

Construction Electrician 2015-2021 Comparative							
		Construction Electrician RSOS Structure 2015	moved to			Construction Electrician RSOS Structure 2021	came from
<b>MWA A</b>		<b>PERFORMS COMMON OCCUPATIONAL SKILLS</b>			<b>MWA A</b>	<b>PERFORMS COMMON OCCUPATIONAL SKILLS</b>	
<b>Task</b>		<b>Performs safety-related functions</b>			<b>Task</b>	<b>Performs safety-related functions</b>	
	A-1		A-1				A-1
subtask	A-1.01	Uses personal protective equipment (PPE) and safety equipment	A-1.01		subtask	Uses personal protective equipment (PPE) and safety equipment	A-1.01
subtask	A-1.02	Maintains safe work environment	A-1.02		subtask	Maintains safe work environment	A-1.02
subtask	A-1.03	Performs lock-out and tag-out procedures	A-1.03		subtask	Performs lock-out and tag-out procedures	A-1.03
<b>Task</b>	A-2	<b>Uses tools and equipment</b>	A-2		<b>Task</b>	<b>Uses tools and equipment</b>	A-2
subtask	A-2.01	Uses common and specialty tools and equipment	A-2.01		subtask	Uses common and specialty tools and equipment	A-2.01
subtask	A-2.02	Uses access equipment	A-2.02		subtask	Uses access equipment	A-2.02
subtask	A-2.03	Uses rigging, hoisting and lifting equipment	A-2.03		subtask	Uses rigging, hoisting and lifting equipment	A-2.03
<b>Task</b>	A-3	<b>Organizes work</b>	A-3		<b>Task</b>	<b>Organizes work</b>	A-3
subtask	A-3.01	Interprets plans, drawings and specifications	A-3.01		subtask	Interprets plans, drawings and specifications	A-3.01
subtask	A-3.02	Organizes materials and supplies	A-3.02		subtask	Organizes materials and supplies	A-3.02
subtask	A-3.03	Plans project tasks and procedures	A-3.03		subtask	Plans project tasks and procedures	A-3.03
subtask	A-3.04	Prepares worksite	A-3.04		subtask	Prepares worksite	A-3.04
subtask	A-3.05	Finalizes required documentation	A-3.05		subtask	Finalizes required documentation	A-3.05
<b>Task</b>	A-4	<b>Fabricates and installs support components</b>	A-4		<b>Task</b>	<b>Fabricates and installs support components</b>	A-4
subtask	A-4.01	Fabricates support structures	A-4.01		subtask	Fabricates support structures	A-4.01
subtask	A-4.02	Installs brackets, hangers and fasteners	A-4.02		subtask	Installs brackets, hangers and fasteners	A-4.02
subtask	A-4.03	Installs seismic restraint systems	A-4.03		subtask	Installs seismic restraint systems	A-4.03
<b>Task</b>	A-5	<b>Commissions and decommissions electrical systems</b>	A-5		<b>Task</b>	<b>Commissions and decommissions electrical systems</b>	A-5
subtask	A-5.01	Performs startup and shutdown procedures	A-5.01		subtask	Performs startup and shutdown procedures	A-5.01
subtask	A-5.02	Performs commissioning and decommissioning of systems	A-5.02		subtask	Performs commissioning and decommissioning of systems	A-5.02
<b>Task</b>	A-6	<b>Uses communication and mentoring techniques</b>	A-6		<b>Task</b>	<b>Uses communication and mentoring techniques</b>	A-6
subtask	A-6.01	Uses communication techniques	A-6.01		subtask	Uses communication techniques	A-6.01
subtask	A-6.02	Uses mentoring techniques	A-6.02		subtask	Uses mentoring techniques	A-6.02
<b>MWA B</b>	B	<b>INSTALLS, SERVICES AND MAINTAINS GENERATING, DISTRIBUTION AND SERVICE SYSTEMS</b>	B		<b>MWA B</b>	<b>INSTALLS, SERVICES AND MAINTAINS GENERATING, DISTRIBUTION AND SERVICE SYSTEMS</b>	B
<b>Task</b>	B-7	<b>Installs, services and maintains consumer/supply services and metering equipment</b>	B-7		<b>Task</b>	<b>Installs, services and maintains consumer/supply services and metering equipment</b>	B-7
subtask	B-7.01	Installs single-phase consumer/supply services and metering equipment	B-7.01		subtask	Installs single-phase consumer/supply services and metering equipment	B-7.01
subtask	B-7.02	Installs three-phase consumer/supply services and metering equipment	B-7.02		subtask	Installs three-phase consumer/supply services and metering equipment	B-7.02

