



HyDeploy



Keele
UNIVERSITY

**Gas safety checks
for your home**

It's the Keele difference.

We would like to perform safety checks on the gas appliances in your home as part of Phase 1 of the HyDeploy project.

Why do you need to check my gas appliances?

The safety checks in your home will provide important information to help the Health & Safety Executive (HSE) decide whether HyDeploy can go ahead to Phase 2 the live trial. The data gathered will be presented to the HSE alongside results from laboratory testing.

What are you trying to find out?

The checks will:

1. Make sure your home's gas appliances and pipework meet existing gas safety standards; and work safely with the gas you receive today.
2. Check that your gas appliances can work within a normal range with a hydrogen and natural gas blend.
3. Identify any differences between the results from laboratory testing results on domestic gas appliances, and real life appliances in homes.



Will this cost me anything?

No. The checks and any associated costs will be paid for by the HyDeploy project.

In addition, if the HSE agree that HyDeploy can go ahead to Phase 2 and a live trial in Phase 3, you will also receive a free service for your gas boiler during the live trial period.



What do the safety checks involve?

There are two parts to the safety checks:

1. Are the gas appliances working safely?

The Gas Safe registered engineer will carry out a standard gas safety check on your appliances. If all appliances are found to be safe, you will be given an up to date gas safety certificate for your home and a carbon monoxide alarm if you do not already have one.

2. Do the gas appliances work effectively with a hydrogen and normal gas blend?

A specialist gas testing engineer will check the performance of your appliances with three bottled gases. These will be connected to your gas meter and performance data from your appliances will be recorded. The first of these is a standard normal gas. The two other gases are blends of hydrogen and normal gas. The balance of hydrogen and normal gas in these test gases is being decided following laboratory research.

The checks will take around 2 hours. You will be provided with temporary heating during that time if required. The checks will be carried out by a Gas Safe registered engineer and a gas testing engineer from Kiwa, who specialise in gas testing and certification.

You can find out more detail on the checks in a short animation available at hydeploy.co.uk.



What data are you collecting and how will it be used?

The following data will be collected from your home:

1. Details of your domestic gas appliances (make, model and approximate age).
2. Information about the performance of your appliances with the test gases.

The data collected from your gas appliances will be used in the safety case that is presented to the HSE, and in the annual HyDeploy project reports required by OFGEM. The details will be anonymised to Keele campus.



What happens if one of my appliances isn't working properly?

The standard gas safety check will follow the industry standards for testing gas appliances. In the unlikely event that this test finds that one of your appliances is immediately at risk or dangerous, it may be disconnected. If this happens, you will be provided with temporary heating, and the Keele Estates team will work with you to get you back on to gas as soon as possible.

If one of your appliances is recommended for repair or replacement in preparation for a potential future live trial; the Keele Estates team will work with you to arrange this.

The HyDeploy project will pay for the full cost of repairing and replacing gas appliances.





What if I don't agree to have my appliances checked?

You can decide not to have your gas appliances safety checked. It is highly recommended that you do have your appliances checked so the project team has as much information as possible about homes in the trial area to present to the HSE. It is also an opportunity for you to have a free gas safety check for your home.



How do I set up a time to have my appliances checked?

To book your appointment, visit www.hydeploy.co.uk or call 01782 733777.

Groups of properties have been allocated 2-3 week slots for testing. If you are unable to make one of the appointment times for your area, contact info@hydeploy.co.uk or call the number above.



Do I have to be at home for the checks to be done?

No. If you prefer, you can leave your keys with the Keele Estates department on the day of your appointment. You will need to collect your keys from the Estates Office later that day. If you would like to take this option, please make a note of this on the online booking form.



Further information

You can find more information about the gas safety checks at www.hydeploy.co.uk, including more FAQs and a short animation. Alternatively please contact 01782 733777 or visit one of the drop-in sessions.

HyDeploy timeline

20
17

April to September 2017

Project planning and laboratory safety tests.

Phase 1 To June 2018

Safety check in homes and buildings at Keele. Preparation of safety case for Health & Safety Executive.

Phase 2 July 2018 to March 2019

Design and building of on-site equipment.

Phase 3 April 2019 to March 2020

Live trial of hydrogen blend into the gas network. Project conclusion and report on results.

20
20

**Official project
end 31/03/20**

HSE approval required
for future phases

Call **01782 733777** to arrange an appointment
or visit **hydeploy.co.uk**