

## **IIW Commission meetings in Annual Assembly Dubrovnik on July 2 to 4 2007 – by Alice Lau**

Note: All papers are on the IIW website in the Working Group area of Commission II & XII. I summarize some important points of interest.

### **Commission II: Arc welding and filler metals**

1. This commission has 3 sub-commissions:

II-A Research on ferrous weld metals

II-C Testing and measurement of weld metals

II-E Standardization and classification of weld filler metals

2. For commission IIA The 6<sup>th</sup> draft of ISO 3690 was discussed and finalized. Revision was made to send forward to DIS for comments. This draft has details close to AWS A5. Our CSA W48-06 standard currently make reference to ISO 3690 or AWS A5 as test methods for determining diffusible hydrogen values. Resolution will be sent to ISO secretariat. Round Robin will be scheduled to demonstrate suitability to industry.

3. For commission II-C, it covers a few papers related to Ferrite program, Testing of weld metal for hot cracking and microfissuring and testing of high strength weld metals.

4. For commission II-E, it gives us insight of the development of standards for welding consumables. It also covers the program of welding fume. xxx ISO standards were reviewed (worked in TC 44 SC 3)

5. Since Commission II always generate an annual report in a timely manner, please refer to the official annual report.

### **Commission XII: Flux and gas shielded electrical welding process**

1. This commission has a number of sub-commissions:

A Sensors & controls

B Arc welding process

C Production systems & Applications (no paper in this assembly)

D Underwater Engineering

E Quality and safety in welding

2. This commission is a very technical commission and has many research papers.

3. The paper gives covers all the latest technologies, process, and production systems.

4. On third day of the annual assembly (July 4 2007), there was a one day Special Workshop which was a joint workshop of Commission III, VIII, and XII.

5. Many papers were about EMF in both Commission II and XII. It is interesting to know that there was a dead line for national implementation of Directive 2004/40/EC on the minimum health and safety requirements regarding the exposure of workers to the risks

arising from physical agents (electro-magnetic fields – EMF). The deadline is April 30 2008. Canada may want to get prepared to face this challenge in the future.