

# Assembly Operator – TV

**T**V Assembly Operator assembles various parts of the television to produce the set. Key parts may vary depending on the type of television being manufactured, e.g., CRT, LCD, LED. The individual at work is responsible for fitting in the different modules of the television set into the frame using appropriate screws and connectors during the different stages of the assembly process. The individual is expected to minimise errors at every stage since the assembly line is continuously in motion



## Applicable National Occupational Standards (NOS)

1. Assemble CRT TV
2. Assemble Flat Panel Display (FPD) TV
3. Coordinate with colleagues
4. Maintain safe work environment

- ⇨ Assemble the CRT TV
- ⇨ Report problems to supervisor
- ⇨ Achieve productivity, quality and safety standards as per company's policy

### 1. Assemble CRT TV

This OS unit is about assembling different modules and sub systems to manufacture a CRT TV

***This unit/ task covers the following:***

- ⇨ Understand requirement from the supervisor

### 2. Assemble Flat Panel Display (FPD) TV

This OS unit is about assembling different modules and sub systems to manufacture a CRT TV

***This unit/ task covers the following:***

- ⇨ Understand requirement from the supervisor



- ↗ Assemble the CRT TV
- ↗ Report problems to supervisor
- ↗ Achieve productivity, quality and safety standards as per company's policy

### 3. Coordinate with colleagues

This OS unit is about communicating with colleagues and seniors in order to achieve smooth work flow

**This unit/ task covers the following:**

- ↗ Interact with superior
- ↗ Coordinate with colleagues

### 4. Maintain safe work environment

This OS unit is about following adequate safety procedures to make work environment safe.

**This unit/ task covers the following:**

- ↗ Follow standard safety procedures of the company
- ↗ Participate in company's safety and fire drills
- ↗ Maintain good posture at work for long term health

### Performance Criteria

- ❖ Understanding work requirement
- ❖ Assembling CRT TV set
- ❖ Reporting to supervisor
- ❖ Achieving productivity, quality and safety standards
- ❖ Interacting with superior
- ❖ Following safety measures and standard
- ❖ Maintaining good health and posture

### Knowledge and Understanding

- A. Organizational Context
- B. Technical Knowledge

### SKILLS

- ↗ Core Skills/Generic Skills
- ↗ Reading and writing
- A. Organizational Context
- B. Technical Knowledge

### Professional Skills

- Interpersonal skills
- Communication skills
- Decision making
- Behavioural skills
- System operation skills

### Student Qualification

**10<sup>th</sup> Standard passed / ITI/Diploma Electronics**

The following acronyms/codes have been used in the nomenclature above:

Sub Sector	Range of Occupation numbers
Passive Components	01 - 10
Semiconductors	11 - 20
PCB Manufacturing	21 - 30
Consumer Electronics	31 - 40
IT Hardware	41 - 50
PCB Assembly	51 - 55
Solar Electronics	56 - 60
Strategic Electronics	61 - 65
Automotive Electronics	66 - 70
Industrial Electronics	71 - 75
Medical Electronics	76 - 80
Communication Electronics	81 - 85
PCB Design	86 - 90
LED	91 - 95

### Tools and Equipments

1. Battery Charger
2. Hand Tools
3. Multi meter
4. Volt meter
5. Soldering Iron
6. Drill Machine
7. Cables
8. Spare parts