



THE FASTENER AND ENGINEERING RESEARCH ASSOCIATION

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FINAL REMINDER

FERA Seminar Thursday 2nd February 2006 – 9.30am

FERA will be holding the first seminar of 2006 at the National Metalforming Centre, topics will include:

- Hydrogen embrittlement: causes and alternatives
- Switching to Cr (vi) free coatings
- High strength stainless steels and their fastener applications

Experts from the industry will be updating delegates on these three important topics followed by a buffet lunch.

This seminar is essential for directors and managers or anyone involved in the specifying, manufacturing, or finishing of fasteners to understand the new legislation on these critical components.

AGENDA

- 9.30am Introduction and Welcome**
John Houseman, CBM
- 9.45 Update on Hydrogen Embrittlement – Causes and alternatives**
A short overview and handout for Members interest from the Anochrome Group
- 10.15 Switching to Cr (VI) free coatings**
Andrew Bliss, Anochrome Group
Current status
- Overview of the “New Coatings”
 - Anti-corrosion protection
 - Processes, reliability and quality
 - Torque tension and coefficient of friction
 - Standards and norms
 - Switch-over status
 - Costs
 - Full Implementation?
- 11.00 Coffee**
- 11.20 RoHS Enforcement**
Chris Smith, Technical Manager, RoHS
Manufacturers will need to understand the requirements of the RoHS Directive to ensure that their products and their components comply.
- 11.50 Hi Strength Stainless Steels**
Soren Andersson, Managing Director, Bulten
Bulten Stainless Steel AB has perfected a range of high strength stainless steels. Development of high strength fasteners for corrosion resistant applications is on the increase. The MD from Bulten Stainless Steel will address the technical aspects of the high strength grades and introduce case studies to illustrate various applications.
- 12.30 Questions and Answers**

£££: FERA/CBM members & members' guests £25+VAT
Non members £50+VAT

PTO





FERA Seminar

Date: Thursday 2 February 2006

Time: 9.30am – 1.00pm

Venue: National Metalforming Centre

£££: FERA/CBM Members & members' guests
£25 + vat inc lunch

Non members £50 + vat inc lunch

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