

No job is more important.



Safety Alert

N°4 2001

## Violent Splattering of Molten Metal



### Details

A jeweller was in the process of melting-down 'old gold' items into an ingot. This process involves pouring molten metal from a crucible into a mould. During this task the gold splattered and some molten metal lodged in one of the jeweller's eyes.

The jeweller is expected to lose some vision in that eye.



## **Contributing Factors**

An investigation into this accident revealed that:

- The mould had been cleaned with a small scraper and dry cloth, however it had not been preheated to remove residual moisture.
- Protective eyewear was available at the time of the accident but was not worn.

## **Recommendations**

- Moulds should be pre-heated.
- Protective equipment (safety shield, leather gloves and apron) should be worn during all melting/heating processes.

If you would like further information contact Workplace Standards Tasmania on:  
Telephone: **1300 366 322** (inside Tasmania) or (03) 6233 7657 (outside Tasmania),

Fax: (03) 6233 8338

Email: [wstinfo@dier.tas.gov.au](mailto:wstinfo@dier.tas.gov.au)

Internet: [www.wsa.tas.gov.au](http://www.wsa.tas.gov.au)



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