



Mike Holt's State Rating of the Electrical Industry

POINT ASSIGNMENT

1 point for mandatory apprenticeship program
1 point for each mandatory licensing type
1 point for CE or PDH requirements for renewal
-0.5 points *Partial Adoption
(for example government only or commercial only)
-1 point 2011, 2008 NEC
-2 points local city/county/municipality

3 points 2023 NEC
2 points 2020 NEC
1 point 2017 NEC
0 points 2014 NEC

YES = State-wide mandate
NO = adopted at local levels
A = State name
B = Mandatory Apprenticeship program

LEGEND

C, E, G, I = required to be state-licensed
D, F, H, J = CEU/PDH required for license renewal
K = NEC edition adopted state-wide
L = explains partial adoption

M = points for this year
N = current grade based on points
O = change in points from last report
P = what updated since last report

THE SCALE is F to A+ based on the following point totals

F	F	F	D	D+	D+	C-	C-	C	C	C+	C+	B-	B-	B	B	B+	B+	A-	A-	A	A	A+
0.0	1.0	1.5	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0

	2024 DETAILS											HISTORICAL RANKING																			
A	B	C	D	E	F	G	H	I	J	K	L	M															N	O	P		
STATE	APPRENTICE	JOURNEYMAN		MASTER/CONTR.		PROF. ENGINEER		INSPECTOR		NEC adopted *State-wide	*Partial Adoption -0.5 points	2024 points	2007	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 RATING	2024 CHANGE	WHAT UPDATED SINCE LAST REPORT
	LICENSE	LICENSE	CEU	LICENSE	CEU	LICENSE	PDH	STATE CERT.	CEU																						
ALABAMA	NO	YES	NO	YES	YES	YES	YES	YES	YES	2020	State buildings, schoolhouses, hotels, motion picture studios	8.5	D	B-	C-	C-	B-	B-	C+	B-	C+	C+	B	B	B-	B-	B-	B	B	0	
ALASKA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020	Public structures and any place of employment.	10.5	B	B+	A-	A-	A+	A+	A	A	A	A	A+	A	A	A	A-	A-	0		
ARIZONA	NO	NO	NO	YES	NO	YES	NO	NO	NO	Local		0.0	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	0		
ARKANSAS	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		11.0	A-	A-	A-	A-	A+	A+	A+	A+	A+	A	A+	A+	A	A	A	A	A	0	
CALIFORNIA	YES	YES	YES	YES	YES	YES	NO	YES	YES	2020		10.0	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	0	
COLORADO	YES	YES	YES	YES	YES	YES	NO	YES	YES	2023		11.0	B-	B	B	B+	A-	A-	A+	A+	A+	A	A+	A+	A-	A	A	A	A	0	
