Meeting: C-XVIII 07-16-2026 **Doc. n°:** XVIII-0345-2026 **Tags:** Agenda

C-XVIII
Quality Management in welding and allied processes
Agenda C-XVIII-0345-2026

Wednesday, July 15, 2026

Salzsburg congress, Auerspergstraße 6, 5020 Salzburg

Room Paracelsus

14:00 – 18:00 (CET)

Time	Item	Topic	Responsibility	Document(s)
14:00 – 14:10	**1.**	**Opening/Administrative Items**	**G. Garbarino**	\
	1.1	Welcome by the Chair	G. Garbarino	\
	1.2	Attendee Introductions & Apologies	Members	\
	1.3	Approval of the Agenda	Delegates	XVIII-0345-2026
	1.4	Approval of the minutes of the last meeting	Delegates	XVIII-0344-2026
	1.5	Roll Call of Delegates	Delegates	\
14: 10 – 15:20	**2.**	**Subcommission XVIII-A** **Quality Personnel**	**E. Gandolfo**	\
14:10 – 14:20	2.1	Update on the work of the subcommission	E. Gandolfo	\
14:20 – 14:40	2.2	*Guidance for competences for personnel involved in auditing to verify compliance in accordance with quality systems in the field of welding and allied processes* Comments and approval	E. Gandolfo	XVIII-297-2025
14:40 – 15:00	2.3	*Brazing coordination – Tasks and responsibilities* Comments and approval	E. Gandolfo	XVIII-296-2025
15:00 – 15:20	2.4	*Proposal of position statement on welder competencies, qualification and certification* Comments and approval	G. Garbarino	XVIII-0346-2026
15:20 – 17:05	**3.**	**Subcommission XVIII-B** **Quality Management Systems**	**I. Jaswal**	\
15:20 – 15:30	3.1	Update on the work of the subcommission	I. Jaswal	\
15:30 – 15:45	3.2	*Centralized weld data monitoring system for predicting&Preventing defects in shipyards using AI&ML*	J. Kundantavide	XVIII-0347-2026
15:45 – 16:00	3.3	*AI-Assisted Certification for IIW MCS ISO 3834*	M. Karpenko	XVIII-0348-2026
16:00 – 16:20	**Coffee break**			
16:20 – 16:35	3.4	*A systematic procedural framework for enhancing welding integrity, resilience and operational excellence trough IIWQMS-2025*	C. Subramani	XVIII-0349-2026
16:35 – 16:50	3.5	*Challenges in gas management for welding technology: impact of insufficient process monitoring on quality, traceability and standards compliance*	M. Fisher	XVIII-0350-2026
16:50 – 17:05	3.6	*Detection of imperfections in automated MIG welding of aluminum through AI-based image processing algorithms*	H. Credet	XVIII-0351-2026
17:05 – 17:20	**4.**	**Subcommission XVIII-C** **Quality Management Standards**	**R. Shaw**	
17:05 – 17:15	4.1	Update on the work of the subcommission	R. Shaw	\

17:15 – 17:45	4.2	*ISO 22688 Brazing - Quality requirements for brazing of metallic materials – (confirmation)*	R. Shaw	\
17:45 – 18:00	**5.**	**Administrative business**	**G. Garbarino**	\
	5.1	Upcoming meetings	G. Garbarino	\
	5.2	Resolutions and actions	G. Garbarino	\
	5.3	Closing remarks	G. Garbarino	\

NOTE:

A joint discussion between Commission I and Commission XVIII is scheduled for Thursday, 16, during the morning session of Commission I. The session is expected to last approximately 30 minutes, and all members of Commission XVIII are warmly invited to attend and actively contribute to the discussion.

The session will include a **presentation by Teresa Melfi of the ASME draft document *Quality Requirements for Fabrication Using Additive Manufacturing Technologies***, which is currently open for technical comments. The presentation will be followed by a coordinated technical discussion aimed at collecting feedback from both Commissions. The discussion will focus on the quality requirements for fabrication using additive manufacturing technologies, including welding- and materials-related aspects, the identification of technical issues and opportunities for improvement, and the preparation of consolidated IIW comments to be formally submitted to ASME.