



# JH

# JAMES HOOK

EXPERIENCED HEATING ENGINEER AIMING TO SECURE A  
TECHNICAL POSITION IN THE WIND INDUSTRY

## PERSONAL PROFILE

Professional and experienced domestic and commercial heating engineer. Demonstrable ability to work and integrate as part of a team on large multi trade installations and refurbishments and alone on smaller domestic projects; working considerably and respectfully for private clients, providing full design, installation and commissioning services, after sales service and support. Ability to plan, resource, manage and safely deliver projects and work-scopes to meet clients' expectations, schedules and requirements, whilst meeting and exceeding industry installation standards. Continue to develop knowledge and practice safe standards of gas safe training and undertake (CCN1) re-assessment every 5 years. (CCN1) (CENWAT)(HTR)(CKR)

I have a broader interest in energy supply and the transition to renewable energy sources and I'm aiming to secure a technical position within the wind industry. My self-guided study and successful completion of GWO blade technician course have given me initial exposure to the technology with an aim to further develop my skills and experience within a rapidly growing sector.

## KEY SKILLS

## EXPERIENCE & EMPLOYMENT

### Self Employed / Business Owner • J. Hook Gas Services • September 2013 – Present

- Manage and execute design, procurement, installation, commissioning and maintenance of domestic and commercial gas systems, ensuring all work meets industry standards and regulations.
- Perform diagnostics and repairs on gas appliances, optimizing performance and economy of all types of boilers, space heaters, cookers, and water heaters, ensuring all gas and electrical isolations are correctly applied, tested and systems made safe for all involved in the work scope being undertaken.
- Carry out safety checks and maintenance on existing systems to ensure full compliance with Gas Safe standards.
- Respond promptly to emergency service requests, providing repairs and support in line with customer needs.
- Advise clients on safety measures, make energy efficiency recommendations for their gas systems.
- Manage customer invoicing, supplier accounts, VAT and associated business administration commensurate with being a sole trader.

### Plumbing and Heating Engineer • KI5 Maintenance • September 2010 – September 2013

- Plumbing and heating engineer carrying out maintenance and servicing on a wide range of gas appliances, installing bathrooms to a high standard in old and new property.
- Assisting with emergency breakdowns and fault finding on all gas appliances, often in high pressure situations.

### Apprentice Gas Engineer • A World of Fires Ltd • July 2005 – September 2010

- Working within a team, responsible for undertaking boiler installations, fire installations and carrying out maintenance.
- When I qualified as a Gas safe engineer, I was then able to conduct surveys and generate additional work for the business.

- Gas installation and servicing
- Gas safety and compliance
- Appliance repair and diagnostics
- System maintenance
- Knowledge of building regulations
- Pipework installation and maintenance
- Emergency call-out support
- Customer service and communication
- Teamwork and collaboration
- Health and safety procedures

## CONTACT DETAILS



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## TRAINING & EDUCATION

### Wind Energy • DTU Technical University of Denmark • August 2024 – present (60% complete)

Wind energy course covering 16 modules including:

- Wind Energy Economics: Value creation and metrics
- Introduction to wind atlases and the global wind atlas
- Wind farm design and optimization
- Forecasting of wind power
- How and why we measure wind energy: Blade testing and modeling
- Remote sensing for wind energy: Blade design and manufacturing
- Load measurements on wind turbines: Introduction to HVDC
- One-dimensional momentum theory and the Betz limit for maximum power production
- Different methods and concepts for harvesting wind energy
- Composite materials for wind energy: Influence of fluctuating wind speed on systems frequency control
- Fatigue phenomenon and life prediction

### GW0 Blade Technician • Renewable Field Services • September 2024 – December 2024

Course covering:

- Enhanced First aid
- Manual handling & working at heights
- Advanced hub rescue & blade repair
- Sea survival & fire awareness

### Advanced Blade Repair Services January 2025

- IRATA Level 1 Rope Access Course

### Domestic Gas • Lomax Training Services Ltd • January 2010 – August 2013

- Level 3 Certificate (Credit) Complex Natural Gas Installation And Maintenance
- Grade Level 3 NVQ Domestic Gas installation and maintenance (ACS)(CCN1)

### HETAS Certification Solid Fuel Appliances • Shiedel Training Academy • November 2011

- HETAS H003 Dry appliance installation and maintenance

### City and Guilds Level 2 Plumbing Course • Newcastle College • July 2008 – July 2011

- Safety in plumbing, key plumbing principles, common plumbing processes, cold water systems, domestic hot water systems, sanitation systems, central heating systems, electrical supply and continuity, sheet lead weathering

### Biddick School Sports College • Sep 2001 – June 2006

- 9 GCSEs including Mathematics (C) English (C) Information Technology (C) Design Technology (C)
- Construction City and Guilds Credit

