Citu interview – Site manager Leeds

# General info

# Why do you want to do this job?

* I have a keen interest in renewable energy, particularly wind power as well as a love of problem solving and I prefer to work in a hands – on role up close with the technology as I believe this is the way I learn best, when I can touch the technology I am working with.
* I have always enjoyed problem solving and fixing and maintaining my own bikes/cars/properties etc and I think I would really enjoy making this into my career.
* I am particularly interested in Offshore Wind as I believe this has a big part to play in the future of renewable energy and there are some really interesting innovations happening in this field.
* I also find the idea of working offshore very exciting and that this would add to the appeal of the job

# why do you want to work for Citu?

# What relevant experience do you have?

* Mechanical maintenance of cars/bikes/central heating systems
* Electrical installation of domestic wiring systems
* Became designated as a competent person for domestic wiring
* Knowledge gained from Mech Eng degree and Renewable energy course

# Why are you a good fit for the role?

* I love being outdoors and especially by the sea
* Climbing is one of my hobbies and
* Good at troubleshooting and finding solutions to problems
* Enjoy working hands on and fixing and maintaining equipment
* Hands on skills including wiring/plumbing
* Knowledge of electrical systems from BS7671 and degree/masters course
* Knowledge of WTSR and a strong belief in working to a high level of health and safety
* Willing and able to work outdoors in all weathers

# Can you tell us about a time when…?

# Competency based questions

## Teamwork

I have enjoyed working in teams throughout my career in all the businesses I have worked in, but particularly at urban wind where there was a relatively small operations team that had to work closely together to make sure that projects were brought to completion on time, to ensure that the turbines were operational before the Ofgem FiT deadline. This meant working under time pressure and maintaining excellent communication between all external and internal stakeholders.

I was a central member of the team, providing technical support and liaising with many different contractors and suppliers to ensure timely running of projects.

## Health and safety

I believe that health and safety should come first in every work situation, particularly in such a hazardous environment as offshore.

I do not yet have a formal qualification for health and safety but I always use my common sense when it comes to health and safety and I’m well aware of the appropriate PPE to use in each situation. I just use my common sense when it comes to health and safety.

I would welcome the opportunity to receive formal training for health and safety to cement my commitment and to be recognized by the industry for having done so.

## leadershiop

## persauive/influencing skills

## dealing with difficult people

## Fault finding

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Competencies | | | | |
|  | **Situation** | **Description** | **Tasks completed** | **Tools used** |
|  |  |  |  |  |
| Mechanical | Home | Auto mechanics – working on own and parents cars | * Removing and replacing parts such as exhaust/electrical fittings * Replace oil and air filter/change oil * Remove and replace radiator | * Air tools * Spanners * Drills * Torque wrench |
|  | EPS property business | Plumbing and heating | Fitting and adjusting radiators  Cutting and soldering pipework | * Pipe cutter * Blow torch |
|  | Home/work | Bike repair – working on own bike and for bike business | Replacing and removing bearings, cables, servicing forks | * Torque wrench * ratchet spanner * Allen keys * Tap/die |
|  | School | Metal workshop |  | * Lathe * press brake * pillar drill * Tap and die * borer * reamer * files * knurling tool |
|  | Work experience |  |  |  |
|  | University | Fabrication of various items  Specified parts for CNC routing |  | * Micrometer * Vernier callipers * Press brake * Pillar drill |
|  | Kit car | Stripping down engine and rebuilding | Honed cylinders  Wiring  Fitting bodywork | * Honing tool * Compressed air tools * Torque wrench * General mechanic tools |
| Electrical |  | Domestic wiring | Kitchen and bathroom plumbing  Rewires  Installation of consumer units and RCDs/MCBs  Megger – to test:   * Insulation resistance * Tripping times * Loop impedance   Voltmeter   * Continuity and dead testing   Multimeter | * Fluke voltmeter * Megger testing equipment * Cable strippers * Pliers * Multimeter |
|  | Home/volunteering | Built bicycle generator to power lights/TV | Connected up DC motor to charge battery.  Used Multimeter to monitor output voltage to battery.  Specified diode to prevent reverse flow of current | * Bearing puller * Multimeter * Steel fabrication to produce steel roller and plate for mounting |
|  |  | Obtained BS7671 and competent person status |  | Same as above |

# Competency questions

## Can you tell us about a time when you used fault finding skills?

When I ran my own business I regularly had to carry out fault finding on plumbing and electrical systems, for example to find a blockage or leak in pipework, or to find an electrical fault that might be tripping out an RCD. I am a methodical and logical person with an aptitude for fault finding and troubleshooting.

I have also on numerous occasions carried out repairs to my own vehicles/bikes etc to find faults and correct them.

## Team working examples

## Can you demonstrate how you have worked within a Health and Safety framework?

I don’t have a formal qualification for health and safety but I am currently working towards an IOSH managing safely certificate. At Urban Wind I was responsible for coordinating H + S documents between UW and subcontractors so I have a could

When it comes to health and safety I have a common sense approach and know what PPE to use and safe ways of working.

I want to work within a culture where H + S comes first and welcome the opportunity to obtain a formal qualification.

## Why do you want to switch to working hands-on/do you think this job will challenge you enough?

I have recently been working in predominantly office-based jobs and I find this very frustrating. I love working with my hands and being out in the field. I have always enjoyed fixing things and I learn best when I am working hands on with technology. I want to be up close to the technology I am working with.

## Can you demonstrate how you would be comfortable working at heights/at sea?

I am a keen rock climber and am very used to being at heights, so this aspect of the job will not be a problem for me. I have always loved being out on the water and at sea and believe that the environment of this job will make the job more exciting and engaging for me.

## When have you used your engineering?

On many occasions:

### Engineering work experience post university

* Used CAD to optimise manufacturing of sheet metal parts
* Designed steel framework for waste processing equipment
* Specified fabrication of metalwork to create tooling storage
* Worked on construction of racing car for small motorsport company
* Fabricated many different components using

### Own business

* Worked to BS7671 to specify wiring systems for domestic installations
* Carried out installation/commission and testing of wiring systems
* Repaired and installed plumbing components/systems

### Ecovert solutions

* Carried out installation of MVHR and other systems
* Used drawings
* Carried out heat loss calculations to specify insulation and heating

### Urban Wind

* Worked to BS7671 and other standards to assist in specifying windfarm electrical systems. Also assisted in specifying civil engineering layouts and specs. Used software to calculate AEP for wind turbine generators.
* Used CAD to produce designs for civil/electrical layouts

# Do you have any questions?

* What does the training involve?
* Where is the site and how soon does it kick off?
* What can you tell me about the team?
* What is the salary and benefits package?
* When will you be able to let me know the outcome of this interview?
* Is there anything you would like me to expand on or clarify?
* Do you have any doubts that you would like to raise so that I can deal with them now face to face?
* What are typical routes for progression from this role?
* Can you clarify what the shift patterns are, and the payscales for each?