## Apprenticeship Manitoba

Construction Electrician RSOS (2021) Subtask to Unit Comparison

	RSOS Subtask	Manitoba Unit(s)
Task A-1	- Performs safety-related functions.	
A-1.01	Uses personal protective equipment (PPE) and safety equipment.	A2 Trade Safety Awareness D5 Blueprints and Project Planning D7 Pre-Interprovincial Exam Review
A-1.02	Maintains safe work environment.	A2 Trade Safety Awareness D5 Blueprints and Project Planning
A-1.03	Performs lock-out and tag-out procedures.	A2 Trade Safety Awareness B4 Motor Controls C4 Industrial Control Systems C5 AC Machines and Maintenance D3 Automation D7 Pre-Interprovincial Exam Review
Tool: A 0		
A-2.01	<ul> <li>Uses tools and equipment.</li> <li>Uses common and specialty tools and equipment.</li> </ul>	A6 Residential Wiring Practices B2 Commercial Code Applications B4 Motor Controls C4 Industrial Control Systems D4 Fire Alarms
A-2.02	Uses access equipment.	A2 Trade Safety Awareness
A-2.03	Uses rigging, hoisting and lifting equipment.	A2 Trade Safety Awareness
Taala A O		
	- Organizes work.	AE Desidential Electrical Code
A-3.01	Interprets plans, drawings and specifications.	A5 Residential Electrical Code A6 Residential Wiring Practices B2 Commercial Code Applications C1 Industrial Electrical Code D5 Blueprints and Project Planning
A-3.02	Organizes materials and supplies.	A3 Computer and Communication Skills B2 Commercial Code Applications C1 Industrial Electrical Code D5 Blueprints and Project Planning
A-3.03	Plans project tasks and procedures.	A3 Computer and Communication Skills B2 Commercial Code Applications C4 Industrial Control Systems D5 Blueprints and Project Planning
A-3.04	Prepares worksite.	A2 Trade Safety Awareness B2 Commercial Code Applications C4 Industrial Control Systems D5 Blueprints and Project Planning
A-3.05	Finalizes required documentation.	A3 Computer and Communication Skills B2 Commercial Code Applications C5 AC Machines and Maintenance D5 Blueprints and Project Planning
Teel A 1		
	- Fabricates and installs support com	
A-4.01	Fabricates support structures.	A5 Residential Electrical Code

		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		C1 Industrial Electrical Code
		D7 Pre-Interprovincial Exam Review
A-4.02	Installs brackets, hangers and	A5 Residential Electrical Code
	fasteners.	A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		C1 Industrial Electrical Code
		D7 Pre-Interprovincial Exam Review
A-4.03	Installs seismic restraint systems.	A5 Residential Electrical Code
	,	A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		C1 Industrial Electrical Code
		D5 Blueprints and Project Planning
Task A-5	- Commissions and decommissions e	lectrical systems.
A-5.01	Performs startup and shutdown	A2 Trade Safety Awareness
	procedures.	B4 Motor Controls
	<b>'</b>	C1 Industrial Electrical Code
		C4 Industrial Control Systems
		C5 AC Machines and Maintenance
		D1 Advanced Electrical Code
		D3 Automation
A-5.02	Performs commissioning and	A6 Residential Wiring Practices
/ 0.01	decommissioning of systems.	B4 Motor Controls
		C1 Industrial Electrical Code
		C4 Industrial Control Systems
		C5 AC Machines and Maintenance
		D1 Advanced Electrical Code
		D3 Automation
Task A-6	– Uses communication and mentoring	techniques.
A-6.01	Uses communication techniques.	A3 Computer and Communication Skills
A-6.02	Uses mentoring techniques.	D6 Journeyperson Trainer
Task B-7	– Installs, services and maintains cons	sumer/supply services and metering equipment.
