



DECODING
EUROPEAN
LOAD CODE 97

BASIS OF GEOTECHNICAL DESIGN
DESIGN OF FOUNDATIONS
HANDS-ON REWARD
HANDS-ON REPUTE

HANDS ON
REWARD
REPUTE

Training courses for civil, structural, and
geotechnical engineers in Dubai 2009

Dr Andrew Bond

MA MSc PhD DIC MICE CEng

... is a UK delegate on the Eurocode 7 Committee, former member of the UK's National Strategy Committee, and co-author of 'Decoding Eurocode 7' & BSI's 'Extracts from the Structural Eurocodes'. He has over 25 years experience in the design of pile foundations and he wrote the geotechnical software programs ReWaRD and Repute. Andrew has delivered Eurocode 7 training courses to major UK consultants, contractors, & public authorities, and overseas in Singapore and South Africa

Pre-requisites for Eurocode courses

The 'Basis ...' course is suitable for designers, managers, specifiers, and clients, with or without any prior knowledge of Eurocode 7. It covers Parts 1 and 2 of Eurocode 7, plus the many associated testing and execution standards.

The 'Design of ...' builds on the 'Basis of ...' to cover detailed design of footings, walls, and piles. This course is aimed primarily at civil, structural, and geotechnical engineering designers who have attended Day 1.

Dubai Monday 18th May
Jebel Ali Golf Resort & Spa
9am-5.30pm

Dubai Tuesday 19th May
Jebel Ali Golf Resort & Spa
9am-5.30pm

Basis of geotechnical design

Overview of EN Eurocodes
EN 1997-1 general rules
Verification of strength (GEO)
Workshop (GEO)
Overview of the investigation standards
EN 1997-2 ground investigation and testing
Verification of stability
Verification of serviceability
Overview of the execution standards
Reporting (GDR and GIR)
Summary and conclusions

Design of foundations

Ground characterization
Design of spread foundations
Workshop (spread foundation)
Design of gravity walls
Design of slopes and embankments
Design of pile foundations
Workshop (pile design by calculation)
Field testing of pile foundations
Summary and conclusions

ReWaRD and Repute Hands-on

These hands-on courses are designed for all users of Geocentrix's design software. They help new users to get started with in the quickest possible time and existing users how to get the most out of the software, by untapping many advanced built-in features.

Delegates must bring their own laptop computer, but the software and dongle will be provided on the day.

Feedback from UK courses ...

"An interesting and thoroughly relevant course that I shall be recommending ... without hesitation"

"Excellent value for money"

"... knowledge of the subject shines through ... able to easily transfer this expertise"

"Great workshops presented by well established individuals within the field"

Dubai Sunday 24th May
Jebel Ali Golf Resort & Spa
9am-5.30pm

Dubai Monday 25th May
Jebel Ali Golf Resort & Spa
9am-5.30pm

Hands-on ReWaRD

ReWaRD's IDE

Key features

Using the Construction Wizard

Getting results

Design capabilities

Earth pressures 101

Selecting a design standard

Design details

*Design example: sheet pile
cofferdam*

Setting up the project

Design of Stage 1

Design fo Stages 2-3

Wrapping up

Obscure features

Questions and answers

Hands-on Repute

Learning how to use Repute

Repute's design workspace

Workshop - Stonebridge Park

Flats

Explaining pile group analysis

Understanding the boundary
element method

Workshop - Wembley Stadium

Parameter selection

Choosing appropriate pile-soil
parameters

Workshop - pile test data

Getting the most out pf Repute

Repute's advanced features

Workshop - bridge abutment

Booking form

Name

Company

Job title

Address

Postcode

Telephone

Fax

Email

Basis of geotechnical design

Monday 18/05 Dubai

£250 GBP per delegate

Basis of geotechnical design and Design of foundations

Monday-Tuesday 18-19/05 Dubai

£450 GBP per delegate

Hands-on ReWaRD

Sunday 24/05 Dubai

£250 GBP per delegate (£200 with TS)

Hands-on Repute

Monday 25/05 Dubai

£250 GBP per delegate (£200 with TS)

Payment at time of booking

Cheque payable to Geocentrix Ltd

BACS payment to Geocentrix Ltd

Sort code 20-84-17 A/c no 80097179

SWIFTBIC BARCGB22

IBAN GB54 BARC 2084 1780 0971 79

Credit card (see website for form)

Terms & conditions

Course fees

£250 for Day 1 'Basis of geotechnical design'

£450 for Days 1 and 2, 'Basis of geotechnical design' and 'Design of foundations'

£250* for Hands-on ReWaRD
£250* for Hands-on Repute
(*£200 for customers with technical support)

Payment for all bookings must be received with the booking.

Cancellations

No refund is given on cancellation of booking. However, delegates may be substituted at any time.

How to book

Send booking form & payment to:

Geocentrix Ltd
Scenic House, 54 Wilnot Way
Banstead, Surrey, SM7 2PY, UK
t: 01737 373963
f: 01737 373980
e: training@geocentrix.co.uk
w: www.geocentrix.co.uk/training

Legal stuff

This leaflet ©2007-9 Geocentrix Ltd. All rights reserved.

Content of courses subject to change without notice. Courses may be cancelled if under-subscribed

