

# Career Profile: Construction Shotfirer



A Construction Shotfirer uses controlled blasting techniques to create trenches in which to place foundations for civil constructions such as buildings and bridges. Implosion and explosion techniques used to demolish buildings, are a specialised area and require many years of experience.

## Qualification

Conduct surface shotfiring operations UOC - completed as part of the Certificate III in Civil Construction

## Sector

Civil / Recourses

## What might a working day look like? May perform tasks including:

- ▶ Imploding or exploding land and existing buildings in preparation for new construction
- ▶ Check blasting areas to ensure they have met safety regulations
- ▶ Position explosives in bore holes
- ▶ Prime explosives using detonators and explosive cartridges
- ▶ Connect wires, fuses and detonating cords to explosive cartridges and detonators
- ▶ Inspect areas to ensure all explosives have been detonated and the site is safe
- ▶ Decide on quantities of explosives and prepare them on site

## Working Hours

- ▶ Full-time hours per week and you may also be required to work shifts or on weekends

## Conditions

- ▶ Working outside in all weather conditions

## Skills and personal qualities

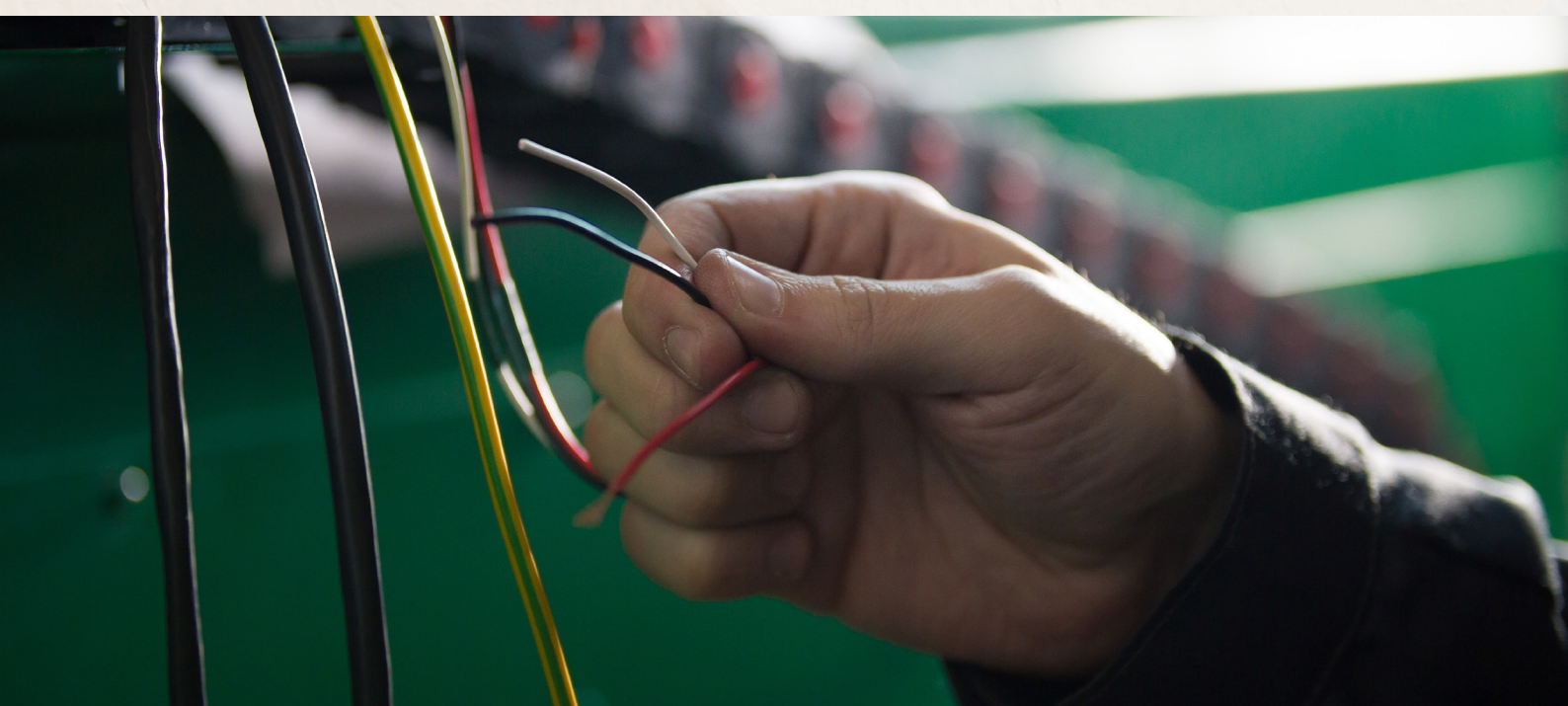
- ▶ Have a careful, methodical and accurate approach to work
- ▶ Problem solving skills and enjoy working in the elements
- ▶ Have a reasonable level of physical fitness
- ▶ Time management, reading and writing skills
- ▶ Safety awareness

## How to get started

To become a Shotfirer you will need to be at least 18 years of age and are required to complete specialised training and obtain a shot-firing licence from the Department of Mines, Industry Regulation and Safety. To be eligible for a Shotfirer's licence you will also need to obtain a WA Dangerous Goods Security card, pass a medical assessment and a National Police clearance.

## Future Pathways and opportunities

- ▶ Business owner
- ▶ Supervisor



## Next Steps

Further information can be found at:

- ▶ Jobs and Skills WA – [www.jobsandskills.wa.gov.au](http://www.jobsandskills.wa.gov.au)
- ▶ Department of Mines and Petroleum – [www.dmp.wa.gov.au](http://www.dmp.wa.gov.au)
- ▶ Job Outlook – [www.joboutlook.gov.au](http://www.joboutlook.gov.au)