

**Minutes of the 4<sup>th</sup> meeting of the  
Foundries Industry Advisory Committee  
On 20<sup>th</sup> October 2005 at  
Cast Metals Federation, West Bromwich, Birmingham**

**Present**

J Barrett  
J Parker  
M Shenton  
R Turley  
T Hay  
P Murrell  
G Morley  
T McGowan

**Representing**

HSE  
Cast Metals Federation  
James W Shenton  
Roger Turley Engineering Consultancy  
HSE  
ICME  
CTI  
Halberg Guss

**1 Introduction and apologies**

James Barrett chaired the meeting. Apologies were received from absent members.

**2 Actions arising from the previous meeting on 21 October 2004.**

Glynn Morley reported back on the Foundry Training Initiative.

Questions were asked regarding the latest accident statistics. It had been minuted that these had been sent out to members.

Action

- Trevor Hay to obtain the most recent and send to members.

**3 Minutes of the 3<sup>rd</sup> Meeting held on 21 October 2004**

The minutes of the previous meeting were agreed as a true and accurate record.

**4 Optical Radiation**

A discussion was held regarding the forthcoming European directive on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (optical radiation).

FIAC indicated that the health risk of optical radiation within foundries was limited and that this legislation was disproportionate.

Action

- Trevor Hay to let HSE (Health – Norman Smith) know the FIAC view.
- CMF to liaise with EEF and contact European colleagues to express this view.

## 5 Electromagnetic Radiation.

FIAC was of the view that forthcoming European Directive was similarly disproportionate to the risk.

Action

- Trevor Hay to express this view to HSE (Radiation – Arwel Barrett)
- CMF to liaise with EEF and contact European colleagues to express this view.

## 6 Furfuryl Alcohol

Discussion on the scientific data regarding the carcinogenicity of F.A. Members indicated that a previous version of CHAN33 still existed on HSE's website and should be removed. CHAN 33 is on HSE's website and gives indication of the control levels to be achieved. In particular, it states:

*Where preventing exposure to furfuryl alcohol is not reasonably practicable (e.g. by using a different substance), then you should adequately control exposure by a combination of engineering and process control measures. **Now that the OESs have been withdrawn, your legal obligation under COSHH remains to achieve adequate control. HSE's assessment of the toxicity information on furfuryl alcohol shows that it most closely matches COSHH Essentials hazard group D. This has a target airborne concentration range of 0.05 - 0.5 ppm. HSE recommends that exposures do not exceed 0.5 ppm (8-hour TWA). Employers are advised to use the COSHH Essentials system to obtain advice on suitable controls.***

Foundry Control Guidance sheet FD16.

Action

- Glynn Morley to provide details re A Busby for his comments on FD16 and provision of a suitable diagram if available
- Trevor Hay to indicate that drying rack on illustration to be removed

## 7 Silica

Minutes of the ACTS meeting on 24 November 2005 is on the HSE website. The question was raised regarding the development of Silica Essentials

Action

- Trevor Hay to raise the matter with A Garrod (HSE)

## 8 Formaldehyde

Discussion held regarding Formaldehyde, its carcinogenicity and common limits achieved in the industry. Examples include:

Approx 0.2 @ casting

Approx 0.5 @ hotbox

Action

- Trevor Hay to discuss current European situation with P Howden (Industrial Chemicals Unit- HSE), and let him know FIACs opinion that a 0.1 limit is currently unachievable
- D Oddy to provide indicative US figures

## **9 SHIFT**

John Parker reported back on SHIFT. The SHIFT conference would be on 3 November, and would cover accident statistics, HAVs, the New Noise and Vibration Regs, MMPPE, Slips and Trips, Musculo-skeletal disorders and Manual Handling. Engaging the workforce is also a topic for one session.

## **10 Date, time and venue of next meeting**

**27<sup>th</sup> April 2006, HSE, 1 Hagley Road, Birmingham. 10.00 a.m.**