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;

1
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


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.
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**

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**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**
### Best Practice Documents of Commission VIII

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

<table>
<thead>
<tr>
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### Best Practice Documents of Commission VIII Published in *Welding in the World (WIW)*

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<tr>
<td>Lung Cancer and Arc Welding of Steels</td>
<td>VIII-2090r6-11</td>
<td>IIW Commission VIII</td>
<td>Weld World 2011; 55: 12-20</td>
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<td>Welding with non-consumable thoriated tungsten electrodes</td>
<td>VIII-2172-12</td>
<td>COSTA, L.</td>
<td>Weld World 2015; 59: 145-150</td>
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<td>Exposure to nitrogen oxides (NO, NO2) in welding</td>
<td>VIII-2108r-10</td>
<td>SPIEGEL-CIOBANU, V.; ZSCHIESCHE, W.</td>
<td>Weld World 2014; 58: 499-510</td>
</tr>
<tr>
<td>Arc welding and airways disease</td>
<td>VIII-2136r3</td>
<td>COSGROVE, M.</td>
<td>Weld World 2015; 59: 1-7</td>
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<td>Arc welding of steels and pulmonary fibrosis</td>
<td>VIII-2171r-14</td>
<td>COSGROVE, M.; ZSCHIESCHE, W.</td>
<td>Weld World 2016; 60: 191-199</td>
</tr>
<tr>
<td>Welding electrical hazards: an update</td>
<td>VIII-2145-12</td>
<td>HISEY, D.</td>
<td>Weld World 2014; 58: 171-191</td>
</tr>
<tr>
<td>Fire prevention during hot work</td>
<td>VIII-2145r4-14</td>
<td>HEDRICK, S.; PETKOVSEK, J.; HISEY, D.</td>
<td>Weld World 2015; 59: 585-587</td>
</tr>
</tbody>
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