

# Engineer – Power Distribution

**Aliases:** Electrical Engineer

**Industry/Sector(s):** Power

## JOB DESCRIPTION <sup>1</sup>

The tasks an Engineer – Power Distribution is expected to perform include:

- Overlooking all installation related activities including erection and commissioning of power distribution systems
- Supervising and maintaining the power distribution system

## WORK ENVIRONMENT <sup>1, 2</sup>

- It is not a desk job
- May need to handle a team of
- Local travelling may be a part of this job role
- Part-time work and contractual jobs may not be available
- Work from home option is not available

### Working hours

- Organizations usually work for 5/6 days a week and 8/9 hours everyday. This may vary from organization to organization
- Shift system is not available
- Overtime may be required

### Is the job suitable for a candidate with special needs?

*This may vary from organization to organization*

## EDUCATIONAL QUALIFICATIONS AND TRAINING <sup>1</sup>

- Preferably, BE/B.Tech. (electrical)
- Certified training for Engineer – Power Distribution (programme aligned to PSS/Q7001 released by Power Sector Skill Council)

## KEY COMPETENCIES <sup>1</sup>

- Well-versed in performing engineering and co-ordination activities as and when required
- Knowledge of power distribution system installation
- Proficient in substation erection and commissioning
- Knowledge of network layout, schematic and design drawing of substation

## DESIRABLE COMPETENCIES <sup>1</sup>

- Time management skills
- Problem-solving skills
- Decision-making skills

## AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

Colleges offering engineering across India

## AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

## SAMPLE OF TRAINING AND LEARNING COURSES

## CAREER PROGRESSION PATH <sup>3</sup>

Helper → Technician → Operator → **Engineer – Power Distribution** → Supervisor → Project Manager

*The progression is indicative*

## EXPECTED EARNINGS <sup>4</sup>

- For new entrants - Rs 41,600 to Rs 58,300 per month

*These figures are indicative and subject to change*

## REQUIRED WORK EXPERIENCE <sup>1</sup>

Some organizations hire new entrants too

## PROBABLE EMPLOYERS <sup>4</sup>

Power units

## KEYWORDS

- Electrical Engineer
- Engineer – Power Distribution

## OCCUPATIONAL CODES AND STANDARDS

<b>Standard</b>	<b>Code</b>	<b>Description</b>
NCO 2015	2151.0302	Engineer – Power Distribution
ISCO 2008	2151	Electrical Engineers
NIC 2008	42202; 35109	Construction/erection and maintenance of power, telecommunication and transmission lines; Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.
QP Reference	PSS/Q7001	Engineer – Power Distribution
NSQF	Level 6	Not available

## REFERENCES