



JOB ROLE OVERVIEW

Fitter - Levelling, Alignment & Balancing (ISC/Q0905)

Role Description

The job holder is responsible for alignment of moving parts (e.g. pumps, blowing fans, etc.), checking the vibration of moving parts (blower fan, pumps, motor gearbox etc.) & balancing of equipment shafts (input and output).

Version

1.0

NSQF Level

3

Minimum Educational Qualifications

10th Pass preferably

Maximum Educational Qualifications

ITI Pass

Training

(Suggested but not mandatory)

- 2 weeks hands on training (mandatory)
- Machining, welding, gas cutting, assembling
- Working knowledge of tools & fixtures
- 5S and safety practices
- Working at heights, confined spaces & high temperatures

Minimum Job Entry Age

18 years

Experience

- 2-3 years' experience in similar function
- In lieu of minimum qualification the incumbent should have minimum 5 to 7 years relevant experience in the similar field/function as utility hand/helper

Applicable National Occupational Standards (NOS)

1. **ISC/N0926:** Understand the assigned job of levelling, balancing & alignment
2. **ISC/N0927:** Prepare for operation of levelling, balancing & alignment
3. **ISC/N0928:** Carry out the assigned operation of levelling, balancing & alignment
4. **ISC/N0008:** Use basic health and safety practices at the workplace
5. **ISC/N0009:** Works effectively with others

Assessment Guidelines

1. 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 center (as per assessment criteria below)
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria.
5. To pass the Qualification Pack, every trainee should score a minimum of 60% 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.



PLACEMENT OPPORTUNITIES


TATA STEEL


सेल SAIL
स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED


JINDAL
STEEL & POWER


MDHANI


JSW


राष्ट्रीय इस्पात निगम लिमिटेड
BASTRIYA ISPAT NIGAM LIMITED
VIZAG STEEL
Pride of Steel

एन एम डी सी

N M D C


SIMA
Sponge Iron Manufacturers
Association


THE INSTITUTE
OF INDIAN
FOUNDRYMEN


IFAPA
The Indian Ferro Alloy Producers' Association


TRF Limited
A TATA Enterprise


TVS


**EUREKA
FORBES**


ESSAR
STEEL


FK


Reliance
RETAIL
Aapki khushi. Hamari khushi.


