

CRITERIA FOR ASSESSMENT OF TRAINEES



Job Role	Assembly Operator - TV
QP #	ELE/Q3502
Sector Skill Council	Electronics Sector Skills Council of India

Guidelines for Assessment:

- 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.
- The assessment for the theory part will be based on knowledge bank of questions created by the SSC.

Element	Performance Criteria	Total Marks (400)	Marks Allocation			
			Out Of	Theory	Skills Practical	
ELE/N3508 Assemble CRT TV						
Understanding work requirements	PC1. interact with the supervisor in order to understand the day's production requirement	100	5	2	3	
	PC2. plan the day's production activities based on the feedback obtained from superior		5	2	3	
	PC3. use appropriate drawings, job instructions or work manuals		5	2	3	
Assembling CRT TV set	PC4. attach the speaker to the front cabinet of the television		5	2	3	
	PC5. connect the auxiliary/speaker PCB to the system		5	2	3	
	PC6. fit the colour picture tube on to the assembled sub system		5	2	3	
	PC7. wire the degaussing coil and the earth connection to the assembled system		5	2	3	
	PC8. connect the main PCB to this assembly		5	2	3	
	PC9. make necessary adjustments such as white balance adjustment, audio video tests, etc.		5	2	3	
	PC10. attach the back cover and pass the sub system on for packaging		5	2	3	
	PC11. interpret accurately the drawings, wiring and job specifications/instructions		5	2	3	
	PC12. ensure that consumables and components are available in usable condition		5	2	3	
	PC13. ensure that the finished assembly meets the required specifications		5	2	3	
Reporting to supervisor	PC14. highlight any errors in previous step of the assembly process identified		6	2	4	
	PC15. report defective or inadequate number of components		6	2	4	
	PC16. report about inadequate quantity of consumables such as screws, nuts, etc		5	2	3	
Achieving productivity, quality and safety standards	PC17. meet 100% target for number of products to be manufactured per day		2	1	1	
	PC18. achieve 100% of planned work as scheduled		2	0	2	
	PC19. achieve zero errors as per company's standards		2	1	1	
	PC20. achieve zero damager because of electrostatic discharge		2	1	1	
	PC21. keep work area clean and organised identify		2	1	1	
	PC22. report any problems in the assembly line in time		2	1	1	
	PC23. record any defects/inadequacies noted during the assembly process		2	1	1	
	PC24. maintain safety standards as per company policy		2	1	1	
PC25. achieve clean work protocols	2		1	1		
TOTAL			100	40	60	
ELE / N3509 Assemble Flat Panel Display (FPD) TV						
Understanding work requirement	PC1. interact with the supervisor in order to understand the day's production requirement	100	4	2	2	
	PC2. plan the day's production activities based on the feedback obtained		4	2	2	
	PC3. use appropriate drawings, job instructions or work manuals		4	2	2	
Assembling the LCD/LED TV	PC4. check availability of components and modules required for completing the assembly		4	2	2	
	PC5. fix by inserting necessary screws into the chassis before placing the back light screen		6	2	4	
	PC6. place the back light screen on the chassis		6	2	4	
	PC7. assemble the main PCB, the power supply board and the LED driver to form the mother board		7	3	4	
	PC8. connect the speaker to the mother board		6	2	4	
	PC9. connect the electronic sub assembly to the already assembled sub system		6	2	4	
	PC10. place the front screen on the frame and attach the same to the sub assembly		7	3	4	
	PC11. ensure that the finished assembly meets the required specification		6	2	4	
	PC12. select right tools for securing fastenings, assembling sub units, connectors and allied devices		6	2	4	
	Reporting to superior		PC13. highlight any errors in previous step of the assembly process	6	2	4
PC14. report defective or inadequate number of components			6	2	4	
PC15. report in time about inadequate quantity of consumables such as screws, nuts, etc.			6	2	4	
Achieving productivity, quality and safety standards	PC16. achieve 100% work planned for the day as per schedule		2	1	1	
	PC17. meet the target number of products to be manufactured per day		2	1	1	
	PC18. achieve zero errors in assembly as per company policy		2	1	1	
	PC19. use grounded wrist straps and other electrostatic precautions as applicable		2	1	1	
	PC20. keep work area clean and organised identify and report any problems in the assembly line in time		2	1	1	
	PC21. record any defects/inadequacies noted during the assembly process		2	1	1	
	PC22. complete work without hazards		2	1	1	
	PC23. follow clean work protocols		2	1	1	
TOTAL			100	40	60	
ELE/N0002 Coordinate with colleagues						
Interacting with	PC1. understand work requirements, targets and incentives	5	2	3		
	PC2. receive work order/job instruction from the supervisor on time	6	3	3		
	PC3. understand new operating procedures	6	3	3		
	PC4. report problems encountered in the assembly process	6	2	4		
	PC5. resolve personnel issues	6	2	4		

supervisor	PC6. receive feedback on work standards and operating procedure	100	6	2	4
	PC7. communicate any potential hazards at work location		6	2	4
	PC8. meet given targets and deliver work of expected quality despite constraints		6	2	4
	PC9. highlight any errors in previous step of the assembly process		6	2	4
	PC10. report in time about shortage of consumables		5	2	3
Interacting with colleagues	PC11. receive consumables/tools from tool room or stores		7	3	4
	PC12. report defective or inadequate number of components		7	3	4
	PC13. deposit faulty modules and tools to stores		7	3	4
	PC14. communicate to colleagues errors identified in any step of the assembly process		7	3	4
	PC15. assist colleagues in any problems identified in their work process		7	3	4
	PC16. resolve conflicts and achieve smooth workflow	7	3	4	
TOTAL		100	40	60	
ELE/N0003 Maintain safe work environment					
Following safety measures and standards	PC1. comply with general safety procedures followed in the company	100	7	3	4
	PC2. follow standard safety procedures while handling an equipment, hazardous material or tool		8	4	4
	PC3. use of safety materials such as goggles, gloves, ear plugs, caps, ESD pins, covers, shoes, etc.		7	3	4
	PC4. escalate about any hazardous materials or things found in the premises		7	3	4
	PC5. report about any breach of safety procedure in the company		7	3	4
	PC6. ensure zero accidents at work		7	3	4
	PC7. avoid damage of components due to negligence in ESD procedures		7	3	4
	PC8. regularly participate in fire drills or other safety related workshops organised by the company		7	3	4
	PC9. ensure no loss for company due to safety negligence		7	3	4
Maintaining good health and posture	PC10. maintain appropriate posture, especially in long hours of sitting or standing position and in handling heavy materials	12	4	8	
	PC11. Participate in company organised health sessions such as yoga, physiotherapy or games	12	4	8	
	PC12. handle heavy and hazardous materials with care and using appropriate tools and handling equipment such as trolleys, jacks and ladders	12	4	8	
TOTAL		100	40	60	