

# Assembly Operator-Capacitor

**Aliases:** Manufacturing Technician - Capacitor

**Industry/Sector(s):** Electronics and HW

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

The tasks an Assembly Operator – Capacitor is expected to perform include:

- Operating machine set up to produce capacitors
- Executing assembly operations and processes such as winding, flattening, protective taping, metal spraying, welding, resin filing and baking
- Achieving zero errors and zero damages as per company standards
- Carrying out preventive maintenance as per specifications
- Delivering product to next work process on time as per production schedule

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

- It needs one to be on their toes
- Work from home option is not available
- Part-timework and contractual jobs are available
- Travelling is not part of the job
- Need not handle a team

### Working hours

- Working is 9/10 hours everyday for 6 days a week
- Shift system may be available

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

Maybe

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

- Minimum – Preferably 12<sup>th</sup> Standard Pass
- Maximum – Preferably ITI/Diploma (Electrical/Electronics)
- Certified training for Assembly Operator - Capacitor (programme aligned to ELE/Q0113 released by Electronics Sector Skills Council)

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

- Knowledge of different types of capacitors, their features and ratings
- Proficiency at operating equipment and various machines, their functioning, cleaning and basic maintenance
- Understanding of raw materials and their properties
- Knowledge of basic concepts of electronics, electrical and component identification
- Understanding of basic programming, setting up and loading machines

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

- Knowledge of Farad rating, debugging, geometric, dimensioning and tolerance (GD &T)
- Knowledge of electrostatic discharge (ESD) and 5S system
- Computer literacy and ability to read production schedules, job sheets and operations manuals
- Previous relevant work experience

## AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

- IL &FS Skills Development Corporation Ltd, NTBCL Building, Toll Plaza, DND Flyway, NOIDA - 201 301. U.P. INDIA Contact No: 0120 - 2459200, 2459201 [http://www.ilfsets.com /](http://www.ilfsets.com/)
- Fun first Global Skillers Pvt. Ltd. A-303 &304, Kailas Industrial Complex, Veer Savarkar Marg, Ghatkopar Hiranandani Link Road, Vikhroli (W), Mumbai – 400079 Contact No: +919969018312, 022-25181012 [http://globalskillers.com /](http://globalskillers.com/)
- Providers Skill Academy Pvt. Ltd. Ganesh Building, 2nd Floor, Old No. 30 New No. 63, Venkatanarayan Road, T. Nagar Chennai – 600017 Contact No: +9198407-12388, 044-24356035 [http://www.providers.net.in /](http://www.providers.net.in/)
- STQC Centre for Electronics Test Engineering ETDC Complex, Kamalanagar ECIL Post, Hyderabad-500 062 Contact No: 040 - 27181110, 27181113 <http://www.stqc.gov.in>
- Electronics Service & Training Centre Kaniya, Ramnagar Dist. Nanital Uttarakhan: 05947- 251201, 251294, 251530 <http://www.estcindia.com>
- ESAB India Ltd. P-41, Taratala Road Kolkata – 700088 Contact No: 033-24014517/ 18/ 19 <http://www.esabindia.com>

#### AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

<http://www.faeaindia.org/StudentInfo.asp>

#### SAMPLE OF TRAINING AND LEARNING COURSES

[https://www.youtube.com/watch?v=3ETwtUOo\\_L0](https://www.youtube.com/watch?v=3ETwtUOo_L0)

#### CAREER PROGRESSION PATH

**Assembly Operator – Capacitor** → Process Supervisor → Process Manager

#### Transfer option

- India: Yes
- Abroad: No

(\*This field to open the relevant job title when clicked)

## EXPECTED EARNINGS

- For fresher - `3,000 to `5,000 per month
- For candidates with 1 year of experience or more – `5,000 to `8,000 per month  
*(\*This figure are indicative and subject to change)*

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

Preferred on-the-job-training

## PROBABLE EMPLOYERS

Capacitor manufacturing companies across India such as Epcos India Pvt. Ltd., Shreem Electric Ltd., GE India, ABB, Bharat Heavy Electricals Ltd., Globe Capacitors Ltd., Vishay Components India Pvt. Ltd., Schneider Electric India, Deki Electronics Pvt. Ltd. and Filcon Electronics Pvt. Ltd.

## PEOPLE'S CORNER

Coming Soon

## KEYWORDS

Manufacturing Technician - Capacitor

## OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	8212.1801	Assembly Operator-Capacitor
ISCO 2008	8212	Electrical and Electronic Equipment Assemblers
NIC 2008	26101	Manufacture of electronic capacitors, resistors, chokes, coils, transformers (electronic) and similar components
QP Reference	ELE/Q0113	Assembly Operator Capacitor
NSQF	4	NA

## REFERENCES

1	<a href="http://www.prnewswire.com/news-releases/india-electrical-capacitor-market-to-grow-at-36-until-2019-says-techsci-research-272272931.html">http://www.prnewswire.com/news-releases/india-electrical-capacitor-market-to-grow-at-36-until-2019-says-techsci-research-272272931.html</a>
2	<a href="http://www.censusindia.gov.in">www.censusindia.gov.in</a>
3	<a href="http://www.nsdcindia.org/sites/default/files/files/Electronics-IT-hardware.pdf">http://www.nsdcindia.org/sites/default/files/files/Electronics-IT-hardware.pdf</a>