Job Description

Under direct supervision, you will need to complete training courses in order to acquire the knowledge required to select, use and care for tools, equipment and material.

This job will assess the following unit standard

All activities shall be conducted in accordance with workplace procedures.

Knowledge

You will learn about the following from your training provider or workplace trainer/supervisor:

- Types and uses of hand and power tools
- Safety hazards in using tools, equipment and materials
- Precautions to avoid hazards
- Types of materials used
- Identification and reporting of unsafe and faulty tools and appropriate corrective action at this level
- Correct cleaning and maintenance methods for trade tools and equipment
- Importance of keeping accurate personal tool records and equipment, using workplace forms and audit procedures
- Local and International standards and regulations related to Environmental and Climate Change issues
- Introduction to basic computing applications

Attach the reports from your training provider here

Demonstration

To show that you can apply your knowledge in the workplace you will need to:

- Identify, use and store a range of tools, equipment and materials correctly that may include but not limited to:
  - Fuel storage and handling equipment
  - Combustor / furnace
  - Boiler
  - Pumps
  - Fans
  - Steam turbine
  - Generator
  - Condenser
  - Cooling Tower
  - Exhaust / emissions controls
  - System Controls (Automated)
  - Fuel metering
  - Controls

- Conduct tool checks as required by workplace procedures
- Report identified faults to supervisor in accordance with workplace procedures

Feedstock:
- Urban wood waste (packing crates, pellets etc.)
- Wastewater and sewage biogas
- Landfill gas
- Municipal solid waste
- Food processing residues

Receiving System:
- Tuck Tipper
- Conveyor to wood pile
- Radial stacker
- Front end loaders

Processing System:
- Reclaim feeder
- Conveyor
- Metal separator
- Screener
- Grinder
- Buffer Storage
- Fuel metering
- Controls