

Electrician Common Core Harmonized (2020) Level 2

STANDARDIZED LEVEL EXAM (SLE) BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Electrician Common Core Harmonized (2020) Level 2 SLE*.

Number of questions on each exam: 76

Level 2 GAC/Competency	#
A. APPLY CIRCUIT CONCEPTS	29
A1. Use electrical circuit concepts	8
A4. Analyze single-phase AC circuits	14
A6. Analyze electronic circuits	7
D. ORGANIZE WORK	4
D1. Interpret plans, drawings and specifications	4
H. INSTALL AND MAINTAIN CONSUMER/SUPPLY SERVICES AND METERING EQUIPMENT	4
H1. Install single-phase consumer/supply services and metering equipment	4
I. INSTALL AND MAINTAIN PROTECTION DEVICES	3
I1. Install overcurrent protection devices	2
I2. Install ground fault, arc fault and surge protection devices	1
L. INSTALL AND MAINTAIN BONDING, GROUNDING AND GROUND FAULT DETECTION SYSTEMS	3
L1. Install grounding and bonding systems	3
N. INSTALL AND MAINTAIN RENEWABLE ENERGY GENERATING AND STORAGE SYSTEMS	1
N1. Install renewable energy generating and storage systems	1

Level 2 GAC/Competency	#
P. INSTALL AND MAINTAIN TRANSFORMERS	9
P1. Install extra-low and low-voltage single-phase transformers	9
Q. INSTALL AND MAINTAIN RACEWAYS, CABLES AND ENCLOSURES	4
Q1. Install conductors and cables	3
Q2. Install raceways, boxes and fittings	1
Q3. Maintain conductors, cables, raceways, boxes and fittings	0
R. INSTALL AND MAINTAIN BRANCH CIRCUITRY	5
R1. Install luminaires	1
R2. Install wiring devices	2
R3. Install lighting controls	2
R5. Maintain luminaires, wiring devices, lighting controls, lighting standards, and branch circuitry	0
S. INSTALL AND MAINTAIN HEATING, VENTILATING AND AIR-CONDITIONING (HVAC) SYSTEMS	5
S1. Install HVAC systems and controls	4
S2. Maintain HVAC systems and controls	1
T. INSTALL AND MAINTAIN EXIT AND EMERGENCY LIGHTING SYSTEMS	1
T1. Install exit and emergency lighting systems	1
T2. Maintain exit and emergency lighting systems	0
U. INSTALL AND MAINTAIN CATHODIC PROTECTION SYSTEMS	1
U1. Install cathodic protection systems	1
U2. Maintain cathodic protection systems	0
V. INSTALL AND MAINTAIN MOTOR STARTERS AND CONTROLS	7
V1. Install motor starters and controls	6
V2. Maintain motor starters and controls	1
Total:	76