



INTERNATIONAL INSTITUTE OF WELDING

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COMMISSION VIII – Health, Safety and Environment

DRAFT AGENDA FOR THE VIRTUAL MEETINGS OF IIW 74th ANNUAL ASSEMBLY, COMMISSION VIII,

on

WEDNESDAY 14th JULY to FRIDAY 16th JULY 2021

MEETING TIMES ARE 13:00 TO 16:00 CEST

(coffee breaks to be scheduled around 14:30 CEST)

DRAFT AGENDA

Wednesday 14th July at 13:00-16:00 CEST

Venue: Virtual; Meeting Room 3

IIW Commission II, VIII

JOINT MEETING

Agenda

Chair C-II: Gerhard Posch (Austria)

Chair C-VIII: Geoff Melton (United Kingdom)

1. Welcome and opening remarks

- Statements of the chairs by G. Posch and G. Melton
- IIW Antitrust policy by G. Posch

2. Welding fumes

- II-2195-2021 / VIII-2321-2021: “Welding exposure scenarios” by V. van der Mee
- II-2194-2021 / VIII-2322-2021: “Characterisation of arc welding fume samples by FTIR spectroscopy” by V. Vats

3. Hexavalent Chromium in fumes (Cr(VI))

- II-2178-2021 / VIII-2318-2021: “Genotoxicity and inflammatory potential of stainless steel welding fume particles – an in vitro study on standard vs Cr(VI)-reduced flux-cored wires and the role of released metals” by S. McCarrick, V.

Romanovski, Z. Wei, E. M. Westin, K. Persson, K. Trydell, R. Wagner, I. Odnevall, Y. S. Hedberg, H. L. Karlsson

- II-2179-2021 / VIII-2319-2021: “New weldable 316L stainless flux-cored wires with reduced Cr(VI) fume emissions: Part 1 - Health aspects of particle composition and release of metals” by E.M. Westin, S. McCarrick, L. Laundry-Mottiar, Z. Wei, M.C. Biesinger, I. Barker, R. Wagner, K.-A. Persson, K. Trydell, I. Odnevall, H.L. Karlsson, Y.S. Hedberg
- II-2199-2021 / VIII-2320-2021: “New weldable 316L stainless flux-cored wires with reduced Cr(VI) fume emissions: Part 2 – Round robin creating fume emission data sheets” by E.M. Westin, S. McCarrick, L. Laundry-Mottiar, Z. Wei, R. Wagner, K.-A. Persson, K. Trydell, I. Odnevall, H.L. Karlsson, Y.S. Hedberg
- II-2202-2021 / VIII 2312-2021 “Investigation on control strategies of welding fumes and Cr6+ formation using nanoparticle addition in stainless steel SMAW electrode” by Vishnu BR

4. IIW cancer statement

- II-2196-2021 / VIII-2290r1-2020: “IIW Statement on lung cancer and arc welding of steels” by W. Zschiesche

5. Outlook and Closing

DRAFT AGENDA
Thursday 15th July at 13:00-16:00 CEST
Venue: Virtual; Meeting Room 3

1. Opening: Geoff Melton, Chairman

- Welcome and general information about the virtual meetings
- Introduction to new members and apologies for absence.
- Adoption of the agenda
- Approval of the minutes of the virtual intermediate meeting (VIII-2316-21)

2. Publication of the updated IIW statement on lung cancer (VIII-2290r1-2020)

3. Experimental investigation of respiratory and systemic effects of subchronic welding fume inhalation in mouse model with special regard to Tungsten Inert Gas (TIG) welding process, ozone emission and the metal fume fever syndrome (VIII-2323-210) by Csaba Kovago

4. Understanding why DC welding machines kill (VIII-2324-21) by David Hisey

5. Welding electrical safety — Review of AS 1674.2 *Safety in welding and allied processes Part 2: Electrical* (VIII-2325-21) by Bruce Cannon

6. Welding in secondary schools — Electric shock incidents (VIII-2326-21) by Bruce Cannon

7. Proposal for setting up a Working Group on Electrical Safety

8. National Reports

9. Closure of day 2 and review of Agenda (VIII-2317-21) for day 3

DRAFT AGENDA
Friday 16th July at 13:00-16:00 CEST
Venue: virtual; Meeting Room 3

10. Opening: Geoff Melton Chairman and Review of the Agenda (VIII-2317-21)

11. Recorded Presentations by IIW

- **Welding in the World** by John Lippold and Americo Scotti
- **IIW Secretariat** by Luca Costa

12. The role of ergonomics in welding (VIII-2327-21) by Rituraj Bose

13. OptimaSteel - Good Practices in the Steel Industry to Foster Wellbeing and Health Guide project (VIII-2328-21) by Ana Beatriz Lopez

14. Report from the 2nd Green Welding Technology Seminar in Beijing (VIII-2328-21) by Hong Li.

15. ECHA - EU Occupational exposure limits for welding fumes - Call for comments and evidence by John Petkovsec

- https://echa.europa.eu/oels-cce-current-consultation/-/substance-rev/28321/term?utm_source=echa-weekly&utm_medium=email&utm_campaign=weekly&utm_content=20210707&cldee=bWF1cm9fY2FyYWJlbGxpQGxpbmNvbG5lbGVidHJpYy5jb20%3d&recipientid=lead-e4967714c254ea118118005056b9310e-ed8cfa3314224de7bb51de5d9e5df8b2&esid=466e3036-f6de-eb11-812c-005056b9310e

16. Best Practice Papers and other documents: new and existing to be revised

- VIII-2098r6 -16 Best practice documents

17. Liaison with ISO/TC44/SC9

- ISO/TR13392:2014 Arc Welding Fume Components (revise or confirm)
- ISO/TR18786:2014 Guidelines for risk assessment of welding fabrication activities (revise or confirm)

18. Co-operation with EWA

19. Future of Commission VIII:

- Management, business plan and programme of work
- Chair and Vice-Chair

20. Topics for Commission VIII, cooperations and joint meetings

- **Welding consumables; CII**
- **Nanomaterials: CVIII**
- **Additive manufacturing: C XII**
- **Underwater Welding: C XII**

21. Any other business

22. Date and Place of the next meeting

23. Closure of meeting