

Next Society 1/2 Day Technical Seminar - Tuesday 24<sup>th</sup> of February 2015

## What happens when the cube fails?

- *Conformity, site identity testing, non-compliance and understanding core analysis-*



### About this course:

This 1/2 day technical seminar will offer an in-depth insight for Engineers, Supervisors and Technicians with the focus on understanding the importance of a correct Identity Testing regime and the relevance of investigation measures when strengths are apparently not as specified. Also included is a presentation on the process undertaken by a consulting engineer during the assessment of a structure that has been left unfinished/exposed for a prolonged period of time. There will be a Q&A session during the event and opportunities to network.

**Session chair:** *Mr Robert McGrath, Chartered Engineer and Associate Director at Arup*

### Speakers include:

*Dr. Ian Heritage, UK Concrete Society Advisory Engineer*

*Dr. Thomas Callanan, Director of Infrastruct Asset Management Services*

*Mr Tim Murnane, Chartered Engineer and Director of Punch Consulting Engineers*

**Course will run from 9:00 a.m. – 1:00 p.m. and held at Liffey Valley Hotel, Dublin**

Course fee includes tea/coffee and breakfast bagel at registration from 8:00 a.m. and a mid-morning tea/coffee break.

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|--|------|
| ▪ ICS member rate:                       | €90  |
| ▪ Non-members rate:                      | €130 |
| ▪ Course plus individual ICS membership: | €195 |

Bookings and more details from:

[secretary@concrete.ie](mailto:secretary@concrete.ie) | 041 987 6466 |

Alternatively you can book online:

**BOOK NOW**

## 1/2 Day Technical Seminar

# What happens when the cube fails?

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**Tuesday 24<sup>th</sup> of February 2015**

This course is suitable for consultant engineers, Local Authority engineers, building and civil engineering contractors, site engineers, concrete producers, material testing personnel and all who are responsible for concrete construction.

The course will be held at: **Liffey Valley Hotel, Clondalkin, Dublin 22, Ireland** ([maps link](#))

**Registration:** 8:00 am to 9:00 am                      **Seminar:** 9:00 am to 1:00 pm

The cost (No VAT) including tea/coffee breaks during registration and mid-morning is:

- Irish Concrete Society Members:                      **€90**
- Non-Members:    **€130**
- Course fee plus individual ICS membership: **€195**

10% discount for all companies sending multiple delegates

This CPD event is subject to a minimum number of participants. No refund for cancellations – delegate replacement allowed. Contact [secretary@concrete.ie](mailto:secretary@concrete.ie) for more information.

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### The Irish Concrete Society | What happens when the cube fails? | Tuesday 24<sup>th</sup> February 2015

I enclose remittance for \_\_\_\_\_ Places at the Seminar @ €\_\_\_\_\_/person

Total Remittance €\_\_\_\_\_ inc. 10% discount if more than 1 delegate

Delegate name \_\_\_\_\_ delegate email \_\_\_\_\_

Delegate name \_\_\_\_\_ delegate email \_\_\_\_\_

Delegate name \_\_\_\_\_ delegate email \_\_\_\_\_

Company name \_\_\_\_\_ contact name: \_\_\_\_\_

Tel: \_\_\_\_\_ Email: \_\_\_\_\_

Please make all cheques payable to: The Irish Concrete Society and return to Platin, Drogheda, Co. Louth.

Electronic transfer – Quote company and delegate name in the transaction reference and return this form.

**Name:** The Irish Concrete Society

**Sort Code:** 90-10-28

**IBAN:** IE73 BOFI 9010 2885 7912 85

**Branch:** Bank of Ireland, Blackrock, Co. Dublin

**Account Code:** 85791285

**VAT No.** VAT No. 9802217B

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**Topics covered:** *Subject to some minor changes*

- Conformity testing of concrete
- Characteristic strength of concrete
- Importance of Identity Testing
- On site Identity Testing of concrete - methods
- Case Study – Redeveloping a dormant concrete structured building
- IS EN 13791
- Non direct test methods
- Actions in the event of non-compliant concrete – planning and methods
- Assessment of core results
- Assessment of core results in conjunction with indirect methods