

Assembly Operator-PLC

Aliases: PLC Assembly Operator

Industry/Sector(s): Electronics and HW

JOB DESCRIPTION ¹

The tasks a PLC Assembly Operator is expected to perform include:

- Assembling the power supply and micro-controller PCBs
- Sending the PCBs for programming
- Completing the box assembly of the PLC to obtain the final product
- Achieving zero errors and zero damages as per company standards
- Carrying out preventive maintenance as per specifications

WORK ENVIRONMENT ²

- It is a desk job
- Work from home option is not available
- Part-timework and contractual jobs are available in some cities
- Local travelling is not part of the job
- Need not handle a team

Working hours

- Working hours include 9/10 hours everyday for 6 days a week
- Shift system maybe available

Is the job suitable for a candidate with special needs?

Maybe

EDUCATIONAL QUALIFICATIONS AND TRAINING ¹

- Minimum – Preferably 12th Standard Pass
- Certified training for PLC Assembly Operator (programme aligned to ELE/Q7305 released by Electronics Sector Skills Council)

KEY COMPETENCIES ¹

- Knowledge of circuits and functioning of different modules of the PLC
- Knowledge of fundamentals such as Ohms law, difference between AC and DC, series and parallel connections
- Knowledge of components such as diode, transformer, LED, transistor, capacitor, resistor, inductor, thermistor, ICs, etc.
- Ability to read values, colour coding, polarity, orientation, tolerance
- Understanding of basics of soldering and the different types of soldering such as dry and cold solder
- Ability to select and maintain various tools used during the assembly process

DESIRABLE COMPETENCIES ¹

Knowledge of work place norms, such as 5S and Kaizen

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

- ITIs across India
- IL&FS Skills Development Corporation Ltd, NTBCL Building, Toll Plaza, DND Flyway, NOIDA - 201 301. U.P. INDIAContact 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 – 400079Contact No: +919969018312, 022-25181012 [http://globalskillers.com /](http://globalskillers.com/)
- Providers Skill Academy Pvt. Ltd. Ganesh Building, 2nd Floor, Old No. 30New No. 63, Venkatanarayan Road, T. NagarChennai – 600017Contact 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 062Contact 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>

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

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

SAMPLE OF TRAINING AND LEARNING COURSES

[http://www.gcvet.org/syllabus/superior_technology/CNC%20Operator%20\(Turning\).pdf](http://www.gcvet.org/syllabus/superior_technology/CNC%20Operator%20(Turning).pdf)

CAREER PROGRESSION PATH

Coming Soon

Transfer option

•India: Yes

•Abroad: Yes

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

EXPECTED EARNINGS

- For freshers - ` 5,000 to ` 7,000 per month
- For candidates with 1 year of experience or more – ` 7,000 to ` 9,000 per month
(*These figures are indicative and subject to change*)

REQUIRED WORK EXPERIENCE ¹

Freshers and on-the-job-training

PROBABLE EMPLOYERS

Industrial electronic manufacturers

PEOPLE'S CORNER

Coming Soon

KEYWORDS

PLC Assembly, Assembly Operator - PLC

OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	8212.2002	Assembly Operator-PLC
ISCO 2008	8212	Electrical and Electronic Equipment Assemblers
NIC 2008	26104	Manufacture of bare printed circuit boards, loading of components onto printed circuit boards; manufacture of interface cards (e.g. sound, video, controllers, network, modems)
QP Reference	ELE/Q7305	PLC Assembly Operator
NSQF	3	NA

REFERENCES

1	http://deity.gov.in/hindi/sites/upload_files/dithindi/files/Electronics_IT_Hardware_NSDC_Report_17311.pdf
2	www.censusindia.gov.in
3	http://www.nsdcindia.org/sites/default/files/files/Electronics-IT-hardware.pdf