L&T Hydrocarbon


C&S
electric


TEXMO
INDUSTRIES
Since 1956


YAMAHA


WELSPUN


Godrej


Aarti

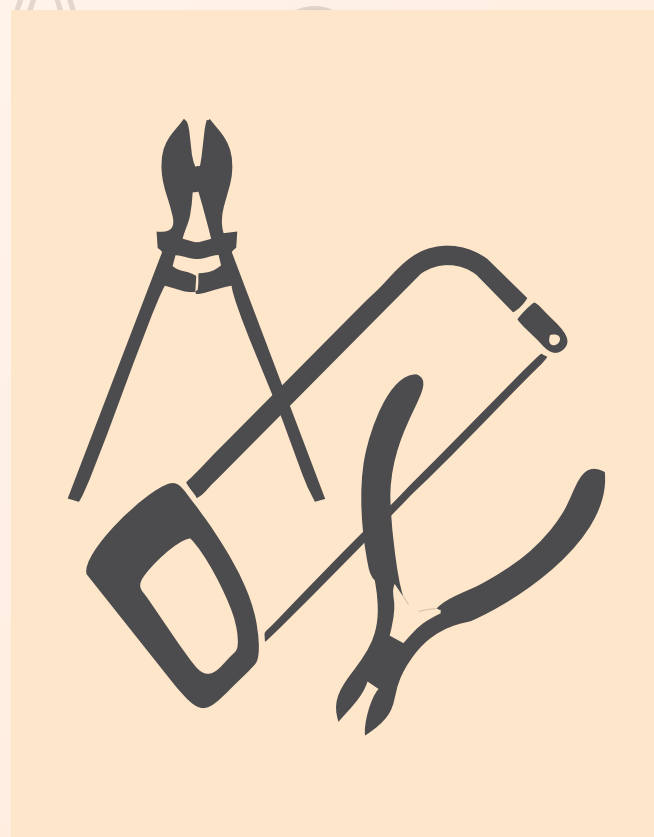
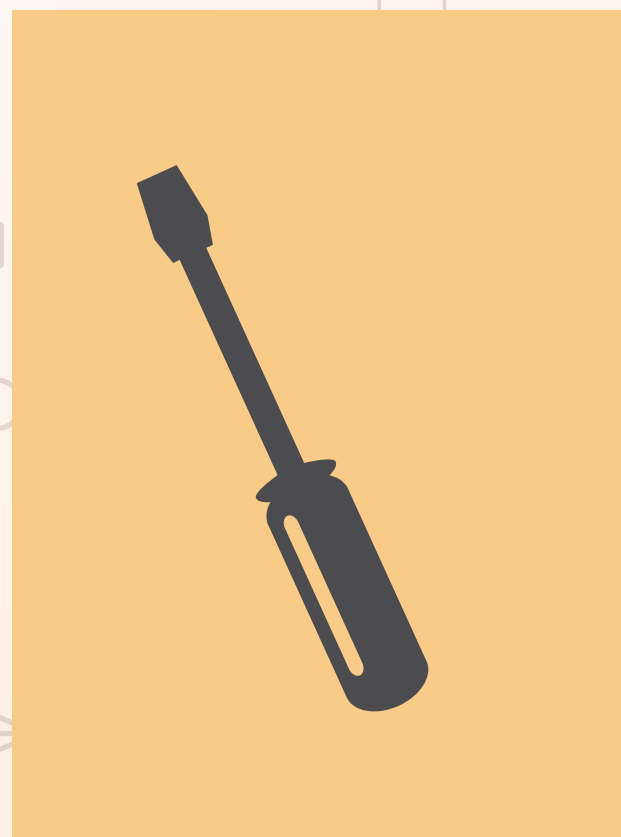
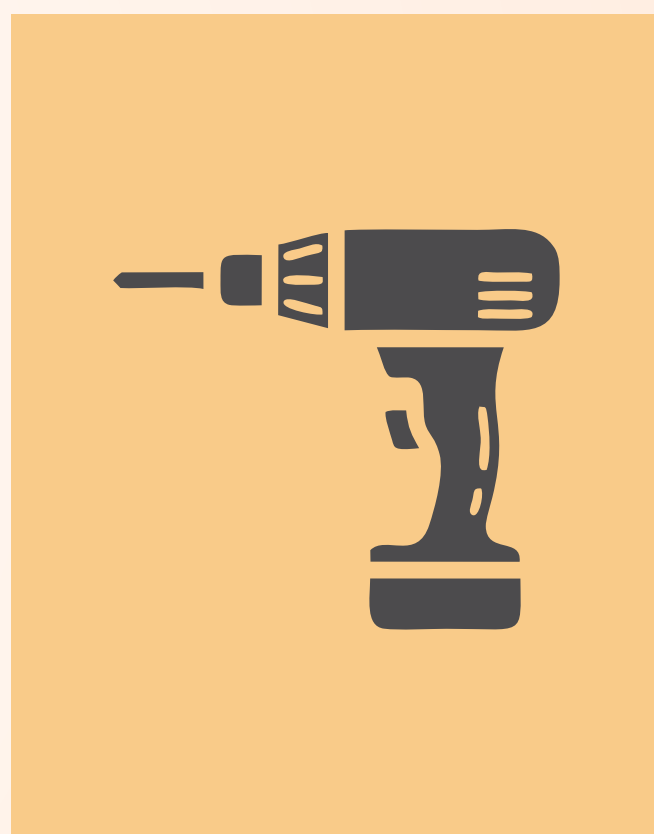
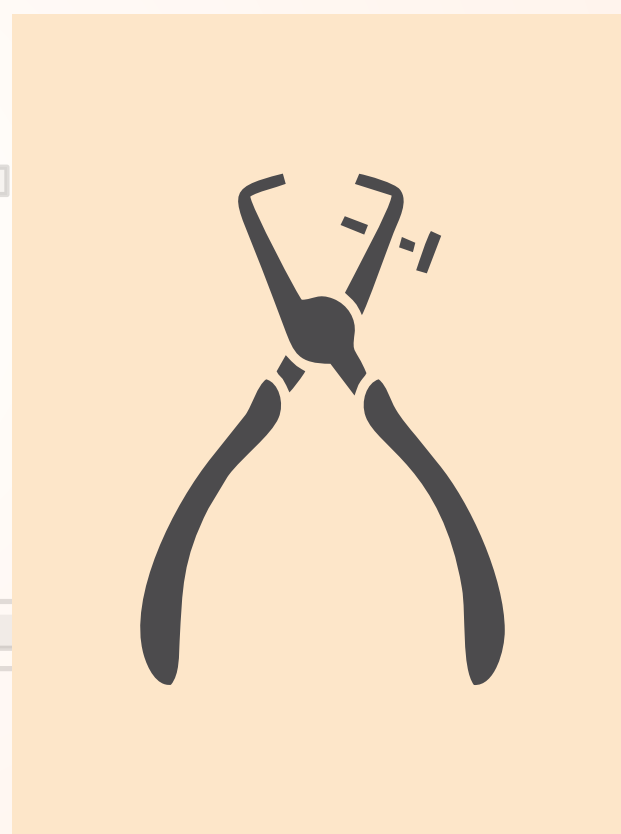
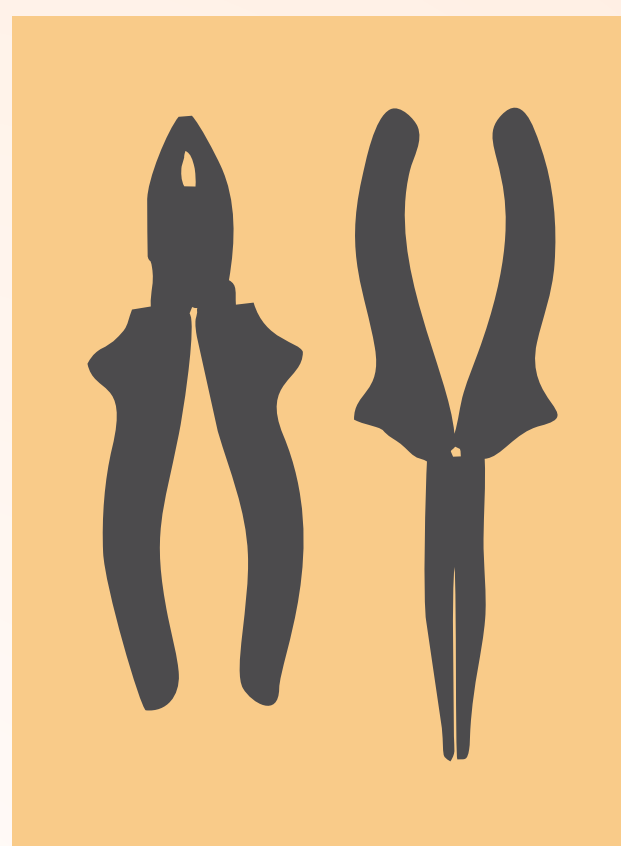

