

# BIG ATOM

## **SITE FITTER – MECHANICAL AND ELECTRICAL**

Big Atom provides recycling solutions for the entire waste tyre supply chain including local garages and tyre wholesalers. We collect, shred, and granulate tyres, transforming them into rubber granules to feed into the circular economy.

We are revolutionising recycling methods through digital and industrial innovations to enable a future where resources are extracted from waste, not the earth.

Our dedicated and talented team takes pride in fostering an inclusive and collaborative company culture, prioritising both personal growth and career development. We have a central office in London supporting our operational team in Northwest and Northeast England.

Come be a part of our exciting journey to a cleaner, more sustainable planet!

### **General Purpose**

Responsible for putting together machine parts, installing, maintaining and repairing plant and equipment. This involves assembling parts made from metals or other materials to create production equipment and machinery. Equally responsible for installing, troubleshooting, repairing and testing electrical systems and equipment.

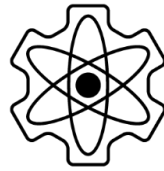
### **Main Job Tasks and Responsibilities**

#### *Electrical Duties*

- Installing and modifying new electrical systems – machine wiring in an industrial setting
- Fault finding and repairing current electrical systems (control panels, electric motors)
- Using blueprints, wiring diagrams and manufacturer's installation manuals to complete projects
- Ensuring that electrical systems adhere to the national electrical safety standards and regulations – 18th edition preferable but will work with the right candidate who has experience and knowledge and wishes to aspire for the 18th edition

#### *Mechanical Duties*

- Completing both preventative and reactive maintenance on machinery such as extraction systems, granulators and shredders, conveyors
- Fabricating and assembling frameworks, platforms, machinery upgrades (welding including stick, tig, mig)
- Ability to understand mechanical drawings and assist Design Engineers



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## *General Duties*

- Maintaining daily and weekly records to ensure all engineering activity is recorded
- Maintaining tools and equipment
- Working to current health and safety regulations and following company health and safety policies and practices
- Ensuring work areas are clean and safe
- Ensuring all relevant people are communicated with for required work
- Carrying out pre work risk assessments and ensuring safety of others at all time

## **Skills and Qualifications**

- Experience in electrical and mechanical engineering
- Experience in preventive and reactive maintenance
- Troubleshooting skills to determine electrical and mechanical malfunctions
- Strong manual dexterity and eye to hand coordination
- Experience resulting in good understanding of hydraulic systems and rotating equipment
- Ability to change bearings, gearboxes and motors
- Experience with diesel engines and yard vehicle repairs
- Experience resulting in the comfortable use of acetylene torch, plasma cutter and stick welder
- FLT license of experience – can be taught in-house but previous experience essential
- iPATH license (cherry picker) – not essential
- Proficient in Microsoft Excel to support work-in-progress and engineering
- Experience with Python programming – not essential but advantageous

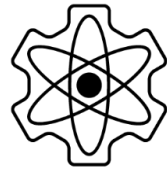
## **Education/Requirements**

- A relevant mechanical and/or electrical engineering qualification

## **Basics:**

- £18.50 - £21 per hour
- 20 days Holiday
- Company pension
- Opt-in Health Insurance
- Sponsored training opportunities
- Based at Ellesmere Port site
- 12 hour shifts, 6 to 6, 4 on 4 off shift pattern

***Successful candidate may be required to undergo DBS check and referencing.***



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