

## PLACEMENT OPPORTUNITIES

**SECURE**

**Schneider**  
Electric

 **Suprajit**

**UC**

**UrbanClap**

 **Vindhya  
Telelinks  
Limited**

**Nidec** NIDEC CORPORATION  
All for dreams

  
**VEE TECHNOLOGIES**  
Extraordinary Outcomes

**VJ** *Job Wala*

 **oakridge  
energy**

  
**swelect**  
ENERGY SYSTEMS LTD

**adani**

  
**HAVELLS**

**SIEMENS Gamesa**  
RENEWABLE ENERGY

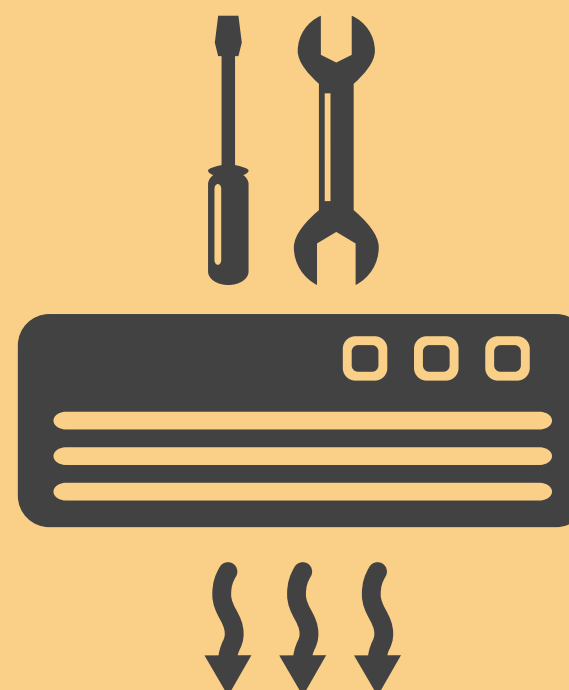
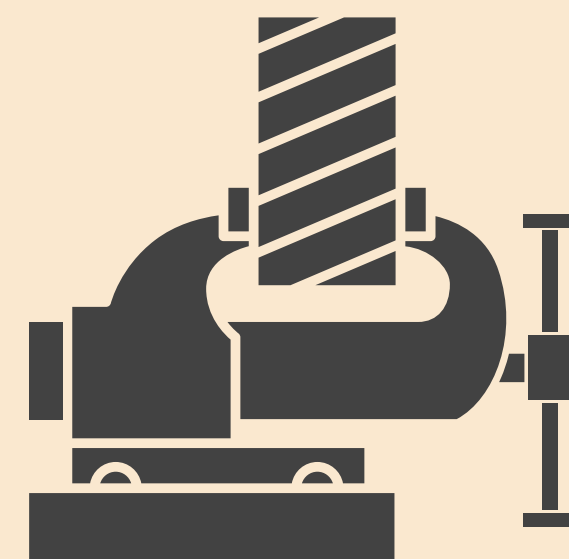
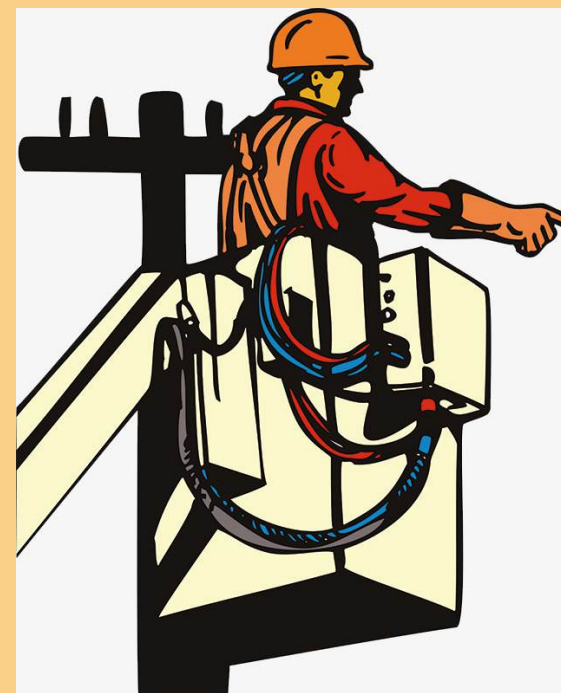
  
**Minj ELECTRICAL**  
contractors



## Equipment List

### Technician - Distrubution Transformer Repair (PSS/Q3003)

|     |   |     |
|-----|---|-----|
| 1.  | Screw Driver Set  | x15 |
| 2.  | Phase Tester  | x5  |
| 3.  | Combination Pliers, Nose Pliers   | x5  |
| 4.  | Spanner Set   | x5  |
| 5.  | Blow Lamp   | x5  |
| 6.  | Cable Socket Punching Tool  | x3  |
| 7.  | Digital Multimeter  | x2  |
| 8.  | Clip On Meter Or Clamp On Tester  | x4  |
| 9.  | Hi-Potential Test Set (Optional)  | x1  |
| 10. | Megger(Analogue)  | x2  |
| 11. | Transformer Oil Testing Kit   | x1  |
| 12. | Discharge Rod   | x1  |
| 13. | Safety Helmet, Rubber Gloves, Safety Sign Board, Safety Belt Or Full Body Harness, Safety Boot, Tagging, Rubber Mat | x2  |
| 14. | 25 Kva Transformer Dismantlled Condition- Sample  | x1  |
| 15. | Emery Paper   | x2  |
| 16. | Aluminium Foil( For Explosion Vent Diaphrhragm)   | x1  |
| 17. | M Seal, Silica Gel  | x1  |
| 18. | Small Capacity Transformer ( 5Kva Or More)  | x1  |
| 19. | Transformer Core- Sample  | x1  |
| 20. | Tranformer Windings With Lamination Sample  | x1  |
| 21. | Welding Set   | x1  |





## CAREER MAP FOR Technician Distribution Transformer Repair (PSS/Q3003)

**Engineer - Distribution  
(6)**

**Junior Engineer  
(JE)- Distribution (5)**

**Technician-Distribution  
Transformer Repair (4)**



## JOB ROLE OVERVIEW

### Technician Distribution Transformer Repair (PSS/Q3003)

|  |   |
|--|---|
| <b>Role Description</b>                          | Technician: Distribution Transformer Repair is capable of dealing with all types of faults and damages in a distribution transformer. He is capable of carrying out required repair and maintenance activities i.e. in the damaged distribution transformer and ensure overall health of the distribution transformer |
| <b>Version</b>                                   | 1.0   |
| <b>NSQF Level</b>                                | 4   |
| <b>Minimum Educational Qualifications</b>        | ITI in Electrician Trade  |
| <b>Maximum Educational Qualifications</b>        | NA  |
| <b>Training</b><br>(Suggested but not mandatory) | Electrical maintenance training - 2 months  |
| <b>Minimum Job Entry Age</b>                     | 20 years  |
| <b>Experience</b>                                | 2 years as an Electrician   |

#### Applicable National Occupational Standards (NOS)

1. PSS/N3005 : Testing and inspection of various faults in distribution transformer
2. PSS/N3006 : Repair, overhaul and delivery of tested distribution transformer
3. PSS/ N 2001 : (Use basic health and safety practices for power related work)
4. PSS/ N 1336 : (Work effectively with others)

#### Assessment Guidelines

1. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. PSSC will also lays 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 PSSC
3. Assessment agencies will create unique question papers for theory part for each candidate at each examination/training center
4. Assessment agencies will create unique evaluations for skill practical at each examination/training center
5. To pass the Qualification Pack, every trainee should score a minimum of 70% marks 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