B-7.01	Installs single-phase consumer/supply	A5 Residential Electrical Code
-	services and metering equipment.	A6 Residential Wiring Practices
	3-1-1	B1 Commercial Electrical Code
		B2 Commercial Code Applications
		D1 Advanced Electrical Code
B-7.02	Installs three-phase consumer/supply	C1 Industrial Electrical Code
	services and metering equipment.	C2 Three Phase Theory and Transformers
B-7.03		A5 Residential Electrical Code
	Performs servicing and maintenance of	
B 7.00	Performs servicing and maintenance of single-phase consumer/supply	
B 7.00	single-phase consumer/supply	B1 Commercial Electrical Code
D 7.00		B1 Commercial Electrical Code B2 Commercial Code Applications
	single-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code
B-7.04	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code
	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code
	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code
B-7.04	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers
B-7.04 Task B-8	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers ection devices.
B-7.04	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers ection devices. A5 Residential Electrical Code
B-7.04 Task B-8	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers ection devices. A5 Residential Electrical Code A6 Residential Wiring Practices
B-7.04 Task B-8	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers ection devices. A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code
B-7.04 Task B-8	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers ection devices. A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code C1 Industrial Electrical Code
B-7.04 Task B-8 B-8.01	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment. <b>- Installs, services and maintains prote</b> Installs overcurrent protection devices.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers ection devices. A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code C1 Industrial Electrical Code D1 Advanced Electrical Code
B-7.04 Task B-8	single-phase consumer/supply services and metering equipment. Performs servicing and maintenance of three-phase consumer/supply services and metering equipment.	B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Three Phase Theory and Transformers ection devices. A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code C1 Industrial Electrical Code

		B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
		D2 Power Quality
B-8.03	Performs servicing and maintenance of	A5 Residential Electrical Code
2 0.00	protection devices.	A6 Residential Wiring Practices
	protection devices.	B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C5 AC Machines and Maintenance
		D1 Advanced Electrical Code
Task B-9	<ul> <li>Installs, services and maintains power</li> </ul>	
		A5 Residential Electrical Code
		A6 Residential Wiring Practices
B-9.01	Installe newer distribution equipment	B1 Commercial Electrical Code
D-9.01	Installs power distribution equipment.	C1 Industrial Electrical Code
		C2 Three Phase Theory and Transformers
		D1 Advanced Electrical Code
		A5 Residential Electrical Code
		B1 Commercial Electrical Code
	Derforme convising and maintenance of	
B-9.02	Performs servicing and maintenance of	C1 Industrial Electrical Code
	power distribution equipment.	C2 Three Phase Theory and Transformers
		C5 AC Machines and Maintenance
		D1 Advanced Electrical Code
		ver conditioning, uninterruptible power supply (UPS)
	e suppression systems.	
B-10.01	Installs power conditioning, UPS and	D2 Power Quality
	surge suppression systems.	
B-10.02	Performs servicing and maintenance of	B2 Commercial Code Applications
	power conditioning, UPS and surge	D2 Power Quality
	suppression systems.	, i i i i i i i i i i i i i i i i i i i
Tack P 4	1 Installs convises and maintains have	ding and grounding, and ground foult protection and
I dak D-1	i – installs, services and maintains bon	iding and grounding, and ground fault protection and
		nding and grounding, and ground fault protection and
detection	n systems.	
