



INTERNATIONAL INSTITUTE OF WELDING

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**C-VIII – Health, Safety and Environment**  
**DRAFT AGENDA – THE 76th IIW ANNUAL ASSEMBLY**  
**MARINA BAY SANDS CONVENTION CENTRE**  
**SINGAPORE (MEETING ROOMS – TBD)**  
**MONDAY, JULY 17, 2023 8:30 – 10:30, 11:00 – 12:30 SGT**  
**TUESDAY, JULY 18, 2023, 8:30 – 10:30, 11:00 – 12:30 SGT**  
**(Breaks scheduled 10:30 – 11:00 each day)**  
**WEDNESDAY, JULY 19, 2023, 17:00 – 18:00 SGT**  
**(Joint Meeting with C-II Arc Welding and Filler Metals)**

VIII-2358-23

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Notes: Notes

Meeting: THE 76th IIW ANNUAL ASSEMBLY C-  
VIII HEALTH, SAFETY AND ENVIRONMENT -  
MARINA BAY SANDS CONVENTION CENTRE –  
SINGAPORE JULY 17, 18 & 19, 2023  
Tags: AGENDA

# **Draft Agenda – Joint Meeting with C-II Arc Welding and Filler Metals and C-VIII – Health, Safety and Environment**

**MONDAY, JULY 17, 2023 8:30 – 10:30, 11:00 – 12:30 SGT**

## **1. Opening items, 8:30 – 8:50**

- 1.1. Opening and welcome by the Chair - Werba**
- 1.2. Attendees & Apologies**
- 1.3. Approval of the Agenda (VIII-2358-23)**
- 1.4. Approval of the minutes of the online intermediate meeting on March 29, 2023 (VIII-2357-23)**

## **2. Administrative items, 8:50 – 9:20**

### **2.1. Welding in the World (WitW) - Prof. John C. Lippold, Editor, Welding in the World**

- 2.1.1. Update on the Journal status
- 2.1.2. Explain the roles and importance of PRs and Reviewers
- 2.1.3. Questions?

### **2.2. Roll call of delegates**

- 2.2.1. Clear delegate list
  - 2.2.1.1. [List of Delegates C-VIII R.pdf](#)

### **2.3. Visit of the Secretariat**

## **3. Communication-related items, 9:20 – 9:30**

### **3.1. Announcements - Intermediate Meetings**

- 3.1.1. Call for hosts, locations and dates



## **4. Technical items, 9:30 – 10:10**

### **4.1. Review of health and safety training material as presented by Italo Fernandes during the 2022 intermediate meeting**

- 4.1.1. It was noted that EWA recommended additional hours of training be added. Commission VIII members were requested to submit comments for discussion at the next meeting. 9:30 – 9:50

### **4.2. Presentation/discussion of technical papers**

- 4.2.1. VIII-2359-23 “Characterization and evaluation of welding fumes emitted by flux cored wires”, Kevin, Hoefler and Jonas, Hensel 9:50 – 10:10
- 4.2.2. VIII-2360-23 “The effect of droplet transfer mode on fume generation and particulate size during the MIG welding”, PhD. Zhengwen Zhu, Prof. Yu Shi, Lanzhou University of Technology, China 10:10 – 10:30

#### **MORNING BREAK – RETURN AT 11:00**

- 4.2.3. VIII-2361-23 “Development of a measuring method for inline determination of welding fume emission by using laser photometry”, Benjamin Ebert, Rahul Sharma, Uwe Reisgen, Welding and Joining Institute, RWTH Aachen University, Aachen, Germany 11:00 – 11:20
- 4.2.4. VIII-2362-23 “Augmented Reality Virtual Welding Training Systems: Advancing Health, Safety, and Environmental Sustainability in Welding Training”, Antonio Fernández Pérez, Seabery Augmented Training 11:20 – 11:40
- 4.2.5. VIII-2363-23 “TBD” Bruce Cannon 11:40 – 12:00
- 4.2.6. VIII-2364-23 “TBD”, Bernadette Quémerais, PhD, Associate Professor, UNIVERSITY OF ALBERTA, Division of Preventive Medicine, Faculty of Medicine and Dentistry 12:00 – 12:20

