

Name _____ Chapter _____ Contestant Number _____

Electricity CDE Interscholastic

		Tool ID											
1		18		14	20 Amp 200 V Receptacle	46	Conduit Bender	78	Ground Screw	110	Open End Adjustable Wrench	142	Spade Bit
2		19		15	30 Amp 240 V Receptacle	47	Conduit Connector	79	Ground Wire	111	Open End Wrench	143	Speed Screwdriver
3		20		16	240 V Circuit Breaker	48	Continuity Tester	80	Ground Wire Nut	112	Phillips Screw Driver	144	Speed Square
4		21		17	Adjust A Box	49	Cord Switch	81	Hacksaw	113	Piloted Switch	145	Split Bolt Connector
5		22		18	Allen Wrench	50	Crimp Sleeve	82	Handy Box	114	Pipe Die	146	Step Drill
6		23		19	Alligator Clip	51	Cross Cut Hand Saw	83	Hickey Bender	115	Pipe Die Stock	147	Stranded Wire
7		24		20	Armored Cable Cutter	52	Current/ Circuit Tester	84	Insulated Crimp Sleeve	116	Plastic Face Plate	148	Tamper Proof Type S Fuse
8		25		21	Analog Voltage Tester	53	Diagonal Cutting Pliers	85	Key Stock	117	Power Wire Puller	149	Terminal Lug
9		26		22	AWG #2	54	Double Breaker 15 Amp/ 20 Amp	86	Knockout Cutter	118	PVC Cutting Pliers	150	Test Light
10		27		23	Blade Fuse	55	Double Ear Conduit Strap	87	Lag Bolt	119	PVC Heating Blanket	151	Tap Wrench
11		28		24	Bolt Cutters	56	Double Pole Double Throw Switch	88	Lamp Base	120	PVC Heating Box	152	THHN Wire (Single Conductor)
12		29		25	Bolt Die	57	Duplex Receptacle 15 Amp 125 V	89	Level	121	Raceway	153	Time Delay Cartridge Fuse
13		30		26	Bolt Die Stock	58	Easy Start Tap	90	Liquid Tight PVC Elbow	122	Ratcheting Cable Cutters	154	Tin Snips
14		31		27	Bottom Tap	59	Edison Base Fuse	91	Linesman Pliers	123	Reciprocating Electric Saw	155	Torque Screwdriver
15		32		28	Box End Wrench	60	End Cutting Pliers	92	Liquid Tight Fitting	124	Receptacle Tester	156	Triple Tapping Tool
16		33		29	Box Reducer	61	Fish Tape	93	Lock Nut	125	Reducing Washer	157	Twist Lock Plug
17				30	Bullet Connector	62	Flaring Tool	94	Low Profile Handy Box	126	Remodel Light Box	158	Twist Lock Receptacle
				31	Cable Bender	63	Flexible Metal Conduit	95	Male Spade Terminal	127	Ridged Metal Conduit	159	Underground Conduit 45
				32	Cable Clamp	64	Flexible PVC Conduit	96	Masonry Conduit Strap	128	Rigid PVC Conduit	160	Underground Conduit Sweep
1	3 Gang Box			33	Cable Cutters	65	Flexible Underground Conduit	97	Metal Face Plate	129	Right Angle Electric Drill	161	Utility Knife
2	3 Pole Breaker			34	Cable Ripper	66	Floor Box	98	Micrometer	130	Ring Terminal	162	Voltage Sensor
3	3 Way Switch			35	Cartridge Fuse	67	Fork Terminal	99	Motion Activated Switch	131	Rip Hand Saw	163	Weatherproof Handy Box
4	4 Way Switch			36	Center Punch	68	Fuse Clamp	100	Mud Ring	132	Round Blank Cover	164	Weather Head
5	10-2 NMWG			37	Chaffing Nut	69	Fuse Strip	101	Multi-tester	133	Saw Set	165	Weather Proof Cover Plate
6	10-3 NMWG			38	Channel Lock Pliers	70	GFCI Face Plate	102	Nail in Ceiling Box	134	Screw Holding Screwdriver	166	Weatherproof Wire Nuts
7	12-2 NMWG			39	Chuck Key	71	GFCI Receptacle	103	Nail In Handy Box	135	Simplex Receptacle 15 Amp 120 V	167	Wire Bushing for Metal Studs
8	12-3 NMWG			40	Clamp On Amp Meter	72	GFCI Receptacle Adapter	104	Needle Nose Pliers	136	Single Pole Double Throw Switch	168	Wire Caddy
9	14-2 NMWG			41	Cold Chisel	73	GFCI Receptacle Tester	105	Non-Contact Proximity Tester	137	Single Ear Conduit Strap	169	Wire Gauge
10	14-3 NMWG			42	Combination Switch Single Pole/3 Way	74	Ground Clamp	106	Nut Driver	138	Single Pole Switch	170	Wire Nut
11	15 Amp 125 Volt W/O Ground			43	Combination Square	75	Grounding Adapter	107	Octagon Box	139	Slip-joint Pliers	171	Wire Pulling Grip
12	20 Amp 120 V Circuit Breaker			44	Common Screwdriver	76	Grounding Bar	108	Offset Screwdriver	140	Soldering Iron	172	Wire Stripping Pliers
13	20 Amp 120 V Receptacle			45	Compression Connector	77	Ground Rod Clamp	109	One Hole Strap	141	Soldering Wire	173	Wood Chisel

2022 Oklahoma FFA Electricity Practicum Rubric

	Points Possible	Points Earned
Hot circuit connected correctly	15	
Neutral circuit connected correctly	15	
Ground circuit connected correctly	15	
Correct boxes and pathway used	5	
Wires wrapped correctly around screw	15	
Insulation around the wire and Romex stripped correctly	15	
Neatness	10	
Safety	10	