	systems. Installs bonding and grounding	A5 Residential Electrical Code
detection	n systems.	A5 Residential Electrical Code A6 Residential Wiring Practices
detection	systems. Installs bonding and grounding	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code
detection	systems. Installs bonding and grounding	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications
detection	systems. Installs bonding and grounding	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code
detection B-11.01	n systems. Installs bonding and grounding systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code
detection	systems. Installs bonding and grounding	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code
detection B-11.01	Installs bonding and grounding systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code
detection B-11.01	n systems. Installs bonding and grounding systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code
detection B-11.01 B-11.02	Installs bonding and grounding systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality
detection B-11.01 B-11.02	Installs bonding and grounding systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code
detection B-11.01 B-11.02	Installs bonding and grounding systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code
detection B-11.01 B-11.02 B-11.03	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code C1 Power Quality
detection B-11.01 B-11.02 B-11.03	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code
detection B-11.01 B-11.02 B-11.03	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Power Quality
detection B-11.01 B-11.02 B-11.03	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code A5 Residential Electrical Code A7 DC Fundamentals
detection B-11.01 B-11.02 B-11.03	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers
detection B-11.01 B-11.02 B-11.03	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code C2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers C5 AC Machines and Maintenance
detection B-11.01 B-11.02 B-11.03	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers
detection B-11.01 B-11.02 B-11.03 B-11.04	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of bonding and grounding systems.	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers C5 AC Machines and Maintenance D1 Advanced Electrical Code
detection B-11.01 B-11.02 B-11.03 B-11.04 Task B-12	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of bonding and grounding systems.         2 – Installs, services and maintains pov	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers C5 AC Machines and Maintenance D1 Advanced Electrical Code
detection B-11.01 B-11.02 B-11.03 B-11.04	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of bonding and grounding systems.         2 – Installs, services and maintains pove Installs alternating current (AC)	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers C5 AC Machines and Maintenance D1 Advanced Electrical Code
detection B-11.01 B-11.02 B-11.03 B-11.04 Task B-12	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of bonding and grounding systems.         2 – Installs, services and maintains pov	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers C5 AC Machines and Maintenance D1 Advanced Electrical Code <b>ver generation and conversion systems.</b> A7 DC Fundamentals B3 AC Fundamentals
detection B-11.01 B-11.02 B-11.03 B-11.04 Task B-12	systems.         Installs bonding and grounding systems.         Installs ground fault protection and detection systems.         Installs lightning protection systems.         Performs servicing and maintenance of bonding and grounding systems.         2 – Installs, services and maintains pove Installs alternating current (AC)	A5 Residential Electrical Code A6 Residential Wiring Practices B1 Commercial Electrical Code B2 Commercial Code Applications C1 Industrial Electrical Code D1 Advanced Electrical Code B1 Commercial Electrical Code C1 Industrial Electrical Code D2 Power Quality B1 Commercial Electrical Code C1 Industrial Electrical Code C1 Industrial Electrical Code D2 Power Quality A5 Residential Electrical Code A7 DC Fundamentals C2 Three Phase Theory and Transformers C5 AC Machines and Maintenance D1 Advanced Electrical Code

		C5 AC Machines and Maintenance
		D1 Advanced Electrical Code
B-12.02	Derforme convising and maintenance of	C5 AC Machines and Maintenance
	Performs servicing and maintenance of AC generating systems.	
B-12.03	Installs direct current (DC) generating and conversion systems. (NOT COMMON CORE)	B6 DC Machines and Controls
B-12.04	Performs servicing and maintenance of DC generating and conversion systems. (NOT COMMON CORE)	B6 DC Machines and Controls
Task B-1	Installs services and maintains rem	ewable energy generating and storage systems.
B-13.01	Installs renewable energy generating and storage systems.	B2 Commercial Code Applications D1 Advanced Electrical Code
B-13.02	Performs servicing and maintenance of	B2 Commercial Code Applications
0.02	renewable generating and storage energy systems.	D1 Advanced Electrical Code
Task B-14	↓ 4 – Installs, services and maintains higl	h voltage systems.
B-14.01	Installs high voltage equipment.	C1 Industrial Electrical Code
		D1 Advanced Electrical Code
B-14.02	Installs high voltage cables.	D1 Advanced Electrical Code
B-14.03	Performs servicing and maintenance of	C1 Industrial Electrical Code
	high voltage systems.	D1 Advanced Electrical Code
Task B-1	↓ 4 – Installs, services and maintains higl	h voltage systems.
B-14.01	Installs high voltage equipment.	C1 Industrial Electrical Code
		D1 Advanced Electrical Code
B-14.02	Installs high voltage cables.	D1 Advanced Electrical Code
B-14.03	Performs servicing and maintenance of	C1 Industrial Electrical Code
	high voltage systems.	D1 Advanced Electrical Code
Task B-1	Installs, services and maintains translate	lisformers.