subtask	B-7.03	Performs servicing and maintenance of single-phase services and metering equipment	B-7.03		subtask	B-7.03	Performs servicing and maintenance of single-phase <b>consumer/supply</b> services and metering equipment	B-7.03
subtask	B-7.04	Performs servicing and maintenance of three-phase services and metering equipment	B-7.04		subtask	B-7.04	Performs servicing and maintenance of three-phase <b>consumer/supply</b> services and metering equipment	B-7.04
<b>Task</b>	B-8	<b>Installs, services and maintains protection devices</b>	B-8		<b>Task</b>	B-8	<b>Installs, services and maintains protection devices</b>	B-8
subtask	B-8.01	Installs overcurrent protection devices	B-8.01		subtask	B-8.01	Installs overcurrent protection devices	B-8.01
subtask	B-8.02	Installs ground fault, arc fault and surge protection devices	B-8.02		subtask	B-8.02	Installs ground fault, arc fault and surge protection devices	B-8.02
subtask	B-8.03	Performs servicing and maintenance of protection devices	B-8.03		subtask	B-8.03	Performs servicing and maintenance of protection devices	B-8.03
<b>Task</b>	B-9	<b>Installs, services and maintains distribution equipment</b>	B-9		<b>Task</b>	B-9	<b>Installs, services and maintains <b>power</b> distribution equipment</b>	B-9
subtask	B-9.01	Installs power distribution equipment	B-9.01		subtask	B-9.01	Installs power distribution equipment	B-9.01
subtask	B-9.02	Performs servicing and maintenance of power distribution equipment	B-9.02		subtask	B-9.02	Performs servicing and maintenance of power distribution equipment	B-9.02
<b>Task</b>	B-10	<b>Installs, services and maintains power conditioning, uninterruptible power supply (UPS) and surge suppression systems</b>	B-10		<b>Task</b>	B-10	<b>Installs, services and maintains power conditioning, uninterruptible power supply (UPS) and surge suppression systems</b>	B-10
subtask	B-10.01	Installs power conditioning, UPS and surge suppression systems	B-10.01		subtask	B-10.01	Installs power conditioning, UPS and surge suppression systems	B-10.01
subtask	B-10.02	Performs servicing and maintenance of power conditioning, UPS and surge suppression systems	B-10.02		subtask	B-10.02	Performs servicing and maintenance of power conditioning, UPS and surge suppression systems	B-10.02
<b>Task</b>	B-11	<b>Installs, services and maintains bonding and grounding protection systems</b>	B-11		<b>Task</b>	B-11	<b>Installs, services and maintains bonding, grounding, and <b>ground-fault</b> protection and <b>detection</b> systems</b>	B-11
subtask	B-11.01	Installs grounding and bonding systems	B-11.01		subtask	B-11.01	Installs grounding and bonding systems	B-11.01
subtask	B-11.02	Installs ground fault systems	B-11.02		subtask	B-11.02	Installs ground-fault <b>protection and detection</b> systems	B-11.02
subtask	B-11.03	Installs lightning protection systems	B-11.03		subtask	B-11.03	Installs lightning protection systems	B-11.03

subtask	B-11.04	Performs servicing and maintenance of bonding and grounding systems	B-11.04		subtask	B-11.04	Performs servicing and maintenance of bonding and grounding systems	B-11.04
<b>Task</b>	B-12	<b>Installs, services and maintains power generation systems</b>	B-12		<b>Task</b>	B-12	<b>Installs, services and maintains power generation and conversion systems</b>	B-12
subtask	B-12.01	Installs alternating current (AC) generating systems	B-12.01		subtask	B-12.01	Installs alternating current (AC) generating systems	B-12.01
subtask	B-12.02	Performs servicing and maintenance of AC generating systems	B-12.02		subtask	B-12.02	Performs servicing and maintenance of AC generating systems	B-12.02
subtask	B-12.03	Installs direct current (DC) generating systems	B-12.03		subtask	B-12.03	Installs direct current (DC) generating and conversion systems	B-12.03
subtask	B-12.04	Performs servicing and maintenance of DC generating systems	B-12.04		subtask	B-12.04	Performs servicing and maintenance of DC generating and conversion systems	B-12.04
