

# BTS UNDERGROUND HEALTH & SAFETY COURSE

The tunnelling industry faces a buoyant future. Crossrail, Thames Tideway and Station Upgrades in the UK are all progressing. Key to the success of these projects is their completion with the best health and safety record possible.

Following the success of the Underground Health & Safety Course in 2009 it has been decided to repeat this with the two day format of last year to allow more time on specific subjects and include more discussion and debate.

The Health & Safety Course is organised and run by the British Tunnelling Society (BTS), an Associated Society of the Institution of Civil Engineers. The purpose of the course is to provide a comprehensive introduction to Health & Safety in tunnelling.

The course has been developed to focus exclusively on the underground environment. It aims to enhance existing knowledge and develop an awareness of the particular health and safety challenges that working underground can pose.

For those individuals wishing to extend their knowledge of the tunnelling industry, the BTS also hold an annual Design & Construction Course.



Monday 22<sup>nd</sup>  
&  
Tuesday 23<sup>rd</sup>  
November 2010

The Institution  
of Civil Engineers  
London, UK



# BTS UNDERGROUND HEALTH & SAFETY COURSE



## Monday 22<sup>nd</sup> November

### DAY 1 - Underground Risks----Topics

*Ground risks & how mitigated*

*Health & Welfare for underground workers – noise, dust, heat, pollution, harmful gases*

*Occupational Health programmes – Medicals, Drugs & Alcohol, on- going surveillance*

*Emergency Response*

*Compressed Air Usage*

*Underground Safety Passports, Competence, NVQs*

*Debate on Safety Management philosophies*

## Tuesday 23<sup>rd</sup> November

### DAY 2 - Underground Safety

*Safety Management & Maintenance aspects of the use of Underground Machinery – incl. TBM, Loco, Rolling stock, Conveyors*

*Electrical Safety - supply systems, management, safe usage*

*CDM Regulations as applied to design & construction of Underground work.*

*Use of Explosives underground*

*Joint Code of Risk management for underground works*

*Safety Management & Leadership programmes*

*Environmental Impacts/Sustainability issues*

*Course review & candidates assessment*



A detailed programme will be available in due course. Please note that content on specific days may change according to speaker availability/detailed programming.



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## Registration for the BTS Health & Safety Course

Title (Prof/Mr/Mrs/Miss/Ms): ..... First Name: .....

Surname: .....

Job Title: .....

Organisation: .....

Address: .....

Postcode: ..... Country: .....

Tel: ..... Fax: .....

E-Mail .....

**Note: Please complete separate forms per delegate. Photocopies of this form are acceptable**

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### FEES

Non BTS Members  £125

BTS Members Rate  £85    BTS Membership No.: .....

Fees include attendance at the course, delegate documentation and catering during the course.

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**Please return the above slip, with payment (details overleaf) to:**

Ben McAlinden  
BTS Secretary  
The Institution of Civil Engineers, One Great George Street, London SW1P 3AA  
Tel: 020 7665 2229, Fax: 020 7799 1325, email: [bts@britishtunnelling.org.uk](mailto:bts@britishtunnelling.org.uk)

# BTS UNDERGROUND HEALTH & SAFETY COURSE

## Payment Details

Credit/Debit Payment (we do not accept AMEX, Diners Club, Electron or Solo)															
<b>Cardholder's Name:</b>															
<b>Card Expiry Date:</b>															
Switch/Maestro Card Payment															
<b>Cardholder's Name:</b>								<b>Issue No:</b>							
<b>Start Date:</b>								<b>Expiry Date:</b>							
<b>Event/Item of Purchase:</b>															
I authorise you to collect the amount of:															
<b>Cardholder's Signature:</b>															
<b>Date:</b>															

Cheque Payment:	
<b>Amount Payable:</b>	
Please make cheques payable to the British Tunnelling Society	