CONNECTICUT	YES	YES	YES	YES	YES	YES	NO	YES	YES	2020		10.0	A-	A-	A-	B+	B+	B+	A-	A-	A-	A-	A-	A	A-	A-	A-	A-	A-	0	
DELAWARE	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		11.0	A-	B+	A-	A-	A	A	A-	A-	A-	A	A	A	A-	A-	A+	A	A	0	
FLORIDA	NO	NO	NO	YES	YES	YES	YES	YES	YES	2020		8.0	B+	B	B+	B	B	B	B-	B	B	B-	B	B	B-	B	B	B	B	0	
GEORGIA	NO	NO	NO	YES	YES	YES	YES	NO	NO	2020		6.0	B	B	B-	C+	B-	B-	B-	B-	B-	C+	B-	B-	C+	B-	B-	C+	C+	0	
HAWAII	NO	YES	YES	YES	YES	YES	NO	NO	NO	2020	State Building, local counties	6.5	B-	C+	C	C	B-	B-	C+	C+	C	C-	C+	B-	C+	C+	C+	C+	C+	0	
IDAHO	YES	YES	YES	YES	YES	YES	YES	YES	NO	2023		11.0	B+	B+	A-	A-	A-	A-	A	A	A	A-	A	A	A-	A-	A-	B+	A	+2	2023 NEC from 2017 on 7/1/24
ILLINOIS	NO	NO	NO	NO	NO	YES	YES	YES	NO	Local		1.0	D	D	D	D+	D+	D+	D	D	D	F	F	F	F	F	F	F	F	0	
INDIANA	NO	NO	NO	NO	NO	YES	YES	NO	NO	2008		1.0	C-	D+	C-	C-	C-	C-	D+	D+	D+	D	D	D	F	F	F	F	F	0	
IOWA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		11.0	D	B+	A	A	A+	A+	A	A+	A+	A	A+	A+	A	A+	A+	A	A	0	
KANSAS	NO	NO	NO	NO	NO	YES	YES	NO	NO	Local		0.0	C-	D+	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	0	
KENTUCKY	NO	YES	YES	YES	YES	YES	YES	YES	YES	2017		9.0	A-	A-	A	A-	A	A	A	A	A	A-	A-	A	A-	A-	A-	B+	B+	0	
LOUISIANA	NO	NO	NO	YES	YES	YES	YES	NO	NO	2020		6.0	C	C+	B-	C+	B-	B-	C+	C+	C+	C	C+	C+	C	C	C	C+	C+	0	
MAINE	YES	YES	YES	YES	YES	YES	YES	YES	YES	2023		12.0	A	A	A	A	A+	A+	A+	A+	A+	A	A+	A+	A	A	A+	A	A+	+1	2023 NEC on 7/1/24
MARYLAND	NO	NO	NO	YES	YES	YES	YES	YES	NO	2020	State buildings, schoolhouses, hotels, motion picture studios	6.5	D+	D	C-	C-	C-	C+	C	C	C+	C	C	C	C+	C+	C+	C+	C+	0	
MASSACHUSETTS	NO	YES	YES	YES	YES	YES	NO	YES	YES	2023		10.0	B+	B+	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	0	
MICHIGAN	YES	YES	YES	YES	YES	YES	YES	YES	YES	2023	electrical systems, equipment, or components not specifically covered in chapters 34 through 43	11.5	A-	A-	A	A-	A-	A-	A	A+	A+	A	A	A+	A	A	A	B+	A	+2	2023 NEC from 2017 on 3/12/24
MINNESOTA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2023		12.0	A+	B+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A+	A+	A+	0	
MISSISSIPPI	NO	NO	NO	YES	NO	YES	YES	NO	NO	Local		1.0	D+	D+	D+	D+	D+	D+	D	D	D	F	F	F	F	F	F	F	F	0	
MISSOURI	NO	NO	NO	NO	NO	YES	YES	NO	NO	Local		0.0	D+	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	0	