<b>Task</b>	B-13	<b>Installs, services and maintains renewable energy systems</b>	B-13		<b>Task</b>	B-13	<b>Installs, services and maintains renewable energy generating and storage systems</b>	B-13
subtask	B-13.01	Installs renewable energy systems	B-13.01		subtask	B-13.01	Installs renewable energy generating and storage systems	B-13.01
subtask	B-13.02	Performs servicing and maintenance of renewable energy systems	B-13.02		subtask	B-13.02	Performs servicing and maintenance of renewable energy generating and storage systems	B-13.02
<b>Task</b>	B-14	<b>Installs services and maintains high-voltage systems</b>	B-14		<b>Task</b>	B-14	<b>Installs services and maintains high-voltage systems</b>	B-14
subtask	B-14.01	Installs high-voltage equipment	B-14.01		subtask	B-14.01	Installs high-voltage equipment	B-14.01
subtask	B-14.02	Installs high-voltage cables	B-14.02		subtask	B-14.02	Installs high-voltage cables	B-14.02
subtask	B-14.03	Performs servicing and maintenance of high-voltage systems	B-14.03		subtask	B-14.03	Performs servicing and maintenance of high-voltage systems	B-14.03
<b>Task</b>	B-15	<b>Installs, services and maintains transformers</b>	B-15		<b>Task</b>	B-15	<b>Installs, services and maintains transformers</b>	B-15
subtask	B-15.01	Installs extra-low-voltage transformers	B-15.01		subtask	B-15.01	Installs extra-low-voltage transformers	B-15.01
subtask	B-15.02	Installs low-voltage single-phase transformers	B-15.02		subtask	B-15.02	Installs low-voltage single-phase transformers	B-15.02
subtask	B-15.03	Installs low-voltage three-phase transformers	B-15.03		subtask	B-15.03	Installs low-voltage three-phase transformers	B-15.03
subtask	B-15.04	Installs high-voltage transformers	B-15.04		subtask	B-15.04	Installs high-voltage transformers	B-15.04
subtask	B-15.05	Performs servicing and maintenance of transformers	B-15.05		subtask	B-15.05	Performs servicing and maintenance of transformers	B-15.05
<b>MWA C</b>	C-16	<b>INSTALLS, SERVICES AND MAINTAINS WIRING SYSTEMS</b>	C-16		<b>MWA C</b>	C	<b>INSTALLS, SERVICES AND MAINTAINS WIRING SYSTEMS</b>	C
<b>Task</b>	C-16.01	<b>Installs, services and maintains raceways, cables and enclosures</b>	C-16.01		<b>Task</b>	C-16	<b>Installs, services and maintains raceways, conductors, cables and enclosures</b>	C-16
subtask	C-16.02	Installs conductors and cables	C-16.02		subtask	C-16.01	Installs conductors and cables	C-16.01
subtask	C-16.03	Installs conduit, tubing and fittings	C-16.03		subtask	C-16.02	Installs conduit and fittings	C-16.02
subtask	C-16.04	Installs raceways	C-16.04		subtask	C-16.03	Installs raceways	C-16.03
subtask	C-16.05	Installs boxes and enclosures	C-16.05		subtask	C-16.04	Installs boxes and enclosures	C-16.04

subtask	C-16.06	Performs servicing and maintenance of raceways, cables and enclosures	C-16.06		subtask	C-16.05	Performs servicing and maintenance of raceways, <b>conductors</b> , cables and enclosures	C-16.05
<b>Task</b>	<b>C-17</b>	<b>Installs, services and maintains branch circuitry</b>	<b>C-17</b>		<b>Task</b>	<b>C-17</b>	<b>Installs, services and maintains branch circuitry and devices</b>	<b>C-17</b>
subtask	C-17.01	Installs luminaires	C-17.01		subtask	C-17.01	Installs luminaires	C-17.01
subtask	C-17.02	Installs wiring devices	C-17.02		subtask	C-17.02	Installs wiring devices	C-17.02
subtask	C-17.03	Installs lighting controls	C-17.03		subtask	C-17.03	Installs lighting controls	C-17.03
subtask	C-17.04	Installs lighting standards	C-17.04		subtask	C-17.04	Installs lighting standards	C-17.04
subtask	C-17.05	Performs servicing of branch circuitry	C-17.05		subtask	C-17.05	Performs servicing of branch circuitry	C-17.05
subtask	C-17.06	Installs, services and maintains airport runway lighting systems	C-17.06		subtask	C-17.06	Installs, services and maintains airport <b>visual aid</b> systems	C-17.06
subtask	C-17.07	Installs, services and maintains traffic signal lights and controls	C-17.07		subtask	C-17.07	Installs, services and maintains traffic signal lights and controls	C-17.07
