

**STUDY GUIDE FOR INTERIM WIREMAN'S *ELECTRICIAN* EXAM**

**EFFECTIVE DATE: MARCH 24<sup>TH</sup> 2014 UNTIL NEXT REVISION**

Table I outlines the structure of the wireman's exam currently being used by the PUC.

<b>Type</b>	<b>Section</b>	<b>Sources for questions</b>	<b># of questions</b>	<b>Allocated points</b>
<b>Theory (written)</b>	Section I	Electricity Act Ch 221 rev 2000; Electricity (licensing of Wiremen) Regulations Ch 221s rev 1995	5	5pts
	Section II	PUC's – <i>Wireman's Procedure for Design Submission</i>	5	5pts
	Section III	BEL's – <i>Service Installations Manual rev 2009</i> BEL's – <i>Standard Metering Arrangements rev 2006</i>	5	5pts
	Section IV	AC & DC circuit theory – Ohms Law, series/parallel circuit calculations for typical branch circuit electrical component.	15	15pts
	Section V	2008 NEC chapter 1 – <i>General</i> : articles 100, 110 2008 NEC chapter 2 – <i>Wiring &amp; Protection</i> : articles 200 - 285 2008 NEC chapter 3 – <i>Wiring Methods &amp; Materials</i> : articles 300 – 362 2008 NEC chapter 4 – <i>Equipment for General Use</i> : articles 400 – 422; articles 430 - 450	5 5 5 5	5pts 5pts 5pts 5pts
<b>Practical (design)</b>	Section VI	Be able to complete the following components of a design submission: floor plan with branch circuits, single line diagram for service entrance, load sheet, load calculation sheet. A typical set of construction drawings will be provided for a two bedroom house.		50pts
<b>Exam is four (4) hours. Persons must be at the PUC office at the mutually agreed time to sit exam. A mark of 70% or above indicates a pass.</b>				