



Gas protection in Extensions

Landfill and ground gas can be a potential hazard to health.

As such, if you are planning to make structural alterations to a property that is within 250m of a known landfill site or within an area of suspected ground gas it is likely that the Council will require you to install gas protection measures.

Protection to extensions is generally required if:

- an existing building on the site has protection measures
- there are known problems with gas entering unprotected buildings in the area
- there is a high risk landfill site nearby and gas migration is known to be occurring from it close to the property considered.

In other situations where there is the potential for gas but the risk is low and the existing property does not have gas protection measures, protection to the extension may not be required.

If your property already has gas protection measures or the Council has put a condition requiring gas protection measures on the planning approval for your extension, it is important that you install such measures. Such a condition will only be placed on a planning approval if the Council believes that the property and its occupants may be at risk without these protection measures.

If a building contains a certain specification of ground gas protection measures then you should not construct an extension without protection or using measures of a lower specification. Doing so may compromise the gas protection measures to the whole property and it is important that every extension constructed should contain gas protection measures to at least the same specification of that in the existing building.

You will also need to ensure that the construction of extensions does not in any way compromise the effectiveness of existing gas protection measures (e.g. by blocking vents to the underfloor void or damaging existing membranes).