B-15.01	Installs extra-low-voltage transformers.	A5 Residential Electrical Code
		A6 Residential Wiring Practices
		B2 Commercial Code Applications
		C2 Three Phase Theory and Transformers
-		D1 Advanced Electrical Code
B-15.02	Installs low-voltage single-phase	B2 Commercial Code Applications
D 45 00	transformers.	C2 Three Phase Theory and Transformers
B-15.03	Installs low-voltage three-phase	C1 Industrial Electrical Code
B-15.04	transformers. Installs high-voltage transformers.	C2 Three Phase Theory and Transformers C1 Industrial Electrical Code
D-13.04		C2 Three Phase Theory and Transformers
B-15.05	Performs servicing and maintenance of	C2 Three Phase Theory and Transformers
	transformers.	C5 AC Machines and Maintenance
		eways, conductors, cables and enclosures.
C-16.01	Installs conductors and cables.	A5 Residential Electrical Code
		A6 Residential Wiring Practices B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
C-16.02	Installs conduit and fittings.	A5 Residential Electrical Code
J 10.02		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		B2 Commercial Code Applications

		D1 Advanced Electrical Code
C-16.03	Installs raceways.	A5 Residential Electrical Code
		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
C-16.04	Installs boxes and enclosures.	A5 Residential Electrical Code
		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
C-16.05	Performs servicing and maintenance of	A5 Residential Electrical Code
	raceways, conductors, cables and	B1 Commercial Electrical Code
	enclosures.	C1 Industrial Electrical Code
		D1 Advanced Electrical Code
Tack C-1	 7 - Installs, sorvices and maintains brai	he circuitry and dovices
C-17.01	7 – Installs, services and maintains brains brain in the service of the servic	A5 Residential Electrical Code
5 17.01		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
C-17.02	Installs wiring devices.	A5 Residential Electrical Code
0 11:02		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
C-17.03	Installs lighting controls.	A5 Residential Electrical Code
		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		B2 Commercial Code Applications
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
C-17.04	Installs lighting standards.	A5 Residential Electrical Code
		B1 Commercial Electrical Code
		C1 Industrial Electrical Code
C-17.05	Performs servicing of branch circuitry.	A5 Residential Electrical Code
		A6 Residential Wiring Practices
		B1 Commercial Electrical Code
		C1 Industrial Electrical Code
		D1 Advanced Electrical Code
C-17.06	Installs, services and maintains airport visual aid systems.	D1 Advanced Electrical Code
C-17.07	Installs, services and maintains traffic	D1 Advanced Electrical Code
	signal lights and controls.	D3 Automation
		ting, ventilating and air-conditioning (HVAC) systems.
C-18.01	Connects HVAC systems and	C1 Industrial Electrical Code
0 40 00	associated equipment.	C4 Industrial Control Systems
C-18.02	Installs HVAC controls.	C4 Industrial Control Systems
C-18.03	Performs servicing and maintenance of	C4 Industrial Control Systems
	HVAC systems and controls.	
Took C 44	l Installa conviges and maintains also	htria hasting systems
	9 – Installs, services and maintains elec	
C-19.01	Installs electric heating systems.	A5 Residential Electrical Code

		P1 Commercial Electrical Code
C-19.02	Installs alastric basting system	B1 Commercial Electrical Code A5 Residential Electrical Code
C-19.02	Installs electric heating system	
0 40 00	controls.	B1 Commercial Electrical Code
C-19.03	Performs servicing and maintenance of	B2 Commercial Code Applications
	electric heating systems and controls.	
Task C-2	Installs, services and maintains exit	and emergency lighting systems
C-20.01	Installs exit and emergency lighting.	B2 Commercial Code Applications
C-20.01 C-20.02	Performs servicing and maintenance of	B2 Commercial Code Applications
0-20.02	exit and emergency lighting systems.	
Task C-2	I – Installs, services and maintains cather and	nodic protection systems.
C-21.01	Installs cathodic protection systems.	B2 Commercial Code Applications
C-21.02	Performs servicing and maintenance of	B2 Commercial Code Applications
0 21.02	cathodic protection systems.	
