

VU23068 - Scan concrete using ground penetrating radar (GPR)

DURATION

This course is delivered face-to-face.

All theory and practical components, as well as the required assessment are completed in the one day.

COMMENCEMENT

Once enrolled you can complete the online material at your own pace, but it must be completed (along with successful completion of the practical assessment) prior to the issuance of the Statement of Attainment.

LOCATION and DATES

The face-to-face component of the course is delivered every 3 months. We are grateful of the support that we receive from C.R. Kennedy and use their training room in each State.

COST

\$795.00 (GST free) first person – 10% discount for additional people from same company.

OUTCOME

This is a Nationally recognised training course.

On the successful completion a Statement of Attainment for VU23068 - Scan concrete using ground penetrating radar (GPR) is issued.



GPR is an accepted and routinely used non-destructive method for imaging objects in concrete prior to cutting or coring. It is a safe application of radar regulated by the Australian Communications and Media Authority (ACMA) in Australia.

Fieldwork typically requires one operator. Imaging results are generated on-site for immediate mark out and analysis of targets in the selected area. The inspection, under normal circumstances, can be performed on one side of the slab, which permits slab-on-grade scanning. Some common applications of GPR include, but are not limited to:

- Locating reinforcing bars
- Locating post-tension cables
- Locating metallic and non-metallic conduits
- Detecting voids beneath slab-on-grade
- Slab thickness and cover depth to targets
- Migration and post processing
- Grid and 3d scanning

Our training ensures that your time is not wasted, basic theory can best be taught on-line, at a suitable time for the learner.

Our practical component is delivered by Daniel Beech who is the Director at Subsurface Consulting. Previously Daniel was the long-time technical support engineer at IDS Georadar and the only factory trained technician in the region. During the training Daniel will analyse and interpret a variety of concrete scanning examples.

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