



Confederation of British Metalforming

CBM Half Day Event
in association with



14 May 2008 – National Metalforming Centre

Cost reduction by increasing Tool Life & Tool Performance

Tool manufacture and failure are fundamental to your profit margin and production capacity. Getting the best design is often undermined by poor material choice and incorrect process application. The key to optimized tool life is in its design, manufacture, and assembly. Understanding metallurgical composition, treatment, and surface coatings is not a 'black art'. This half day programme will help you to get the best out of your processes by making the right choices.

Power is nothing without control. Even the best tooling will wear and fail. Monitoring tool performance will help prevent catastrophic failure and allow you to reduce down-time. Learn about latest developments in 'on-machine' data acquisition, and how you can streamline your process. Be aware of the advantages offered by treatments and technologies - getting tool manufacturing lead times down.

Programme



09.00	Registration & Coffee
09.30	Welcome & Introduction John Houseman, Director General, Confederation of British Metalforming
09.40	Understanding the metallurgical issues & practical workshop on tool failure Dr J Wright, VP Technology, CRUSTEEL & Crucible Materials Corporation
10.40	Coffee Break & Discussion
11.00	Aspects of lubrication for reduction of tool costs Cliff Lea, Fuchs Lubricants
11.25	New lubrications systems for forging applications Andrew Hancox, Acheson Colloids
11.50	Heat Treatments and surface coatings, outsourcing & sub-contract Dr Chris Constable, Ionbond/Bodycote
12.30	Lunch

£££: CBM members & members' guests £25 + VAT - Non members £50 + VAT
Booking form overleaf

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