

GEOPHYSICS SAFETY

Road safety

The surveys may be carried out along roads, be careful of the traffic and wear a fluorescent vest (provided) at all times; put out road cones if necessary.

Equipment

Do not use equipment on high poles (eg GPS antenna, magnetometer head) or layout long cables if there is thunderstorm activity in the area and be aware of power lines, electric fences, etc. Be careful of sharp edges on all metal equipment.

Safety practices for seismic surveys

The shot shells used are blanks, however they are explosive devices and you must treat them accordingly.

Transport and storage of shells (for staff)

Shells must be protected from impact, store and transport in the metal box marked "Danger – shells".

Procedures

- Handle shells carefully, keep them in the metal box provided, do not throw them or drop anything on them.
- Insert the firing pin into the pipe only when the pipe is screwed into the ground and remove the pin before screwing the pipe out of the ground.
- Drop the firing pin at arms length ie. keep your head and body well clear in case of 'bounce back'.

Safety practices for electrical surveys

Procedures

- Do not turn on the current until you have positive confirmation from both people moving the current electrodes that they have installed the electrodes and are well clear of them.
- Be sure to turn the transmitter off completely before asking for the electrodes to be moved.