Task D-22	2 – Installs, services and maintains mot	or starters and controls.
D-22.01	Installs motor starters.	B4 Motor Controls
		C4 Industrial Control Systems
D-22.02	Performs servicing and maintenance of	B4 Motor Controls
	motor starters.	C4 Industrial Control Systems
D-22.03	Installs motor control devices.	B4 Motor Controls
		C4 Industrial Control Systems
D-22.04	Performs servicing and maintenance of	B4 Motor Controls
	motor controls.	C4 Industrial Control Systems
Task D-2	3 – Installs, services and maintains driv	res.
D-23.01	Installs AC drives.	C4 Industrial Control Systems
D-23.02	Performs servicing and maintenance of	C3 Electronic Concepts II
	AC drives.	C4 Industrial Control Systems
D-23.03	Installs DC drives.	C4 Industrial Control Systems
D-23.04	Performs servicing and maintenance of	C3 Electronic Concepts II
	DC drives.	C4 Industrial Control Systems
Task D-24	4 – Installs, services and maintains mot	
D-24.01	Installs single-phase motors.	B1 Commercial Electrical Code
		C5 AC Machines and Maintenance
		D7 Pre-Interprovincial Exam Review
D-24.02	Performs servicing and maintenance of	B1 Commercial Electrical Code
	single-phase motors.	C5 AC Machines and Maintenance
		D7 Pre-Interprovincial Exam Review
D-24.03	Installs three-phase motors.	C1 Industrial Electrical Code
		D7 Pre-Interprovincial Exam Review
D-24.04	Performs servicing and maintenance of	C5 AC Machines and Maintenance
<b>D</b> a : c =	three-phase motors.	D7 Pre-Interprovincial Exam Review
D-24.05	Installs DC motors.	B6 DC Machines and Controls
		C1 Industrial Electrical Code
D 0 1 00		D7 Pre-Interprovincial Exam Review
D-24.06	Performs servicing and maintenance of	B6 DC Machines and Controls
	DC motors.	C5 AC Machines and Maintenance
		D7 Pre-Interprovincial Exam Review
Test D. C	E Installe presente semilere en l	inteline entermeted existent energy and
	5 – Installs, programs, services and ma	
D-25.01	Installs automated control systems.	D3 Automation
D-25.02	Performs servicing and maintenance of	D3 Automation
	automated control systems.	D2 Automotion
D-25.03	Programs and configures automated	D3 Automation
	control systems.	

Task E-20	6 – Installs, services and maintains sigr	nalling systems.	
E-26.01	Installs fire alarm systems.	D4 Fire Alarms	
E-26.02	Performs servicing and maintenance of	B5 Electronic Concepts I	
	fire alarm systems.	D4 Fire Alarms	
E-26.03	Installs security and surveillance	D1 Advanced Electrical Code	
	systems.		
E-26.04	Performs servicing and maintenance of	D1 Advanced Electrical Code	
	security and surveillance systems.		
	7 – Installs, services and maintains con		
E-27.01	Installs voice/data/video (VDV) and	A6 Residential Wiring Practices	
	community antenna television (CATV)	D7 Pre-Interprovincial Exam Review	
	systems.		
E-27.02	Installs public address (PA) and	A5 Residential Electrical Code	
	intercom systems.	D1 Advanced Electrical Code	
E-27.03	Installs nurse call systems.	A5 Residential Electrical Code	
		D1 Advanced Electrical Code	
E-27.04	Performs servicing and maintenance of	A6 Residential Wiring Practices	
	communication systems.	B2 Commercial Code Applications	
		D1 Advanced Electrical Code	
Task E-28	Task E-28 – Installs, services and maintains integrated control systems.		
E-28.01	Installs building automation systems.	D3 Automation	
		D4 Fire Alarms	
E-28.02	Installs building control systems.	D3 Automation	
		D4 Fire Alarms	
E-28.03	Performs servicing and maintenance of	D3 Automation	
	integrated control systems.	D4 Fire Alarms	

