



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



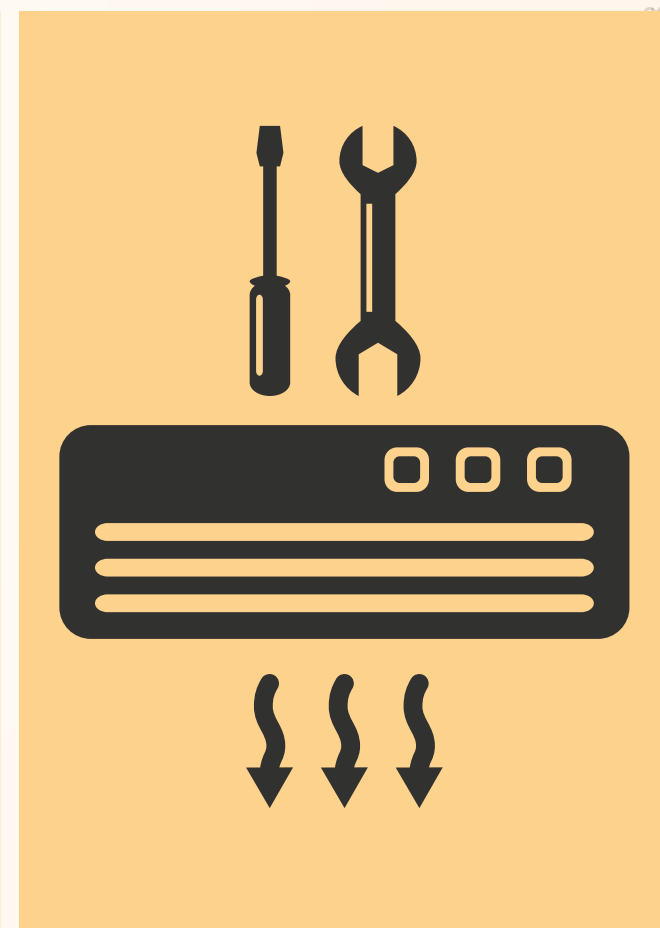
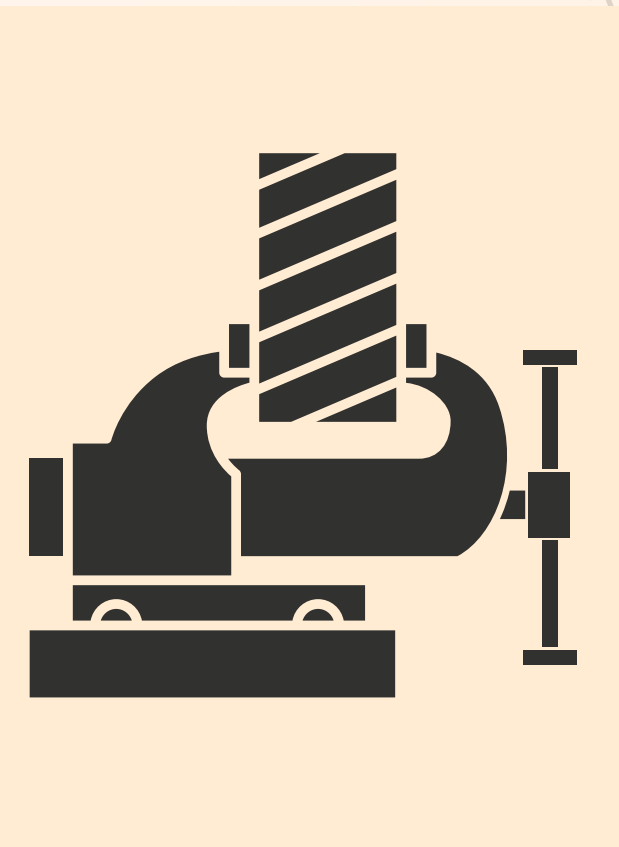
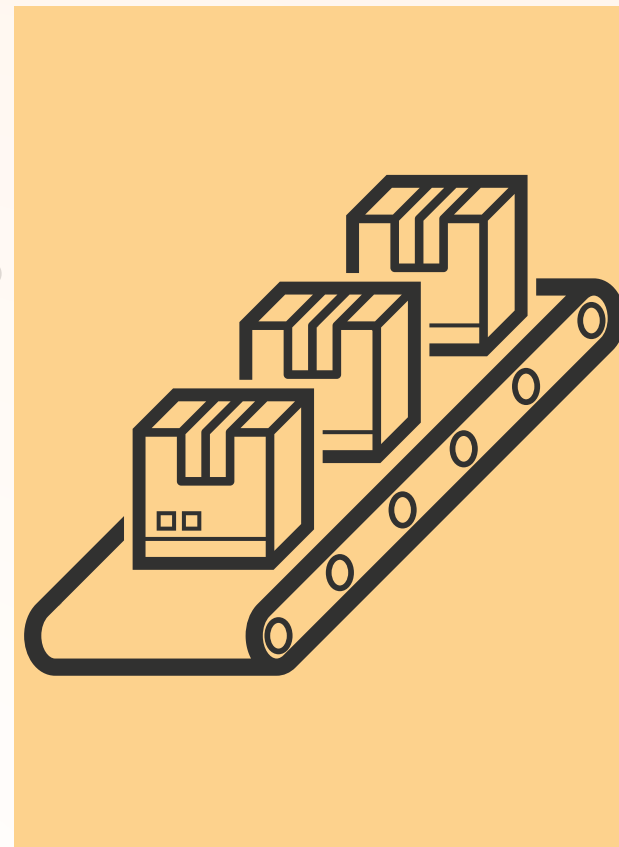
Transforming the skill landscape



