



JOB PROFILE CHART FOR :

- 1 JURUTEKNIK RENDAH ELEKTRONIK INDUSTRI - PERALATAN - TAHAP 1**
- 2 JURUTEKNIK ELEKTRONIK INDUSTRI - PERALATAN - TAHAP 2**
- 3 JURUTEKNIK KANAN ELEKTRONIK INDUSTRI - PERALATAN - TAHAP 3**

DUTY		TASK												
PREPARE ENGINEERING DRAWING	Produce block diagram	Produce schematic drawing		Produce electronic schematic drawing		Produce mechanical drawing		Produce hydraulic drawing						
	01	01.01	L1	01.02	L1	01.03	L1	01.04	L1	01.05	L2			
PERFORM OPERATION OF TEST MANUAL	Operate analogue / digital multimeter	Operate signal / function generator		Operate oscilloscope		Operate tacho generator								
	02	02.01	L1	02.02	L2	02.03	L1	02.04	L1					
PREPARE ONLINE SYSTEM CHECKING	Confirm match of power supply to power rating of system	Check input / output signal of a PLC unit / Electrical System		Check program using sequence of ladder diagram		Check hydraulic performance		Check pneumatic performance						
	03	03.01	L1	03.02	L1	03.03	L1	03.04	L2	03.05	L2			
LOCATE FAULT IN ELECTRONIC SYSTEM	Visual check on defect component	Check faulty hardware		Replace faulty card / board		Replace faulty component								
	04	04.01	L1	04.02	L1	04.03	L2	04.04	L2					
PERFORM ELECTRICAL / ELECTRONIC EQUIPMENT MAINTENANCE	Maintain electronic measuring instrument	Maintain cable / terminal of electronic electrical system		Maintain visual display unit (VDU)		Maintain hydraulic / pneumatic system		Maintain DC motor		Maintain AC motor		Maintain stepper motor		
	05	05.01	L2	05.01	L2	05.03	L2	05.04	L2	05.05	L2	05.06	L2	05.07
		Troubleshoot fault on electronic system												
		05.08	L3											

PERFORM FUNCTIONAL TEST ON AUTOMATION SYSTEM	Check function of servo system	Check function of pneumatic system	Check function of actuator	Check function of sensor	Check function of hydraulic system	Download of PC and PLC system						
06	06.01	L2	06.02	L2	06.03	L2	06.04	L2	06.05	L2	06.06	L3

PERFORM FUNCTIONALITY TEST ELECTRONIC PRODUCTS	Test on Passive Components, LED	Test of Active Components	Product testing on Radio	Product testing on TV set	Test on TTL and CMOS	Test on MSI and LSI						
07	07.01	L1	07.02	L1	07.03	L2	07.04	L2	07.05	L3	07.06	L3

PERFORM SUPERVISORY FUNCTION	Supervise daily maintenance activities	Develop standard operation procedures (SOP)	Coordinate shift schedule	Prepare production report	Perform equipment preventive maintenance	Conduct in-house training	Write maintenance report							
08	08.01	L3	08.01	L3	08.03	L3	08.04	L3	08.05	L3	08.06	L3	08.07	L3

