



**ASME B31.3/B31.12
PIPING CODE WEEK**

APRIL 7 – 11, 2025

Shell Energy Transition Center
Amsterdam, Netherlands

Registration Required for
In-Person Option

EU IWG B31.12 MEETING – 11 APRIL 2025

Meeting is in person and on line - Zoom link will be made available soon

AGENDA

10 - 12 pm

Working Group (IWG) - meeting

- B31.3 Hydrogen Chapter – activity progress - comments collection process and discussion
- EU IWG Records progress
- Discussion topics (pending from last meeting)
 - Fatigue in H2 chapters – differences and rationale;
 - Hardness in H2 chapters – differences and rationale;
 - H2 % in blends: discussion over the applicability of a limit in terms of partial pressure
- EU IWG reorganization and Memberships expiration

12 – 1 pm **Lunch and Learn - Shell Green Energy Research**

1 – 2:30 pm

Presentations and liason with the scientific community

- Fatigue till Crack Initiation under gaseous Hydrogen – Experiments, Experiences and possible Introduction in Codes

Heiner Oesterlin, Dipl-Math., Dr.-Ing. Thorsten Michler Group Manager Lifetime Concepts for Hydrogen Applications (Fraunhofer Institute for Mechanics of Materials IWM)

- Leak Testing: Hydrogen Mass Spectrometer Test

ASME BPVC Section V changes to use hydrogen as tracer gas in lieu of Helium for Mass Spectrometers and the applications in ASME B31.12 and valve industry (David Dinelli Raimander)

2:45 - 4:30 pm

- **ASME QPS-1** - Presentation - Quality Program for Suppliers Certification Process, ASME Director Chris Mahler

- **ASME Hydrogen Vessel Storage** - Design and Fabrication Considerations, Dan Peters, Chair of ASME Board of Pressure Technology

- **Integration of B31.12 Pipeline requirements into B31.8** - Taylor Shie, Shell, Chair of B31.8 Hydrogen Task Group

ASME EU IWG B31.12 Charter

The B31.12 Europe International Working Group (EU IWG) serves as a forum to provide for the participation of ASME B31.12 technical experts based in Europe and to create a means of communication and collaboration between ASME B31.12 and ASME Task Groups (B31.3 and B31.8) for Hydrogen and stakeholders in Europe.



Registration Link



10 April Evening Networking Social
(5-7pm), Sir Adams Hotel

