

Replacing cabling in asbestos cement (AC) conduits or boxes

This information sheet sets out safe work techniques for replacing cabling in asbestos cement (AC) conduits or boxes.

Read this information sheet alongside [Working with or near asbestos – good practice guidelines](#) which sets out seven steps for doing asbestos-related work.

Before you start

Tools and equipment you will need

Make sure you have all the standard equipment you need for doing asbestos-related work. See [Sections 5.3 and 7.0 of Working with or near asbestos – good practice guidelines](#) for details.

You will need the following equipment:

- cable slipping compound
- cable slipping compound drill attachment – set power drill at lowest speed
- easily cleaned, smooth cable pulling ropes
- wet wipes or a bucket of water (with added detergent) and clean rags
- adhesive tape
- asbestos waste bags and labels.



Isolate the work area

Take steps to stop unauthorised people from entering the work area while the work is underway and until the area has been decontaminated at the end of the job:

- put barriers and signs up to keep people away from the work area
- close all access points – such as doors, windows or gates
- move items out of the way or cover and seal them with heavy-duty plastic sheeting, also use the sheeting on the ground/floor under and around the work area. This will save you having to decontaminate the items later
- set up your decontamination area.

See [Section 6.0 of Working with or near asbestos – good practice guidelines](#) for more detailed instructions.

Put on your PPE and RPE

Make sure you are wearing the right PPE and RPE. See [Section 7.0 in Working with or near asbestos – good practice guidelines](#) for more detailed instructions.

To see more on RPE and PPE, watch these videos [How to wear a disposable respirator safely](#) and [How to wear a reusable respirator safely](#)

Doing the job

Safe work steps

Step 1

Wet down the equipment and apply adequate cable slipping compound to the conduits/ducts throughout the process.

Step 2

Clean all ropes, rods or snakes used to pull cables after use. Clean close to the point(s) where the cables exit from the conduits/ducts.

Remember:

- ropes used for cable pulling should have a smooth surface that can be easily cleaned
- do not use metal stockings when pulling cables through AC conduits
- do not use compressed air darts to pull cables through AC conduits/ducts
- if the work will be carried out in a confined space, put controls in place to prevent the risk of asphyxiation.



FIGURE 1: Cable slipping compound drill

Once you have finished

Clean up and waste disposal

Put all disposable materials used during the work (such as polythene sheeting) in the asbestos waste bag then double bag it and tape it closed with a gooseneck tie. Clearly label it as containing asbestos.

- [Video: Disposing of asbestos waste and PPE safely](#)
- See [Section 10 of Working with or near asbestos – good practice guidelines](#) for more detailed instructions.

Thoroughly decontaminate the work area and all reusable tools and equipment used during the work.

- [Video: How to decontaminate tools safely](#)
- See [Section 9 of Working with or near asbestos – good practice guidelines](#) for more detailed instructions.

Personal decontamination

You must thoroughly decontaminate yourself.

- [Video: Taking off your respirator and PPE safely](#)
- See [Section 9 of Working with or near asbestos – good practice guidelines](#) for more detailed written instructions.

Final checks

- Visually inspect the area to make sure it is clean.

Note: These safe work techniques reflect recommended good practice. You can carry out this work using different practices, but you need to achieve or exceed the same levels of safety provided by these practices.