



Electrical Load Calculation for Commercial Tenant Improvement

Master Requirement ELE 104

Building Department: 604-990-2480, building@dnv.org

Purpose

Prior to the issuance of an electrical permit where one or more of the following is being installed, a Load Calculation sheet must be completed by the Electrical Contractor and provided to the Electrical Department for approval:

- Air Conditioner
- Car Charger
- Heat Pump

To be completed by the Electrical Contractor before an Electrical Permit can be issued

Permit Details

Project Address: _____

Electrical Permit Number: _____ Building Permit Number: _____

Electrical Contractor: _____

Service Details

Type of Service (tick one): Overhead Underground

Size of Service: Volts: _____ Amps: _____ Phase: 1 3

Size of distribution panel(s): _____

Tenant Improvement Unit Size

Use Table 14 (CEC 8-210) To determine wattage

Electric space heating loads (at 75% as per CEC Section 62-116(4)(b))

Please list any additional loads (at 100%)

List Loads _____		m ²
		W
		W
		W
		W
		W
		W
		W

Document Number: 5803952

	W
	W
	W
	W
	W
	W
	W
	W
	W

Total Watts

	W

Size of main service: Volts: _____ Amps: _____

Phase: 1 3

For TI's list all existing distribution panel in unit

Panel 1 Volts: _____ Amps: _____

Phase: _____

Panel 2 Volts: _____ Amps: _____

Phase: _____

Panel 3 Volts: _____ Amps: _____

Phase: _____

Panel 4 Volts: _____ Amps: _____

Phase: _____