



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

Mechanic/Fitter (MIN/Q0304)

| | | | | |
|-----|--|-----|--|--|
| 1. | Multi Meter | x1 | | |
| 2. | Hydrometer, Torque Wrenches | x1 | | |
| 3. | Engine Assembly (Petrol Or Diesel) | x1 | | |
| 4. | Clutch Plate, Gearbox, Rear Axle, Front Axle, Pressure Plate | x1 | | |
| 5. | Cut model of engine assembly | x1 | | |
| 6. | Model of transmission system | x1 | | |
| 7. | Clutch Plate, Propeller Shaft | x1 | | |
| 8. | Break Assembly unit | x3 | | |
| 9. | Tyre Repair Kit, Self-Starter Assembly | x1 | | |
| 10. | Alternator Assembly ,Horn Assembly | x1 | | |
| 11. | Wiper Motor Assembly | x1 | | |
| 12. | Tyre Pressure Meter, Vehicle Driver, Tool Box | x1 | | |
| 13. | Vehicle Log Book, Air Inflating Pump | x1 | | |
| 14. | Cut model of pump | x1 | | |
| 15. | Cut model of compressor | x1 | | |
| 16. | Typical Vehicle Servicing Chart | x1 | | |
| 17. | Tyre Rotation Chart, Bench-Vice & Line-Vice , Pressure Plate | x1 | | |
| 18. | Helmet, Dust Mask, Goggles, Ear Plug, Gloves, Reflective Jacket, Gum Boots | x15 | | |
| 19. | Safety Belt | x5 | | |
| 20. | Fire Extinguisher Cylinders, First Aid Box | x2 | | |
| 21. | Fire Fighting Charts, First Aid Charts | x1 | | |



JOB ROLE OVERVIEW

Mechanic/Fitter (MIN/Q0304)

Role Description

A Fitter is responsible for repair, maintenance and overhaul of crushers, heavy earth moving machinery, medium and light vehicles, pumps and compressors and other mechanical equipment and assemblies used in a mine. A fitter most often works with / assists technicians who are more qualified and experienced. The individual must be trained to work safely and assure that he/she can protect himself and others working around him from getting injured.

Version

1.0

NSQF Level

3

Minimum Educational Qualifications

Preferable Class X, ITI

Maximum Educational Qualifications

Not Applicable

Training

(Suggested but not mandatory)

1. Technical and gallery training as per first schedule, Mining Vocational Training Rules (MVTR) 1966.
2. Heavy vehicle driving license required.
3. NCVT certified mechanical fitter

Minimum Job Entry Age

18 years

Experience

Not Applicable

Applicable National Occupational Standards (NOS)

1. **MIN/N 0309** (Perform preventive maintenance)
2. **MIN/N 0310** (Perform troubleshooting and repair)
3. **MIN/N 0204** (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 Mechanic/Fitter