<b>Task</b>	<b>C-18</b>	<b>Installs, services and maintains heating, ventilating and air-conditioning (HVAC) systems</b>	<b>C-18</b>		<b>Task</b>	<b>C-18</b>	<b>Installs, services and maintains heating, ventilating and air-conditioning (HVAC) systems</b>	<b>C-18</b>
subtask	C-18.01	Connects HVAC systems	C-18.01		subtask	C-18.01	Connects HVAC systems <b>and associated equipment</b>	C-18.01
subtask	C-18.02	Installs HVAC controls	C-18.02		subtask	C-18.02	Installs HVAC controls	C-18.02
subtask	C-18.03	Performs servicing and maintenance of HVAC system and controls	C-18.03		subtask	C-18.03	Performs servicing and maintenance of HVAC system and controls	C-18.03
<b>Task</b>	<b>C-19</b>	<b>Installs, services and maintains electric heating systems</b>	<b>C-19</b>		<b>Task</b>	<b>C-19</b>	<b>Installs, services and maintains electric heating systems</b>	<b>C-19</b>
subtask	C-19.01	Installs electric heating systems	C-19.01		subtask	C-19.01	Installs electric heating systems	C-19.01
subtask	C-19.02	Installs electric heating system controls	C-19.02		subtask	C-19.02	Installs electric heating system controls	C-19.02
subtask	C-19.03	Performs servicing and maintenance of electric heating systems and controls	C-19.03		subtask	C-19.03	Performs servicing and maintenance of electric heating systems and controls	C-19.03
<b>Task</b>	<b>C-20</b>	<b>Installs, services and maintains exit and emergency lighting systems</b>	<b>C-20</b>		<b>Task</b>	<b>C-20</b>	<b>Installs, services and maintains exit and emergency lighting systems</b>	<b>C-20</b>
subtask	C-20.01	Installs exit and emergency lighting	C-20.01		subtask	C-20.01	Installs exit and emergency lighting	C-20.01
subtask	C-20.02	Performs servicing and maintenance of exit and emergency lighting systems	C-20.02		subtask	C-20.02	Performs servicing and maintenance of exit and emergency lighting systems	C-20.02
<b>Task</b>	<b>C-21</b>	<b>Installs, services and maintains cathodic protection systems</b>	<b>C-21</b>		<b>Task</b>	<b>C-21</b>	<b>Installs, services and maintains cathodic protection systems</b>	<b>C-21</b>
subtask	C-21.01	Installs cathodic protection systems	C-21.01		subtask	C-21.01	Installs cathodic protection systems	C-21.01
subtask	C-21.02	Performs servicing and maintenance of cathodic protection systems	C-21.02		subtask	C-21.02	Performs servicing and maintenance of cathodic protection systems	C-21.02
<b>MWA D</b>	<b>D-22</b>	<b>INSTALLS, SERVICES AND MAINTAINS MOTORS AND CONTROL SYSTEMS</b>	<b>D-22</b>		<b>MWA D</b>	<b>D</b>	<b>INSTALLS, SERVICES AND MAINTAINS MOTORS AND CONTROL SYSTEMS</b>	<b>D</b>

<b>Task</b>	D-22.01	<b>Installs, services and maintains motor starters and controls</b>	D-22.01		<b>Task</b>	D-22	<b>Installs, services and maintains motor starters and controls</b>	D-22
subtask	D-22.02	Installs motor starters	D-22.02		subtask	D-22.01	Installs motor starters	D-22.01
subtask	D-22.03	Performs servicing and maintenance of motor starters	D-22.03		subtask	D-22.02	Performs servicing and maintenance of motor starters	D-22.02
subtask	D-22.04	Installs motor controls	D-22.04		subtask	D-22.03	Installs motor control devices	D-22.03
subtask	D-22.05	Performs servicing and maintenance of motor controls	D-22.05		subtask	D-22.04	Performs servicing and maintenance of motor controls	D-22.04
<b>Task</b>	D-23	<b>Installs, services and maintains drives</b>	D-23		<b>Task</b>	D-23	<b>Installs, services and maintains drives</b>	D-23
subtask	D-23.01	Installs AC drives	D-23.01		subtask	D-23.01	Installs AC drives	D-23.01
subtask	D-23.02	Performs servicing and maintenance of AC drives	D-23.02		subtask	D-23.02	Performs servicing and maintenance of AC drives	D-23.02
subtask	D-23.03	Installs DC drives	D-23.03		subtask	D-23.03	Installs DC drives	D-23.03
subtask	D-23.04	Performs servicing and maintenance of DC drives	D-23.04		subtask	D-23.04	Performs servicing and maintenance of DC drives	D-23.04
