

# Box-building Assembly Technician

## Aliases:

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

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

The tasks a Box-building Assembly Technician is expected to perform include:

- Assembling the electronics, electro-mechanical modules and sub-assemblies
- Connecting the modules using connectors and wire harness
- Checking each subassembly, chassis, component and hardware for box-build
- Enclosing within box or plastic mouldings for completing box assembly

## 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 not available
- Local travelling is not part of the job
- Need not handle a team

### Working hours

- Working is 9 hours everyday for 6 days a week
- Shift system may be applicable

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

Maybe

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

- Minimum – Preferably 10<sup>th</sup>/12<sup>th</sup> Standard pass
- Certified training for Box-building Assembly Technician (programme aligned to ELE/Q5306 released by Electronics Sector Skills Council)

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

- Knowledge of basic electronics and components identification
- Knowledge of different types of modules and sub-assemblies, e.g., fans, card racks, connectors etc.
- Knowledge of functions of electrical, electronic and mechanical parts and modules
- Knowledge of concepts of capacitance and power
- Knowledge of the manufacturing process and frequently occurring defects
- Knowledge of electro-static discharge (ESD) precautions

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

Colour codes and polarity of components, soldering an electro-mechanical assembly

## AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

- Technical Institutes across India
- ITI's across India

## AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

<http://www.bopter.gov.in/html/AppTraining.htm>

## SAMPLE OF TRAINING AND LEARNING COURSES

<http://www.dget.nic.in/upload/uploadfiles/files/List%20of%20Designated%20Trades%20under%20the%20Apprentices%20Act%201961/Mechanic%20Mechatronics.pdf>

## CAREER PROGRESSION PATH

**Box-building Assembly Technician** → Process Supervisor → Process Manager → Plant Manager

### Transfer option

- India: Yes
- Abroad: Yes

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

## EXPECTED EARNINGS

- Fresher - ₹ 7,000 to ₹ 8,000 per month
- For candidates with 1 year of experience or more - ₹ 9,000 to ₹ 12,000 per month  
*(These figures are indicative and subject to change)*

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

Preferred on-the-job-training

## PROBABLE EMPLOYERS

- Electronics Manufacturers
- Electronics System Design Manufacturers

## PEOPLE'S CORNER

Coming Soon

## KEYWORDS

## Box-building Assembly Technician

### OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	8212.1607	Box-building Assembly Technician
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/Q5306	Box-building Assembly Technician
NSQF	3	NA

### REFERENCES

1	<a href="http://www.iesaonline.org/downloads/IESA-F">http://www.iesaonline.org/downloads/IESA-F</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>