

Foundation Design for Housing



A Practical Perspective

This course will be presented online

5 & 6 October 2021



Presented by: Prof Peter Day Adjunct Professor of Geotechnical Engineering SUN and Consultant, Jones & Wagener

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Course Objectives

This has been tailored for persons involved in the approval or inspection of foundations for houses. Its primary audience is technical personnel from the NHBRC and Local Authorities.

The objective of this course is to provide a practical understanding of:

- ◆ Site investigation requirements and methods for township establishment & individual homes.
- ◆ The selection and design of appropriate foundations for houses,
- ◆ Design of retaining walls and semi-basements including damp-proofing and subsoil drainage.
- ◆ Construction control requirements.
- ◆ Recognition of problems soils, precautionary measures and methods of remediation.
- ◆ Roles of players in the home building industry.
- ◆ Applicable standards and legislation.

Course Outcomes

At the end of the course, the participants should be able to:

- ◆ assess the adequacy of site investigations for types of development and soil conditions
- ◆ assess the suitability of proposed foundation types and designs
- ◆ know what to look out for during inspection of work on site and tests to be undertaken
- ◆ recognise problems soil conditions and appropriate precautions / remediation
- ◆ identify and conform to applicable standards and statutory requirements.

Course Fees: R4 500 per participant

Closing date for registrations: 21 Sep 2021

[CLICK HERE TO REGISTER](#)

Please read the T's & C's

Course Format

The course will be presented online using Microsoft Teams. Course material will be presented each day from 08:30—16:30.

Course Assessment

Participants will be assessed via short quizzes during lectures, submitted online, and discussed at the start of the next session.

Course Material

Reference material, presentations and background reading will be distributed electronically to all participants to the extent permitted by copyright.

Prerequisites

Participants should be familiar with the NHBRC Home Building Manual and SANS 10400.

ECSA & SACNASP CPD Points:

2 points — digital certificates to be issued.

Payment Instructions

Payment is due by 21 Sep 2021. Access to online content will only be granted once payment is made.

Enquiries Janine

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