Equipment List

Mine Electrician (MIN/Q0416)

1.	3 phase transformer oil filled 10 KVA	x1
2.	Single phase transformer 2 KVA	x1
3.	3 phase squirrel cage Induction motors 5HP	x1
4.	Bus Bar, Megger, MCCB, Board Switch	x1
5.	China Clay Oil Filled Insulator	x1
6.	Line tester, Lead acid Batteries, No/Nc push buttons, Electric Grinder	x1
7.	Power Supply Monitor Panel Board	x1
8.	Digital Multi Meter, Nose Pliers	x2
9.	Switchgear, Adjustable Wrench, Spanner Set	x2
10.	Screw Driver, Set Neo Tester,Combination Pliers	x1
11.	Hammer, Files Set,Wood Saw,Bench-Vice & Line-Vice,	x1
12.	Portable Drill Machine	x1
13.	Hack Saw, Chisel, Measuring Tape, Pipe Wrench	x2
14.	Modal of sub-station for illustration purpose	x1
15.	Modal of continuity of circuits, Heavy duty cutter	x1
16.	Electric knife, Connector,Lug, Wire gauge	x1
17.	Battery charger, Blow lamp, Pulley puller, Hydrometer, Tong tester, Cable, Cable tray	x1
18.	"Gate end box with female socket:single font, Single door and stand mounted with bottom cable entry system"	x1
19.	Fire Extinguisher Cylinders,First Aid Box	x2
20.	Safety Belt, Solding Iron & Consumables	x5
21.	Helmet, Dust Mask,Goggles,Ear Plug, Gloves, Reflective Jacket ,Gum Boots	x15





JOB ROLE OVERVIEW

Mine Electrician (MIN/Q0416)

Role Description

Mine Electrician ensures installation, use, operations and maintenance of the electrical substations and electrical equipment and electrical supply. The role holder also ensures that all the electrical systems and machinery work is in accordance with relevant specifications.

Version

1.0

NSQF Level

4

Minimum Educational Qualifications

ITI/ Higher Secondary

Maximum Educational Qualifications

NA

Training

(Suggested but not mandatory)

1. Latest electrical switchgear, equipment, systems and technologies
2. Safety

Minimum Job Entry Age

18 years

Experience

2-3 years of experience including O&M of electrical supply/ substation and equipment

Applicable National Occupational Standards (NOS)

1. **MIN/ N 0446** (Understand job requirements and related processes)
2. **MIN/ N 0447** (Install the electrical supply/ sub-station and equipment)
3. **MIN/N0448** (O&M of electrical supply/sub-station and equipment)
4. **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 Mine Electrician

