

IPC-7711B/7721B Certified IPC Trainer (CIT) Certification Aug08

Session 6: Wire Splicing

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7721 Procedure	Student Initials	Instructor Initials	Instructor Comments
1	Form Wrap Splice		8.1.2			
2	Form Hook Splice		8.1.3			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7721 Procedure	Student Initials	Instructor Initials	Instructor Comments
3	Form Wrap Splice					
4	Form Hook Splice					

Note: Skills Evaluation is based on the Acceptability Criteria of IPC-A-620, Class 3.

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Session 9: Through-Hole Component Removal

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
5	Axial Leaded Component Removal		3.1.1			
6	Axial Leaded Component Removal		3.1.2			
7	Axial Leaded Component Removal		3.1.3			
8	Radial Leaded Component Removal		3.1.1			
9	Radial Leaded Component Removal		3.1.2			
10	Radial Leaded Component Removal		3.1.3			
11	Dual In-Line Component Removal		3.1.1			
12	Dual In-Line Component Removal		3.1.1			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
13	Axial Leaded Component Removal					
14	Axial Leaded Component Removal					
15	Axial Leaded Component Removal					
16	Radial Leaded Component Removal					
17	Radial Leaded Component Removal					
18	Radial Leaded Component Removal					
19	Dual In-Line Component Removal					
20	Dual In-Line Component Removal					

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Session 9: Through-Hole Component Installation

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
21	Axial Leaded Component Installation					
22	Axial Leaded Component Installation					
23	Axial Leaded Component Installation					
24	Radial Leaded Component Installation					
25	Radial Leaded Component Installation					
26	Radial Leaded Component Installation					
27	Dual In-Line Component Installation					
28	Dual In-Line Component Installation					

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
29	Axial Leaded Component Installation					
30	Axial Leaded Component Installation					
31	Axial Leaded Component Installation					
32	Radial Leaded Component Installation					
33	Radial Leaded Component Installation					
34	Radial Leaded Component Installation					
35	Dual In-Line Component Installation					
36	Dual In-Line Component Installation					

Note: Skills Evaluation is based on the Acceptability Criteria of IPC-A-610, Class 3.

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Session 12: Chip & MELF Component Removal

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
37	1206 Chip Resistor Removal		3.3.1			
38	1206 Chip Resistor Removal		3.3.2			
39	1206 Chip Resistor Removal		3.3.3			
40	1206 MELF Removal		3.3.1			
41	1206 MELF Removal		3.3.2			
42	1206 MELF Removal		3.3.3			
43	0603 Chip Capacitor Removal		3.3.1			
44	0603 Chip Capacitor Removal		3.3.2			
45	0603 Chip Capacitor Removal		3.3.3			

46	Pad/Land Preparation		4.1.1			
47	Pad/Land Preparation		4.1.3			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
48	1206 Chip Resistor Removal					
49	1206 Chip Resistor Removal					
50	1206 Chip Resistor Removal					
51	1206 MELF Removal					
52	1206 MELF Removal					
53	1206 MELF Removal					
54	0603 Chip Capacitor Removal					
55	0603 Chip Capacitor Removal					
56	0603 Chip Capacitor Removal					

57	Pad/Land Preparation					
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Session 12: Chip & MELF Component Installation

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
58	1206 Chip Resistor Installation		5.3.1			
59	1206 Chip Resistor Installation		5.3.2			
60	1206 Chip Resistor Installation		Student Choice			
61	1206 MELF Installation		5.3.1			
62	1206 MELF Installation		5.3.2			
63	1206 MELF Installation		Student Choice			
64	0603 Capacitor Installation		5.3.1			
65	0603 Capacitor Installation		5.3.2			
66	0603 Capacitor Installation		Student Choice			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
67	1206 Chip Resistor Installation					
68	1206 Chip Resistor Installation					
69	1206 Chip Resistor Installation					
70	1206 MELF Installation					
71	1206 MELF Installation					
72	1206 MELF Installation					
73	0603 Capacitor Installation					
74	0603 Capacitor Installation					
75	0603 Capacitor Installation					

Note: Skills Evaluation is based on the Acceptability Criteria of IPC-A-610, Class 3.

