**CMGT 235 – Electrical and Mechanical Systems**

**Homework #19** - Electrical Properties of Appliances and Equipment – U. L. Name Plate Data

Due: 10/27/2020

Points: 20

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Complete the following table where applicable by obtaining the information from your home. Use just ONE location, not multiple homes. Record values from U. L. Name Plate in pencil and record calculated values in pen.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Appliance** | | **Make** | **VAC/HZ** | **Current (A)** | **Power (W)** | **HP** |
| Refrigerator | |  |  |  |  |  |
| Microwave Oven | |  |  |  |  |  |
| Toaster | |  |  |  |  |  |
| Toaster Oven | |  |  |  |  |  |
| Coffee Maker | |  |  |  |  |  |
| Blender | |  |  |  |  |  |
| Juicer | |  |  |  |  |  |
| Waste Disposal | |  |  |  |  |  |
| Kitchen Exhaust Fan | |  |  |  |  |  |
| Hot Water Tank | 🞏 ELEC 🞏 GAS |  |  |  |  |  |
| Dryer | 🞏 ELEC 🞏 GAS |  |  |  |  |  |
| Washer | |  |  |  |  |  |
| Dishwasher | |  |  |  |  |  |
| Digital Alarm Clock | |  |  |  |  |  |
| Television | |  |  |  |  |  |
| DVD Player | |  |  |  |  |  |
| Other? | |  |  |  |  |  |
|  | |  |  |  |  |  |
|  | |  |  |  |  |  |
|  | |  |  |  |  |  |
| **Total Current and Power**  [Calculate in different color pen or pencil where applicable] | | |  |  |  |  |
| **Check, I = P / E =** | | | | | | |