## **5. Review of Day 2 Agenda 12:20 - 12:30**

## **6. Closure of Day 1 12:30**



# Draft Agenda – Joint Meeting with C-II Arc Welding and Filler Metals and C-VIII – Health, Safety and Environment

**TUESDAY, JULY 18, 2023, 8:30 – 10:30, 11:00 – 12:30 SGT**

## **7. National Reports, 8:30 – 9:30**

<b>7.1. Australia (Bruce Cannon)</b>	<b>8:30 – 8:40</b>
<b>7.2. Canada (David Hisey or ?)</b>	<b>8:40 – 8:50</b>
<b>7.3. China (Hong Li or ?)</b>	<b>8:50 – 9:00</b>
<b>7.4. Japan (Satoshi Yamane)</b>	<b>9:00 – 9:10</b>
<b>7.5. USA (David Werba)</b>	<b>9:10 – 9:20</b>
<b>7.6. Others</b>	<b>9:20 – 9:30</b>

## **8. Any other business**

<b>8.1. EU PFAS Restrictions</b>	<b>9:30 – 9:40</b>
<b>8.2. Best Practice Documents/Guides</b>	<b>9:40</b>

**As discussed at the last meeting, the Best Practice Guides can be published by Springer and made available at limited cost. Springer will take care of editing. Commission VIII will need to review the list of Best Practice Guides and submit for publication. The open-access online Best Practice Guide posting is under consideration. Here is an example:**

<https://www.springer.com/series/13906/books>

### **8.3. Review of Best Practice Documents**

8.3.1. <a href="#">VIII-1298-85 Contact lens use in industry.pdf</a>	9:40 – 9:50
8.3.2. <a href="#">VIII-1588-91.pdf</a>	9:50 – 10:00
8.3.3. <a href="#">VIII-1817-97.pdf</a>	10:00 – 10:10
8.3.4. <a href="#">VIII-1823-97 Statement on welding and cutting containers.pdf</a>	10:10 – 10:20



8.3.5. [VIII-1856-98.pdf](#) 10:20 – 10:30

MORNING BREAK – RETURN AT 11:00

8.3.6. [VIII-1858-98.pdf](#) 11:00 – 11:10

8.3.7. [VIII-2028-06-Parkinson's-disease-and-exposure-to-manganese-during-welding.pdf](#)  
11:10 – 11:20

8.3.8. [VIII-2029-06-Chromium-and-manganese-control- Sweden .pdf](#) 11:20 – 11:30

8.3.9. [VIII-2079-08-\(list-of-welding-related-standards\).pdf](#) 11:30 – 11:40

8.3.10. [VIII-2145-12.pdf](#) 11:40 – 11:50

8.3.11. [VIII-2146-12 \(Hisey - Electrical hazard\).pdf](#) 11:50 – 12:00

8.3.12. [VIII-2188-14 \(Hazardous substances in welding\).pdf](#) 12:00 – 12:10

8.3.13. [VIII-2223-16 Activities Hungary \(Bakos Bochum\).pdf](#) 12:10 – 12:20

8.3.14. [VIII-2365-23 EWA 2023-04-Fact-sheet-on-EMF-in-welding-.pdf](#) 12:20 – 12:30

**9. Review of Joint C-II and C-VIII Agenda 12:30**

**10. Closure of Day 2 12:30**



# Draft Agenda – Joint Meeting with C-II Arc Welding and Filler Metals and C-VIII – Health, Safety and Environment

**WEDNESDAY, JULY 19, 2023, 17:00 – 18:00 SGT**

- 1. Welcome by the Chairs – Zhuyao Zhang & David Werba**
- 2. Summary of C-VIII presentations**
- 3. Welding fume**

## **3.1. EU Survey**

3.1.1. The European Union has started a series of actions to discuss the possibility of having fumes from welding and allied processes (“welding + fumes”) listed as carcinogenic in the CMRD Directive (Directive 2004/37/EC - carcinogens, mutagens or reprotoxic substances at work). The IIW believes that this possible inclusion requires in-depth evaluation as it may significantly impact the welding business, not only regionally but also globally. As such, IIW developed the herewith attached statement. In agreement EWF (European Welding Federation) and EWA (European Welding Association) IIW is requesting that these three organisations are recognised as a source of expertise to advise the Statutory bodies and assist them in the evaluation.

3.1.2. IIW Statement on the possible inclusion of “welding+ fumes” in Annex 1 of the CMRD <http://iiwelding.org/media/upload/link/63/iiw-statement-welding-fumes-in-cmrd.pdf>

3.1.3. ECHA Scoping Study - Report for evaluation welding fumes+ under CMRD [TCC-618-23 report for IIW TC-VIII.pdf](#)

3.1.4. Summary of the Minutes & Presentation - Meeting with DG Employment of the European Commission – April 12, 2023

3.1.5. Minutes of the on-line meeting with Working Party on Chemicals (WPC) - May 17, 2023

3.1.6. Next steps

**11. Closure of joint meeting**

**18:00**

