



INTERNATIONAL INSTITUTE OF WELDING
A world of joining experience

COMMISSION VIII – Health, Safety and Environment

**DRAFT AGENDA FOR THE MEETINGS HELD IN
Bratislava, Slovakia
During the IIW Annual Assembly of IIW
8th – 10th of July 2019**

**Venue:
Crowne Plaza Hotel**

Hodžovo námestie 2, 816 25 Bratislava, Slovakia

Please notice: the items may be subject of changes within the time table

Monday, 8th of July 2019: 08:15 – 12:30

Room: Hall11 - Berlin

1. **Welcome, Introduction (*Geoff Melton, Chair*)**
 - Administrative matters, organization
 - adoption of the agenda
 - Introduction of participants; guests; apologies

2. **Approval of the minutes of the Intermediate Meeting in Cambridge, UK , 20-21 February 2019**
Doc VIII-2268-19: *Steve Hedrick, Geoff Melton*

3. **IIW General Secretariat and CEO: *Information form Geoff Melton***

4. **Booklet “Hazardous Substances in Welding and Allied Processes” to be published by Springer; base document: IIW Doc VIII-2188R11-17 (meeting Hannover)**
Vilia_WZ_2018_07_11 : Update by Wolfgang Zschiesche;

5. **“Model for process parameter-based reduction of fume emissions in gas metal arc welding”** (Dr. Martin Christ, Welding and Joining Institute, Technical University RWTH Aachen, Germany) :Approval for publication in *Welding in the World*
6. **“A review of welder electrode injury and fatalities”** : Presentation by David Hisey
7. **National Reports:** All participants are requested to give notice about recent and ongoing activities on health and safety in welding in their countries, including regulations, research work, conferences, etc,
8. **“Consequences of the reduction in OELs with respect to the IRAC monograph 118”** : Introduction by Nicolas Floros
9. **“WeldGalaxy, an introduction to the EU Horizon 2020 project, highlighting Health, Safety and Environmental aspects”** : presentation by Geoff Melton
10. **“Toxicokinetic investigation of inorganic emission released by arc light in animal model – a pilot study”** ; Presentation by Csaba Kovago, Kornel Majlinger, Jozsef Lehel

Tuesday, 9th of July 2019: 14:15 – 18:15

Room: Hall3 – London III

11. **“Study on the measurement of manganese and hexavalent chromium in welding fume”**: presentation by Wolfgang Zschiesche
12. **“Preliminary results on measurements of hexavalent chromium in the workplace”**: Presentation by Geoff Melton
13. **Best Practice Guide- see appendix A**
14. **“Occupational and Environmental Hygiene articles”**: discussion lead by John Petkovsek
15. (including regulation, research work, conferences, campaigns, other activities)
16. **Cooperation of IIW and the European Welding Association(EWA)** (Vincent van der Mee/David Werba)
17. **Impact of the EMF Directive in Europe and activities in other countries**
18. **“Update on the Eco design regulations for welding equipment”**: Geoff Melton
19. **“Environment topic ”** within Commission VIII.

Wednesday, 10th of July 2019: 08:15 – 10:15

Room: Hall 10 –Paris

20. **Future of Commission VIII:** Long term management of operating needs, business plan and working program
21. **Recruitment of further members of Commission VIII** including medical expertise
22. **Vice –chairman; nominations?**
23. **Topics for C VIII, possible Cooperation and Joint Meetings**
 - Welding Consumables: C II
 - Use and joining of nanomaterials: C VII
 - Additive Manufacturing: C XII
 - Underwater Welding: C XII, SC D
24. **Scheduling of upcoming C VIII meeting within the Annual Assembly:**
 - a. Singapore on 20-22nd July 2020
 - b. Genova in June 2021
25. **Next Intermediate meetings**
Invitations, venues and dates
26. **Any other business**

Wednesday, 10th of July 2019: 10:45 – 12:30

Joint Session with Commission II “Arc Welding and Filler Metals”