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Session 15: SOIC/SOT Component Removal

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
76	SOT Removal		3.5.1			
77	SOT Removal		3.5.2			
78	SOT Removal		3.5.3			
79	SOIC Removal		3.6.2			
80	SOIC Removal		3.6.6			
81	SOIC Removal		Student Choice			
82	Pad/Land Preparation		4.1.1 or 4.1.3 (SOT)			
83	Pad/Land Preparation		4.1.2 or 4.1.3 (SOIC)			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
84	SOT Removal					
85	SOT Removal					
86	SOT Removal					
87	SOIC Removal					
88	SOIC Removal					
89	SOIC Removal					
90	Pad/Land Preparation					

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Session 15: SOIC/SOT Component Installation

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
91	SOT Installation		5.5.3			
92	SOT Installation		5.5.4			
93	SOT Installation		Student Choice			
94	SOIC Installation		5.5.1			
95	SOIC Installation		5.5.3			
96	SOIC Installation		5.5.4			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
97	SOT Installation					
98	SOT Installation					
99	SOT Installation					
100	SOIC Installation					
101	SOIC Installation					
102	SOIC Installation					

Note: Skills Evaluation is based on the Acceptability Criteria of IPC-A-610, Class 3.

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Session 17: QFP Component Removal and Installation

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
103	Remove 44 Pin QFP		3.7.1.1 or 3.7.7			
104	Remove 100 Pin QFP		3.7.1 or 3.7.7			

105	Pad/Land Preparation		4.1.1 or 4.1.2 or 4.1.3			
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Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
106	Remove 44 Pin QFP					
107	Remove 100 Pin QFP					

108	Pad/Land Preparation					
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Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
109	Install 44 Pin QFP		5.5.3			
110	Install 100 Pin QFP		5.5.1			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
111	Install 44 Pin QFP					
112	Install 100 Pin QFP					

Note: Skills Evaluation is based on the Acceptability Criteria of IPC-A-610, Class 3.

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Session 20: PLCC (J-Lead) Component Removal and Installation

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
113	Remove 28 Pin J-Lead		3.8.2 or 3.8.1.1 or 3.8.5			
114	Remove 28 Pin J-Lead		3.8.3 or 3.8.1.1 or 3.8.5			
115	Remove 28 Pin J-Lead		Student Choice			
116	Prepare Pads/Lands		4.1.1 or 4.1.2 or 4.1.3			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
117	Remove 28 Pin J-Lead					
118	Remove 28 Pin J-Lead					
119	Remove 28 Pin J-Lead					
120	Prepare Pads/Lands					

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
121	Install 28 Pin J-Lead		5.6.1			
122	Install 28 Pin J-Lead		5.6.2			
123	Install 28 Pin J-Lead		5.6.3			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
124	Install 28 Pin J-Lead					
125	Install 28 Pin J-Lead					
126	Install 28 Pin J-Lead					

Note: Skills Evaluation is based on the Acceptability Criteria of IPC-A-610, Class 3.

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Session 23: Laminate Repair

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7721 Procedure	Student Initials	Instructor Initials	Instructor Comments
127	Repair Burned Laminate by Excavation and Epoxy Fill and Resurface		3.5.1			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7721 Procedure	Student Initials	Instructor Initials	Instructor Comments
128	Repair Burned Laminate by Excavation and Epoxy Fill and Resurface					

Note: Skills Evaluation is based on Inspection Guidance items in the IPC-7711B/7721B Procedures

Session 26: PCB Circuit Repair

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7721 Procedure	Student Initials	Instructor Initials	Instructor Comments
129	Jumper Wire Installation		6.1			
130	PTH Repair No Inner Layer Connection		5.1			
131	Surface Mount Land (Pad) Repair, Epoxy Seal Method		4.7.1			
132	Conductor Repair, Foil Jumper, Film Adhesive Method		4.2.2			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7721 Procedure	Student Initials	Instructor Initials	Instructor Comments
133	Jumper Wire Installation					
134	PTH Repair No Inner Layer Connection					
135	Surface Mount Land (Pad) Repair, Epoxy Seal Method					
136	Conductor Repair, Foil Jumper, Film Adhesive Method					

Note: Skills Evaluation is based on Inspection Guidance items in the IPC-7711B/7721B Procedures

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Session 29: Conformal Coating Removal

Skill Building Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
137	Remove Conformal Coating from Both Ends of a 1206 Chip Component		2.3.4			
138	Remove Conformal Coating from 1 row of leads on a 14 Pin DIP (primary side of PCB)		2.3.5			

Workmanship Critique

Task No.	Task Description	Comp. ID	IPC-7711 Procedure	Student Initials	Instructor Initials	Instructor Comments
139	Remove Conformal Coating from Both Ends of a 1206 Chip Component					
140	Remove Conformal Coating from 1 row of leads on a 14 Pin DIP (primary side of PCB)					

Note: Skills Evaluation is based on Inspection Guidance items in the IPC-7711B/7721B Procedures

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