



सत्यमेव जयते
**MINISTRY OF SKILL DEVELOPMENT
 & ENTREPRENEURSHIP**
 GOVERNMENT OF INDIA



Skill India
 कौशल भारत - कुशल भारत

PMKVY
 PRADHAN MANTRI KAUSHAL VIKAS YOJANA

PLACEMENT OPPORTUNITIES



**M/s. ANNAPURNA
 TRADERS**



Reliant Drilling



Skill Council for Mining Sector



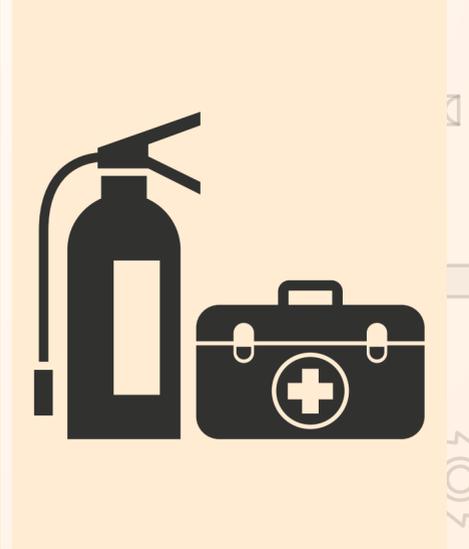
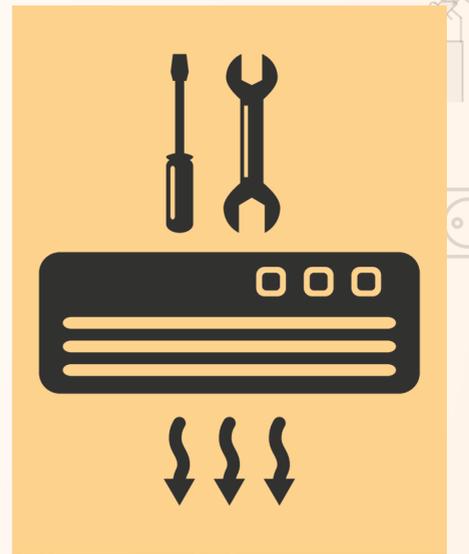
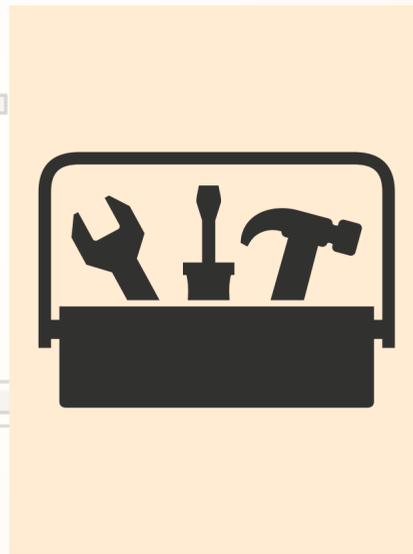
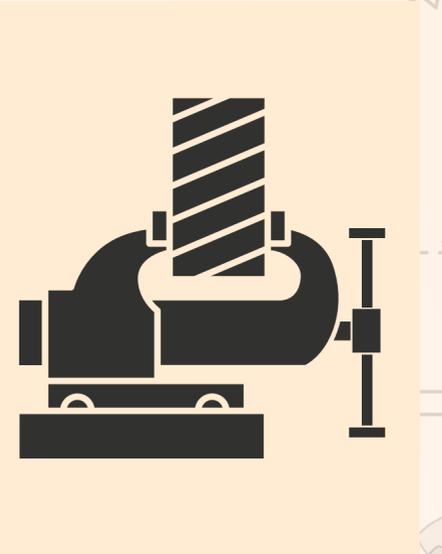
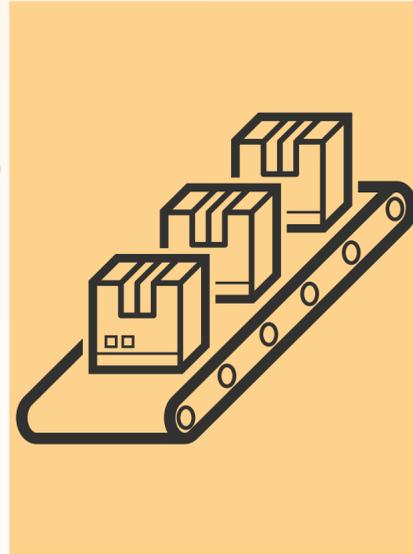
Transforming the skill landscape



Equipment List

Shot Firer/Blaster (MIN/Q0428)

1.	Dummy detonator	x10
2.	Dummy explosive	x10
3.	Dummy Exploder	x2
4.	Copper Scraper	x2
5.	Stemming Rod	x5
6.	Blasting Cable	x100
7.	Packer /Spacer	x20
8.	Crimper	x2
9.	Dummy Safety Fuse/Codex	x4
10.	Signalling Torch	x1
11.	Red Flag	x2
12.	Alarming System	x2
13.	Helmet	x15
14.	Dust Mask	x15
15.	Goggles	x15
16.	Ear Plug, Gloves	x15
17.	Reflective Jacket	x15
18.	Safety Belt	x5
19.	Gum Boots	x15
20.	Fire Extinguisher Cylinders, First Aid Box	x2
21.	Fire Fighting Charts, First Aid Charts	x1





JOB ROLE OVERVIEW

Shot Firer/Blaster (MIN/Q0428)

Role Description

Shot firer assembles, positions and detonates explosives to break or dislodge rock and soil or to demolish structures. In open cast mining operation, shot firer uses larger amounts of explosives to clear masses of earth in open areas. Numerous smaller blasts are often detonated together to create a larger force. In tunnelling and underground mining operation, shot firer uses small amounts of explosives to blast through rock underground. Generally, small blasts are detonated in a sequence to minimise the force and decrease the possibility of unwanted damage.

Version

1.0

NSQF Level

4

Minimum Educational Qualifications

Class X and statutory certificate

Maximum Educational Qualifications

Not Applicable

Training

(Suggested but not mandatory)

1. Holder of statutory "Gas Testing Certificate " in case of Gassy Coal Mines. In all other Case - Not required
2. Latest Blasting techniques and materials
3. Safety and 5S

Minimum Job Entry Age

19 years

Experience

2-3 years of experience as explosive carrier

Applicable National Occupational Standards (NOS)

1. **MIN/N0479** (Receive and Handle Explosive Materials On-Site)
2. **MIN/N0480** (Charge Blast Holes, Blast to Specification and Deal with Misfires)
3. **MIN/N0901** (Health and Safety)

Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below)
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on this criteria.
5. To pass the Qualification Pack, every trainee should score a minimum of 70% in every NOS
6. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack



Career map for Shot Firer/Blaster

