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# John Smith

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Address Line 1

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## HVAC ENGINEER

Possessing excellent HVAC technical skills and problem solving abilities within all aspects of, installation, inspection and commissioning of domestic, industrial and commercial equipment. Conforming to BS7671, 16th Edition IEE wiring regulations, ACS and Certified European (CE) quality standards, HASAW, COSHH, CDM and Permit to Work. Accomplished in meeting targets in technically demanding environments on various projects around the North East of England. Now looking to settle in Gold Coast, Australia as a HVAC Engineer. Working Visa: Class BN Subclass 136 Skilled - Independent applies.

## PROFESSIONAL DEVELOPMENT

<b>Corgi</b>	Registered	March 2006
<b>16<sup>th</sup> Edition</b>	Wiring Regulations	Jan 2004
<b>Certificate</b>	CCN1 Domestic NAT Gas Safety CEN1 Heating Boilers <70KW	Valid to 2011
<b>City &amp; Guilds</b>	Handling Refrigerants (Charging and Recovering)	2007
<b>City &amp; Guilds</b>	Electrical Installation (BS7671)	2001
<b>HNC</b>	Engineering (Electrical / Electronic / Power)	2001
<b>ONC</b>	Engineering (Electrical / Electronic / Power)	1999
<b>NVQ3</b>	Electrical Production	2001
<b>Certificate</b>	Apprenticeship - Armature Winder and Electrical Fitter	2001

## PROFESSIONAL EXPERIENCE

### HVAC ENGINEER / ELECTRICIAN

*Mar 03 - Present*

Company A, Gateshead, England.

- **Air Conditioning process / abilities include:**
  - Carrying out work on a/c condenser unit and evaporator units.
  - Preparing and carrying out copper pipe installations, including all brazing and insulating pipe with armafex.
  - Carrying out all termination of pipe work, e.g. flaring of pipe indoors and out.
  - Carrying out all electrical work, involved in installation from power to unit and all communication cables, fitting all circuit breakers and electrical isolators where necessary. Also wiring in any remote controls.
  - Fitting and connecting pumps needed on systems.
  - Carrying out pressure testing of system using oxygen free nitrogen.
  - Carrying out the vacuum pump operation.
  - Mostly working on Mitsubishi Electric splits (wall mounts and ceiling cassettes).
  - Servicing all a/c systems, checking gas pressures and cleaning coils and filters.
  - Sizing jobs and ordering materials.
  - Decommissioning existing air condition units electrically.
  - Fixing brackets to the walls or hangs a/c cassettes fixings to ceilings.
  - Cutting holes needed for the pipe runs, sometimes through brick/metals walls or through roofs.
  - Installing cable and pipe runs, carrying out flaring and brazing needed.
  - Providing 24-hour callout cover.
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## PROFESSIONAL EXPERIENCE (CONTINUED)

### Heating Duties process / abilities include:

- Installing industrial warm air heaters manufactured by Robert Gordon, combat and Powermatic.
- Carrying out most pipe fitting (copper and steel).
- Installing various types of heating such as warm air heaters, Combi boilers, warm air curtains etc.
- Gained Corgi registration for heating appliances under 70KW and all pipework.
- Working out the cable runs and what materials needed such as type of cables and their sizes, conduit or trunking, cable ties and wall fixings, isolators, fused spurs, heating stats and circuit breakers, and orders all materials to be delivered to site or our office.
- Installing the trunking or plastic conduit, and then installs the cables and then mounts and connecting the local isolators. Connecting power supplies to appliances and connecting controls wires to the appliance and the heating stats, which involves crimping and soldering of wires using tape or terminal caps.
- Installing the gas pipes and all flues needed.
- Connecting the circuit breaker and commissioning the appliance along with a heating engineer.
- Checking and recording the running currents and checks against the manufacturers values.
- Showing customers how to use all the controls and how to isolate the appliance.
- Completing relevant paperwork and gets the jobs signed off.

### TRAINEE HVAC ENGINEER

Oct 02 - Feb 03

Company B, Whitley Bay, England.

- Learned all duties involved in a/c
- Carried out various aspects of plumbing.

### WORK EXPERIENCE

Sep 96 - Nov 02

Armature Winder, Electrical Fitter & Coil Manufacturer, PAT Tester, Vibration Analysis Engineer. FLT Driver.

Company C, Walker, Newcastle upon Tyne, England.

- Started as an Apprentice to be an Armature Winder and after a successful 5 years completed his apprenticeship with high qualifications as an armature winder/ electrical fitter.
- Became part of a new installations team, where I carried out new installations of pumps and electric motors, as well as installing the new equipment.
- Trained in faultfinding.

## PERSONAL

*Born:* 1982.  
*Marital Status:* Married, 1 child.  
*Visa:* Skilled working visa.

*References available on request.*

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