

# Gas Engineer Competence for Hydrogen Installations

## 01 December 2021 Webinar Q&A

Responses to questions raised at the *Gas Engineer Competence for Hydrogen Installations Webinar* on 01 December 2021, are detailed below. A small number of answers to questions related to topics outside of scope for Energy & Utility Skills, have been excluded from this document and will be addressed directly with the attendee.

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**Q1. Can we have more detail on the timeline for training development in 2021-2024 for those early neighbourhood trials starting in 2023?**

**Q2. The published timeline doesn't leave much time for production of training material, train the trainer, and assessment of operatives for the H100 trial in Fife. Is there anything that can be done now to get a head start on some of this huge task?**

The final Training Specification and Assessment Module will be completed as soon as possible after the Technical Standards are finalised, expected in the first half of 2023. Training Providers will be able to develop courses before then, with final updates once the Specification is completed. It is worth emphasising that these steps are all dependent on the research being complete (referenced in question 2) and subsequent revisions made to the Technical Standards.

The timescales are tight because of the dependencies involved. However, there is much that can be done in preparation and the work referenced in question 2, planned for 2022. The establishment of Training Providers, course development, Assessment Centre location, Certification Body appointment, Gas Safe Register processes are all within scope of Energy & Utility Skills' Hydrogen Competence Framework.

**Q3. What are the timelines for the completion of the research?**

**Department for Business, Energy & Industrial Strategy (BEIS):** The results are expected to be published Q4 2022 and in Q1 2023 for materials research, further information can be found here:

<https://www.delta-esourcing.com/delta/respondToList.html?accessCode=9W8Z2VUX4N>

**Q4. Is there a list of practical provisions available for training providers to start to plan for the future?**

While the general training and assessment centre provisions are known i.e. hydrogen supply, hydrogen meters and appliances, the exact practical provisions required, form part of this project's ACS unit development work and, once the unit has been finalised, will be communicated to all assessment centres involved.

**Q5. You mentioned we could get involved in the imminent consultation. How do we get involved in this?**

Details of the consultation on the Eligibility Criteria will be shared with all webinar attendees in early 2022.

**Q6. How is it proposed that the initial gas trainers will gain hydrogen competence?**

Trainers will need to be competent on Hydrogen, and be registered on the Gas Safe Register in the domestic categories identified for the first trials. The first thing to establish will be the initial training centres and trainers who meet the entry criteria and need the hydrogen training. Further information on how trainers can get involved will be shared through a series of webinars in early 2022.

**Q7. You mentioned that the focus is on the installation downstream of the meter. Is similar work on competence underway for meter installers?**

Gas Safe Registered engineers involved in meter installation and exchange are included in the scope of this project.

**Q8. Why don't we introduce a Hydrogen knowledge unit into ACS now - this will start to future proof the industry and can be built upon as the H2 evolution continues.**

The development of a Hydrogen ACS unit is underway, as part of the Hydrogen Competency Framework project. It will include practical skills as well as knowledge so that engineers are able to demonstrate competence in specific work practices needed for hydrogen installations e.g., purging practice. Establishing an ACS unit can be a lengthy process and so, there will be an ACoP alternative available for the early trials, should this be needed. This will mirror the ACS process and be just as robust.