved by SG-GR Ballot #21-2401. PTM shall reply to all disapprovals and modify the proposal accordingly PTM to RN #17-2740 is Dr. Lower. Item has been discussed during the May 2023 Code Week. GIWG reported that there is still interest on this subject and that GIWG needs support from SG-GR and PTM to further support this item Dec.5, 2023 Mr. Jetzlsperger will organize a meeting with Dr. Xu and Dr. Kölbl (plus Mr. Lower/ Ms. Hoskinson if possible) Dec. 2025 Item has been handed over to SG-GR and Dr. Kang Xu will be the new PTM Item closed for GIWG	Closed		Kang Xu

ANNEX 2 RN 25-2662

Record No. 25-2662 **Rev. 1, 2025-22-25**

Case xyz
Use of Mandatory Appendix 46, 46-4 for Components Made of Cast Ductile Iron SA-395/SA-395M, Grade 65-45-15

Inquiry: Under what conditions may the rules of Section VIII, Division 1, Appendix 46-4 be used to design components made of cast ductile iron SA-395/ SA-395M Grade 65-45-15 by means of Design by Analysis?

Reply: It is the opinion of the Committee that the rules of Section VIII, Division 1, Appendix 46-4 for Design by Analysis can be used for components made of cast ductile iron SA-395/SA-395M Grade 65-45-15 under the following additional conditions:

(a) All requirements of Section VIII, Division 1, Part UCD shall apply.

(b) Referencing Section VIII, Division 2, Part 5, 5.1.2.4 the following material properties shall be used:

(1) Physical properties according to Section II, Part D:
Young's modulus: Table TM-1 for Ductile Cast Iron
Thermal expansion coefficient: Table TE-1 for Ductile Cast Iron
Thermal conductivity and diffusivity: Table TCD for Ductile Cast Iron
Density and Poisson's ratio: Table PRD for Cast Irons

(2) Strength parameters:
Allowable Stress: Section VIII, Division 1, Table UCD-23 for Grade 65-45-15 considering the casting quality factor given in UG-24

For any analysis method requiring tensile and yield curves at temperature, the following values shall be used:

Tensile strength:

Table 1
Tensile Strength Values, Su, for Cast Ductile Iron SA-395/SA-395M, Grade 60-40-18

Tensile Strength Su, ksi (Multiply by 1000 to Obtain psi), for Metal Temperatures, °F, Not Exceeding						
100	200	300	400	500	600	650
60.0	59.2	57.5	55.5	53.6	52.5	52.3

Table 1M
Tensile Strength Values Su, for Cast Ductile Iron SA-395/SA-395M, Grade 60-40-18

Tensile Strength, MPa (Multiply by 1000 to Obtain kPa), for Metal Temperatures, °C, Not Exceeding							
40	100	150	200	250	300	325	350
414	407	396	384	372	364	361	360

Yield strength:

Table 2
Yield Strength Values Sy, for Cast Ductile Iron SA-395/SA-395M, Grade 60-40-18

Yield Strength, ksi (Multiply by 1000 to Obtain psi), for Metal Temperatures, °F, Not Exceeding						
100	200	300	400	500	600	650
40.0	35.3	33.4	32.4	31.7	31.0	30.5

Table 2M
Yield Strength Values Sy, for Cast Ductile Iron SA-395/SA-395M, Grade 60-40-18

Yield Strength, MPa (Multiply by 1000 to Obtain kPa), for Metal Temperatures, °C, Not Exceeding								
40	65	100	150	200	250	300	325	350
275	254	241	230	223	220	215	213	210

When applying the elastic–plastic stress analysis method in Section VIII, Division 2, 5.2.4 for cast ductile iron SA-395/SA-395M Grade 65-45-15, in conjunction with Section VIII, Division 2, Table 5.5, β shall be 5.0.

(3) Monotonic stress-strain curve
When using the elastic perfectly plastic and elastic-plastic true stress-strain curve with strain hardening, the parameters for Ferritic Steel Materials in Section VIII, Division 2, Part 5, Table 5.7 shall be used to determine the uniaxial strain limit.

(4) If a Fatigue Analysis Screening is performed in accordance with Section VIII, Division 2, Part 5, ~~5.5.2~~ 5.5.3 and it indicates a fatigue assessment is required, this Case may not be used.

~~(5) Fatigue Analysis Screening based on experience with comparable equipment performed in accordance with Section VIII, Division 2, Part 5, 5.5.2.2 is not permitted.~~
Exemption from Fatigue Screening and Fatigue Analysis based on experience with comparable equipment in accordance with Section VIII, Division 2, para. 5.5.2 is not permitted.

(c) This Case number shall be shown on the Manufacturer's Data Report.