

Client Help Sheet

Earthing & Bonding

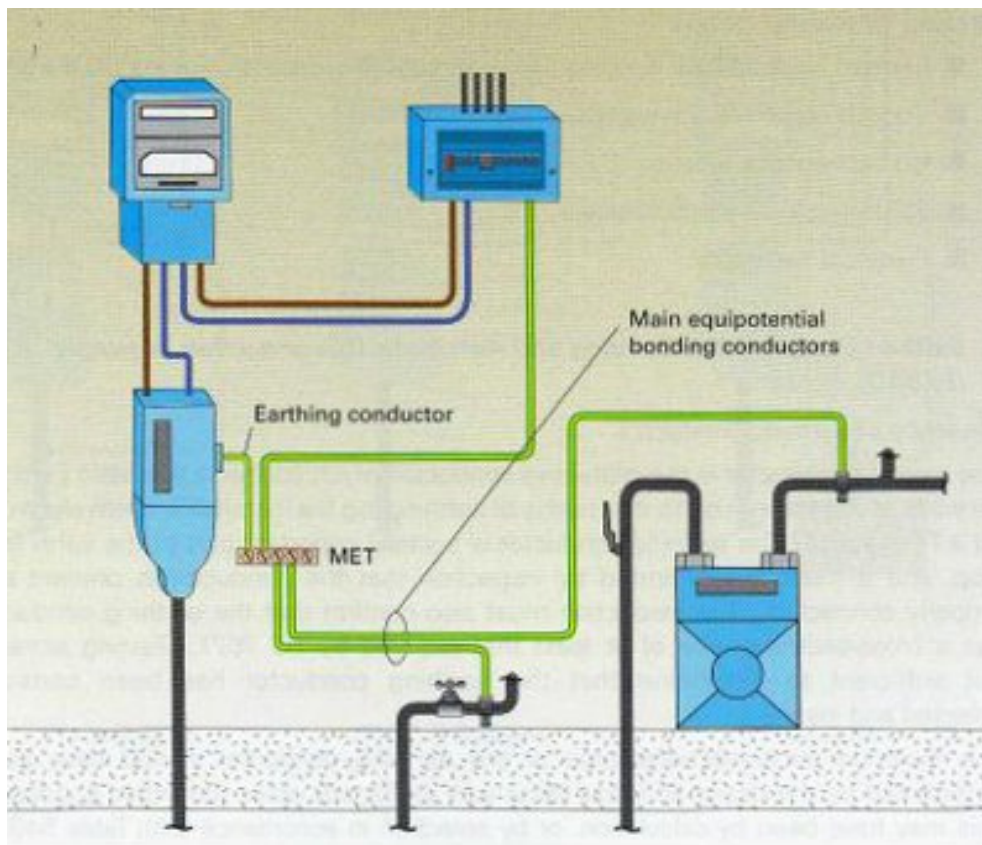
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Earthing and bonding is a less 'glamorous' aspect of the work an electrician carries out in your home.

Earthing and bonding are important safety features in electrical installations. Earthing provides a path for electrical current to flow safely to ground, while bonding ensures that all metallic parts of an installation are at the same potential, reducing the risk of electric shock.

A qualified Part P electrician will always ensure earthing and bonding work is carried out on your electrical installation, however this very important work is nearly always overlooked by an unqualified person.



How to recognise if your home has correct earth bonding

To find out if your electrician has carried out earth and bonding correctly, take a look at your main gas meter. You should see a green and yellow 10mm Cable attached to it. In addition, also take a look at your main water stopcock, you should see a similar connection. Earthing and bonding work are both visually similar in terms of the green and yellow colour identification. Do remember though that in order for an electrical installation to be deemed safe, satisfactory earthing AND bonding must be carried out within 600mm of the meter or stopcock.



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