

ENERGETIC MATERIALS BLAST INFORMATION GROUP

2nd TECHNICAL MEETING

The Use of Structural Justification to Underpin an HSE/ONR Explosives Licence

FULL-DAY EVENT

A joint Technical Meeting of the
Energetic Materials Blast Information Group (EMBIG) and Health and Safety Executive (HSE)

EMBIG is a not-for-profit special interest group with a technical focus on increasing knowledge of the blast characteristics and effects of energetic materials, raising standards and sharing best practice.

19th June 2019

DNV GL, Vivo Building,
30 Stamford St,
South Bank,
London
SE1 9LQ

Register at:

<https://portal.steel-sci.com/eventcalendar.html>

Registration fees:

EMBIG Members: Free of charge

Non-members: £75.00 (+VAT)

Programme:

SESSION TITLE	TIME
Registration	10:00 - 10:30
Welcome and introduction <i>Bassam Burgan - SCI</i>	10:30 – 10:35
Legal basis, regulatory framework and lessons learnt from explosives licensing <i>Qamar Khan - HSE</i>	10:35 - 11:05
Case study 1 – Chemring Countermeasures	
Delivering new regulatory compliant explosives facilities and the technical challenges in licensing ER14 compliant structures <i>Christopher Barr – Chemring and David Goode - D J Goode & Associates Ltd</i>	11:05 – 11:50
Case study 2 – MBDA UK	
MBDA UK – The Journey <i>Gary Powell and Jason Burgess, MBDA UK</i>	11:50 – 12:20
Case study 3	
Maximising the Blast Performance of a Multi-bay Reinforced Concrete Process Building <i>Colin Morison – Colmor Consulting</i>	12:20 – 13:00
Lunch	13:00 - 13:50
Recent research	
Hazard Type 3 Burning Events - Current Practice, a Trials Update and a Possible Way Forward <i>David Goode - D J Goode & Associates Ltd</i>	13:50 – 14:30
Case study 4 – AWE	
AWE’s Experience of Using Structural Justifications to Underpin HSE Explosives Licences <i>Brian Young and Craig Cowie - AWE</i>	14:30 – 15:15
Tea break	15:15 - 15:45
Case study 5	
Assessing the Blast Performance of a Multi-bay Masonry Process Building <i>Colin Morison – Colmor Consulting</i>	15:45 – 16:30
EMBIG Software (EMBLAST) Demonstration	
Demonstration of new software (EMBLAST) for calculating blast effects on structures <i>Ibrahim Fahdah - SCI</i>	16:30 – 17:00
Meeting Close	17.00

Continuing Professional Development:

Members of most engineering institutions can count EMBIG Technical Meetings as Continuing Professional Development (CPD). Attendance certificates are issued to delegates upon request.

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