PLEASE NOTE THIS MEETING WILL NOW CONTINUE IN HALL 10 - PARIS

27. **Update on the Results of the IARC evaluation 2017 on the Carcinogenicity of Welding Fumes (IARC Group 1) and UV radiation from welding (IARC Group 1)**
 - a. **Review of underling studies:** *Wolfgang Zschiesche*
 - b. **UK Safety alert:** Geoff Melton
 - c. **AWS information statement:** *David Weber*
 - d. **Australian Interim Position:** *Bruce Cannon*
 - e. **IIW statement and publication in Welding in the World:** *All*
28. **Topics for future joint meetings:** *All*
29. **Closing the meeting**

Appendix A

Best Practice Documents of Commission VIII

Title	Document Number	Author(s)	Year
Contact lens use in industry	VIII-1588-91; IIW-1124-91	ZSCHIESCHE W.	1991
On the question of drinking of milk by welders as a health protection measure	VIII-1298-85; IIW-831-85		1985
Personal ultraviolet radiation exposure of workers in a welding environment	VIII-1817-97	TENKATE T.	1997
Statement on welding and cutting on containers	VIII-1823-97; IIW-1374-97		1997
Welding adds hazards to work in confined spaces	VIII-1856-98; IIW-1416-98		1998
Health hazards from exposure to electromagnetic fields in welding	VIII-1858-98; IIW-1415-98		1998
IIW Statement on Manganese: Chromium and manganese in welding - Exposure and the need of control measures	VIII-2029-06	GAVELIN F.	2007
Health and safety in fabrication and repair of welded components:	VIII-2078-08; IIW-1986-09	COSTA L.	2008

aspects, impacts and compliance to regulations

Lung cancer and arc welding of steels	IIW-2223	IIW Commission VIII	2011
List of standards relevant to health, safety and environment	VIII-2079r3-11	COSTA L.; LUNDIN M.	2011
Welding Fumes Main Components and Structure*	VIII-2056r5-17	FLOROS, N.	2017
Hazardous Substances in Welding and Allied Processes	VIII-2188r10-17	SPIEGEL-CIOBANU, V.	2017

*Recommended for publication in *Welding in the World*

Best Practice Documents of Commission VIII Published as ISO Documents

IIW CVIII Title	IIW Document Number	ISO Title	ISO Document Number
Health and safety in welding-guidelines for risk assessment of welding fabrication Activities	VIII-2081r2-09	Health and safety in welding -- Guidelines for risk assessment of welding fabrication activities	ISO Technical Report 18786:2014
Health and safety in welding and allied processes – arc welding fume components	VIII-2057r3-07	Health and safety in welding-and allied processes -- Arc welding fume components	ISO Technical Report 13392:2014

Best Practice Documents of Commission VIII Published in *Welding in the World (WIW)*

IIW CVIII Title	IIW Document Number	Author(s)	WIW Citation
Lung Cancer and Arc Welding of Steels	VIII-2090r6-11	IIW Commission VIII	Weld World 2011; 55: 12-20
Welding with non-consumable thoriated tungsten electrodes	VIII-2172-12	COSTA, L.	Weld World 2015; 59: 145-150
Exposure to nitrogen oxides (NO, NO ₂) in welding	VIII-2108r-10	SPIEGEL-CIOBANU, V.; ZSCHIESCHE, W.	Weld World 2014; 58: 499-510
Arc welding and airways disease	VIII-2136r3	COSGROVE, M.	Weld World 2015; 59: 1-7
Arc welding of steels and pulmonary fibrosis	VIII- 2171r-14	COSGROVE, M.; ZSCHIESCHE, W.	Weld World 2016; 60: 191-199
Welding electrical hazards: an update	VIII-2145-12	HISEY, D.	Weld World 2014; 58: 171-191
Fire prevention during hot work	VIII-2145r4-14	HEDRICK, S.; PETKOVSEK, J.; HISEY, D.	Weld World 2015; 59: 585-587