

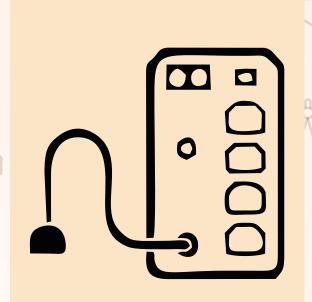


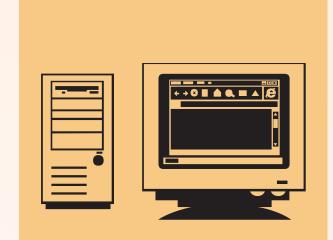


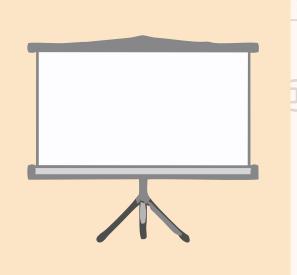
EQUIPMENT LIST

Fitter - Electrical and Electronic Assembly (CSC/Q0305)

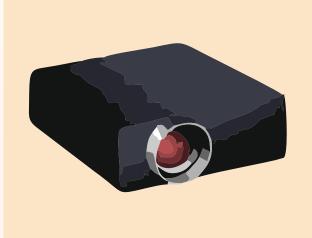
	Fitter - Electricai	anu	riec
1	Projector and Screen	Х	1
2	Tape/Insulater	х	30
3	Safety Glasses	Х	30
4	Apron	Х	30
5	Safety Shoes	Х	30
6	Industry Hand Gloves	Х	30
7	Earthing Tester	Х	5
8	Rubber Sheets	Х	10
9	Wire Connectors	Х	30
10	Circuit Breaker Electrical Panel Socket	Х	30
11	Panel Mount Electric Plug	Х	30
12	Electrical Distribution Panel(Board)	х	10
13	Mini Type Electric Power Control Panel	х	10
14	Terminal Electrical Types Panel Joint	х	10
15	Power /Voltage Regulater	х	10
16	Testing Meters	Х	10
17	MCB (Miniature Circuit Breaker)	Х	15
18	RCD (Residual Current Device)	х	10
19	RCCB(Residual Current Circuit Breaker)	Х	10
20	MCCB (Moulded Case Circuit Breaker)	Х	10
21	ELCB (Earth Leakage Circuit Breaker)	Х	5
22	Pye Wire Stripper & Cutter (insulated)	Х	20
23	Cable Ties	X	15
24	Electrical Clips	Х	10
25	Color Coding Wires/Cables	Х	25
26	Twisted Pair/Ribbon	х	3
27	Copper Wire		1
28	Drives and PLC		10
29	Limit Switches		10
30	Transformers and Chokes	Х	10
31	Sensors		5
32	Lamps/LED		30
33	Cables and Individual Wiring/Fibre Optic Links		5
34	Soldering Kits		15
35	PLC Software		15
36	Computer System		15
37	Measuring Tools		30
38	Tools and Consumables		60
39	Vice Mounted Tables 3Ft X 3Ft X 2.5Ft(H)		3
40	Exhaust Vents		3
41	Other Tools		40
42	AC / DC Motor		6
43	Drilling Machine		5
44	Scrap Box		2
45	Power Back Up	X	1





























JOB ROLE OVERVIEW

Fitter - Electrical and Electronic Assembly (CSC/Q0305)

(Role Description	Operations to assemble and wire up electrical panels/ components and equipment's and systems to mechanical equipment.
	NSQF level	3
	Minimum Educational Qualifications	Diploma (10+) - Electrical or Electronics
	Maximum Educational Qualifications	Not Applicable
	Prerequisite License or Training	No Previous Training Required
7	Minimum Job Entry Age	18 Years
	Experience	No Previous Experience Required
	Performance Criteria	As described in the relevant OS units

Applicable National Occupational Standards (NOS)

- 1. **CSC/N0305**: Assemble and wire up electrical components to mechanical equipment
- 2. **CSC/N0306**: Assemble and wire up electronic equipment and systems to mechanical equipment
- 3. **CSC/N1335**: Use basic health and safety practices at the workplace
- 4. **CSC/N1336**: Work effectively with others

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Guidelines for Assessment

- 1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
- 2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
- 3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
- 4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
- 5. Individual assessment agencies will create unique



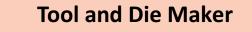








CAREER MAP FITTER - ELECTRICAL AND ELECTRONIC ASSEMBLY



Fitter - Die Assembly

Fitter -Fitter -Electrical Sub Sub Sub Electrical Assembly Special Assembly Assembly Fitter -Sub Assembly and Fitter and Supervisor-Machine Fitter-Electronic Mechanical Fitter -Fitter-Fitter-Fitter Machine Electronic Supervisor-Assembly Mechanical Hydraulic (Injection) Assembly Assembly Assembly Fabrication Assembly fabrication Shop Pneumatic Supervisor-Tool and Fitter -Supervisor-Supervisor-Supervisor-Mechanical Sand General Raw Machine Tool Material Pressure Flow Mould Core **Fabrication** Maker Assembly Shop Purchase Vessels Winder Maker Planner Measurement

> Sheet Metal Worker -Hand Tools and Manually Operated Machines

Grinder - Hand and Hand Held Power Tools Accessory Fitter Fitter Boiler Insulator Fitter
Deburring

Fitter
Drawing and
Marking