<b>Task</b>	D-24	<b>Installs, services and maintains motors</b>	D-24		<b>Task</b>	D-24	<b>Installs, services and maintains motors</b>	D-24
subtask	D-24.01	Installs single-phase motors	D-24.01		subtask	D-24.01	Installs single-phase motors	D-24.01
subtask	D-24.02	Performs servicing and maintenance of single-phase motors	D-24.02		subtask	D-24.02	Performs servicing and maintenance of single-phase motors	D-24.02
subtask	D-24.03	Installs three-phase motors	D-24.03		subtask	D-24.03	Installs three-phase motors	D-24.03
subtask	D-24.04	Performs servicing and maintenance of three-phase motors	D-24.04		subtask	D-24.04	Performs servicing and maintenance of three-phase motors	D-24.04
subtask	D-24.05	Installs DC motors	D-24.05		subtask	D-24.05	Installs DC motors	D-24.05
subtask	D-24.06	Performs servicing and maintenance of DC motors	D-24.06		subtask	D-24.06	Performs servicing and maintenance of DC motors	D-24.06
<b>Task</b>	D	<b>Installs, programs, services and maintains automated control systems</b>	D		<b>Task</b>	D-25	<b>Installs, programs, services and maintains automated control systems</b>	D
subtask	D-25	Installs automated control systems	D-25		subtask	D-25.01	Installs automated control systems	D-25
subtask	D-25.01	Performs servicing and maintenance of automated control systems	D-25.01		subtask	D-25.02	Performs servicing and maintenance of automated control systems	D-25.01
subtask	D-25.02	Programs and configures automated control systems	D-25.02		subtask	D-25.03	Programs and configures automated control systems	D-25.02
<b>MWA E</b>	E-26	<b>INSTALLS, SERVICES AND MAINTAINS SIGNALLING AND COMMUNICATION SYSTEMS</b>	E-26		<b>MWA E</b>	E-26	<b>INSTALLS, SERVICES AND MAINTAINS SIGNALLING AND COMMUNICATION SYSTEMS</b>	E-26
<b>Task</b>	E-26.01	<b>Installs, services and maintains signalling systems</b>	E-26.01		<b>Task</b>	E-26.01	<b>Installs, services and maintains signalling systems</b>	E-26.01
subtask	E-26.02	Installs fire alarm systems	E-26.02		subtask	E-26.02	Installs fire alarm systems	E-26.02
subtask	E-26.03	Performs servicing and maintenance of fire alarm systems	E-26.03		subtask	E-26.03	Performs servicing and maintenance of fire alarm systems	E-26.03
subtask	E-26.04	Installs security and surveillance systems	E-26.04		subtask	E-26.04	Installs security and surveillance systems	E-26.04
subtask	E-26.05	Performs servicing and maintenance of security and surveillance systems	E-26.05		subtask	E-26.05	Performs servicing and maintenance of security and surveillance systems	E-26.05
<b>Task</b>	E-27	<b>Installs, services and maintains communication systems</b>	E-27		<b>Task</b>	E-27	<b>Installs, services and maintains communication systems</b>	E-27
subtask	E-27.01	Installs voice/data/video (VDV) and community antenna television (CATV) systems	E-27.01		subtask	E-27.01	Installs voice/data/video (VDV) and community antenna television (CATV) systems	E-27.01
subtask	E-27.02	Installs public address (PA) and intercom systems	E-27.02		subtask	E-27.02	Installs public address (PA) and intercom systems	E-27.02
subtask	E-27.03	Installs nurse call systems	E-27.03		subtask	E-27.03	Installs nurse call systems	E-27.03

subtask	E-27.04	Performs servicing and maintenance of communication systems	E-27.04		subtask	E-27.04	Performs servicing and maintenance of communication systems	E-27.04
<b>Task</b>	E-28	<b>Installs, services and maintains integrated control systems</b>	E-28		<b>Task</b>	E-28	<b>Installs, services and maintains integrated control systems</b>	E-28
subtask	E-28.01	Installs building automation systems	E-28.01		subtask	E-28.01	Installs building automation systems	E-28.01
subtask	E-28.02	Installs building control systems	E-28.02		subtask	E-28.02	Installs building control systems	E-28.02
subtask	E-28.03	Performs servicing and maintenance of integrated control systems	E-28.03		subtask	E-28.03	Performs servicing and maintenance of integrated control systems	E-28.03