ALPINE
Electrical
Specialists in domestic electrical installation



EQUIPMENT LIST

Fitter-Electrical Assembly (ISC/Q1001)

1.	Steel tape, 15 m length	x10
2.	Plier insulated, 150 mm	x10
3.	Screw driver, 100 mm	x10
4.	Electrician connector, screw driver insulated handle thin stem, 100 mm	x10
5.	Knife double bladed electrician	x10
6.	Neon tester	x10
7.	Hammer, cross peen with handle	x10
8.	Spanner adjustable 150 mm, 300mm	x2
9.	Hand drill machine	x1
10.	Allen key	x1
11.	Crimping tool	x2
12.	Wire stripper 20 cm	x2
13.	Hacksaw frame 200 mm 300 mm adjustable	x2
14.	Pliers flat nose 150 mm	x2
15.	Gauge, wire imperial	x2
16.	Soldering iron 25 watt, 65 watt, 125 watt	x1
17.	Multi meter (analog) 0 to 1000 m ohms, 2.5 to 500 v	x2
18.	Digital multi meter	x5
19.	A.C. Voltmeter M.I. 0 -500V A.C	x1
20.	Ammeter MC 0-5 A, 0- 25 A	x1
21.	Three phase transformer, shell type oil cooled with all mounting 3 kva, 415/240 V, 50 hz, (delta/star)	x10



CAREER MAP FOR ELECTRICAL MAINTENANCE DEPARTMENT

Electrical Maintenance Department in Iron & Steel Industry

- Fitter - Electrical Assembly
- Fitter - Electronic Assembly
- Fitter - Instrumentation

