

CASE STUDY · HEAT NETWORKS & COMMERCIAL

MEHNA and BESA heat network training

Writing two of the first seven training modules

AT A GLANCE

CLIENTS
BESA and MEHNA

SECTOR
Heat network training

YEAR
2024

MODULES
HIU fault finding; monitoring and metering (CP1)

HEATWEB SERVICES
Technical authoring: course content, fault-finding charts, assessment questions

When government-funded heat network training launched in 2024, BESA and MEHNA invited Heatweb to write two of the seven initial training modules: HIU fault finding, and monitoring and metering for CP1. More than 800 engineers registered interest in the first few weeks.

The challenge

In April 2024 the UK Government began funding individuals £500 each to attend approved heat network training courses. At the heart of the training are the MEHNA/BESA modules, developed by the industry and delivered as online courses backed by training centres.

The modules had to work for every manufacturer's equipment without bias, and help engineers prepare for regulation through HNTAS, the Heat Network Technical Assurance Scheme.

What we did

- Compiled fault-finding charts and processes covering every standard type of HIU, mechanical and electronic, that apply to all manufacturers without bias.
- Wrote the course content, material and assessment questions for the HIU fault-finding module.
- Wrote the monitoring and metering module on compliance with CP1, the Code of Practice for heat networks, introducing engineers to the processes required.
- Drew on our role as technical authors for both CP1 and HNTAS, and on our years as an OEM.

What we found

- Our experience as a former OEM, now a service supplier to MEHNA's manufacturers, has helped unify the processes all the manufacturers use, training material especially.
- Following CP1 standards and processes is the best way to prepare for regulation through HNTAS.
- Earlier work with BESA on HIU testing standards included the DATA HIU, designed by Heatweb and at one point used to calibrate BESA test houses.

£500
government funding per person for approved courses

2 of 7
initial MEHNA/BESA modules written by Heatweb

800+
engineers registered interest in the first few weeks

The outcome

- Demand went beyond expectations, with more than 800 engineers registering interest in the first few weeks.
- Heatweb engineers were on one of the first courses, and the feedback has been very good.
- Next, we plan the first heat network training guides for BMS engineers, covering CP1 and HNTAS compliance and IoT protocols such as MQTT.

About Heatweb. Heatweb Solutions is a UK provider of engineering support for heat networks and commercial HVAC: monitoring, fault diagnostics, technical compliance, optimisation, commissioning and maintenance.

Talk to an engineer

The full case study: www.heatweb.co.uk/blog/case-study/heat-network-training-guides/

0345 241 1441
enquiries@heatweb.co.uk
www.heatweb.co.uk