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A	B	C	D	E	F	G	H	I	J	K	L	M															N	O	P					
STATE	APPRENTICE	JOURNEYMAN		MASTER/CONTR.		PROF. ENGINEER		INSPECTOR		NEC adopted *State-wide	*Partial Adoption -0.5 points	2024 points	2007	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 RATING	2024 CHANGE	WHAT UPDATED SINCE LAST REPORT			
	LICENSE	LICENSE	CEU	LICENSE	CEU	LICENSE	PDH	STATE CERT.	CEU																									
MONTANA	YES	YES	YES	YES	YES	YES	YES	YES	NO	2020		10.0	B	B	B	A-	A	A	A	A	A	A-	A-	A-	B+	A-	A-	A-	A-	0				
NEBRASKA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2017		10.0	B+	B	A-	A	A	A	A+	A+	A+	A	A+	A+	A	A	A	A-	A-	0				
NEVADA	NO	NO	NO	YES	NO	YES	YES	YES	NO	Local		2.0	D+	C-	C-	D+	D+	D+	D	D	D	F	F	F	F	D	D	D	D	0				
NEW HAMPSHIRE	YES	YES	YES	YES	YES	YES	YES	NO	NO	2020		9.0	A-	A-	A-	A-	A-	A-	A-	A-	B+	A-	A-	B+	B+	B+	B+	B+	B+	0				
NEW JERSEY	NO	YES	YES	YES	YES	YES	YES	YES	YES	2020		10.0	B+	B+	A-	A-	A	A	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	0				
NEW MEXICO	NO	YES	YES	YES	YES	YES	YES	YES	NO	2020		9.0	B+	B+	B+	B+	A-	A-	A-	A-	A-	B+	A-	A-	B+	B+	B+	B+	B+	0				
NEW YORK	NO	NO	NO	NO	NO	YES	YES	YES	YES	2017		5.0	D+	D+	D+	C-	C-	C-	D+	D+	D+	C-	C+	C+	C	C+	C+	C	C	0				
NORTH CAROLINA	NO	NO	NO	YES	YES	YES	YES	YES	YES	2020		8.0	A	A	A	B	B+	B+	B	B	B	B	B+	B+	B	B	B+	B	B	0				
NORTH DAKOTA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		11.0	A+	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	A+	A	A	A	0				
OHIO	NO	NO	NO	YES	YES	YES	YES	YES	YES	2023		9.0	A-	A-	B+	B	B+	B+	B	B+	B+	B-	B	B	B-	B-	B-	B-	B-	B+	+2	2023 NEC from 2017 on 3/1/24		
OKLAHOMA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020	Commercial Building only	10.5	A+	A	A+	A	A+	A+	A	A	A	A-	A-	A-	B+	B+	A-	A-	A-	0				
OREGON	YES	YES	YES	YES	YES	YES	YES	YES	YES	2023		12.0	A+	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	A+	A	A+	A+	+1	2023 NEC from 2020 on 10/1/23			
PENNSYLVANIA	NO	NO	NO	NO	NO	YES	YES	YES	YES	2017		5.0	C	C-	C	C	C+	C+	C	C	C	C-	C+	C+	C	C	C+	C	C	0				
RHODE ISLAND	NO	YES	YES	YES	YES	YES	NO	YES	YES	2020		9.0	A-	A-	A-	A-	A-	A-	A-	A-	B+	B+	B+	B+	B+	A-	B+	B+	0					
SOUTH CAROLINA	NO	NO	NO	YES	NO	YES	YES	YES	YES	2020		7.0	B-	B-	B	B-	B-	B-	B-	B-	B-	B-	B-	B-	B-	B-	B-	B-	B-	0				
SOUTH DAKOTA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		11.0	A	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	A+	A	A	A	0				
TENNESSEE	NO	YES	NO	YES	NO	YES	YES	YES	YES	2017		7.0	B	B	B	B-	B	B	B-	B-	C+	C	B	B	B-	B-	B-	B-	B-	0				
TEXAS	YES	YES	YES	YES	YES	YES	YES	NO	NO	2023		10.0	B+	B+	A-	A-	A-	A-	A-	A-	A-	B+	A-	A-	B+	A-	A-	A-	A-	0				
UTAH	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020	Commercial building only; one- and 2- fam. on 2014	10.5	A	A	A	A-	A+	A+	A	A	A	A	A	A-	A-	A	A-	A-	A-	0				
VERMONT	NO	YES	YES	YES	YES	YES	YES	YES	NO	2020		9.0	B-	B	B+	A-	A-	A-	A-	A-	B+	A-	A-	B+	B+	A-	B+	B+	0					
VIRGINIA	NO	YES	YES	YES	YES	YES	YES	YES	YES	2020		10.0	B+	A-	A-	A-	A-	A-	A-	A-	B+	B+	A-	B+	B+	A-	B+	A-	+1	2020 NEC from 2017 on 1/1/24				
WASHINGTON	YES	YES	YES	YES	YES	YES	NO	YES	YES	2023		11.0	A-	A	A	A-	A-	A-	A	A	A	A-	A	A	A-	A	A	A-	A	+1	2023 NEC from 2020 on 4/1/24			
WEST VIRGINIA	NO	YES	NO	YES	NO	YES	YES	YES	YES	2020		8.0	B	B	B+	B	B	B	B	B	B	B	B	B	B-	B	B+	B	B	0				
WISCONSIN	NO	YES	YES	YES	YES	YES	YES	YES	YES	2017	Commercial Building only; one- and two-fam. Planned for 2020	8.5	C+	B+	A-	C	A-	A-	A-	A-	B+	A-	A-	B+	B+	B+	B	B	0					
WYOMING	YES	YES	YES	YES	YES	YES	YES	YES	YES	2023		12.0	A	A	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	A+	A+	A+	A+	0				