

Practical Applications

#	Application	Pass	Comments	Date
1	Splicing Conductors	↑Yes ↑No		
2	Installing a Duplex Receptacle	↑Yes ↑No		
3	Installing a Single Pole Switch	↑Yes ↑No		
4	Installing a Switched Duplex Receptacle	↑Yes ↑No		
5	Proper Device Installation Techniques, GFCI Rough-In	↑Yes ↑No		
6	Using Anchors to Install a Metal Enclosure	↑Yes ↑No		
7	Installing a Retrofit "Old Work" Electrical Box	↑Yes ↑No		
8	Using a hacksaw	↑Yes ↑No		
9	Lifting and Carrying Conduit	↑Yes ↑No		
10	Erecting an Extension Ladder	↑Yes ↑No		
11	Hand bending a 90 Degree Stub-Up	↑Yes ↑No		
12	Hand bending a Box Offset	↑Yes ↑No		
13	Cutting a Hole in a Metal Enclosure for an EMT connector	↑Yes ↑No		
14	Installing a Raceway Support System (Trapeze)	↑Yes ↑No		
15	Threading Conduit (Tapered Thread)	↑Yes ↑No		
16	Installing Flexible Metallic Conduit	↑Yes ↑No		
17	Installing Armor Clad and Metal Clad Cables	↑Yes ↑No		
18	Installing a Luminaire (Recessed "Can" Fixture)	↑Yes ↑No		
19	Installing a Luminaire (2' X 4' Fluorescent)	↑Yes ↑No		
20	Wire Pulling Techniques	↑Yes ↑No		
21	Terminating a Category 5e or 6/6A Work area Outlet	↑Yes ↑No		
22	Labeling and Marking	↑Yes ↑No		
23	"Trimming Out" an Electrical Panel	↑Yes ↑No		
24	Exothermic Welding of Copper Conductors	↑Yes ↑No		
25	Connecting a Dual-Voltage, Wye-Wound Motor			
25a	Motor Starter Power Circuit	↑Yes ↑No		
25b	Motor Leads Connection (high voltage)	↑Yes ↑No		
25c	Motor Circuit Conduit	↑Yes ↑No		
25d	Motor Control Circuit Voltage Source	↑Yes ↑No		
25e	Motor Control Circuit Start-Stop	↑Yes ↑No		
26	Wire 3-way, 4-way switches	↑Yes ↑No		

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27	Wire a dry type Transformer			
27a	XFMR Primary/Secondary Conduit Size	†Yes	†No	
27b	XFMR Primary/Secondary Wire Size	†Yes	†No	
27c	XFMR Conduit Plastic Bushings	†Yes	†No	
27d	XFMR Grounding MBJ	†Yes	†No	
27e	XFMR Grounding Electrode and Conductor	†Yes	†No	
27f	XFMR Equipment Grounding	†Yes	†No	
27g	XFMR Terminations, H and X terminals	†Yes	†No	
28	Install EMT Complete System			
28a	Junction boxes (support)	†Yes	†No	
28b	Plaster Rings	†Yes	†No	
28c	Conduit Strapping	†Yes	†No	
28d	Conduit Routing	†Yes	†No	
28e	BX Installation	†Yes	†No	
28f	Device Box Sheetrock Clamps	†Yes	†No	
28g	Conduit Installation (bends made properly)	†Yes	†No	
28h	Conduit Overall	†Yes	†No	
29	Panel Termination			
29a	Panel HV1 and LV1 Circuit Numbers	†Yes	†No	
29b	OCP Amp Settings/Sizes	†Yes	†No	
29c	Branch Circuits to Proper Panels	†Yes	†No	
29d	Branch Circuit Wiring (hots per neutral, etc?)	†Yes	†No	
29e	Wire Color Codes	†Yes	†No	
29f	Branch Circuit Wire Sizes	†Yes	†No	
	Overall Appearance of Job (Craftsmanship)	†Yes	†No	