

Electricity Merit Badge – Home Inspection Checklist and Electrical Wiring Map

Scout Name _____ Date _____ Parent Signature _____

Complete an electrical safety check at your home. Be able to discuss what you find.

Electrical Cords & Outlets

Inspect all wires and cords for fraying or damage. Are all wires and cords in good condition?

☐ Yes ☐ Problems found and corrected.

Are wires and cords kept out from beneath furniture and carpets?

☐ Yes ☐ Problems found and corrected.

Are outlets properly used and not overloaded?

☐ Yes ☐ Problems found and corrected.

Are indoor extension cords only used inside?

☐ Yes ☐ Problems found and corrected.

Do your outlets in bathrooms or near water have ground fault circuit interrupters?

☐ Yes ☐ Problems found and corrected.

(Professional electrician will be needed)

Circuit breakers/fuses

Do you have the correct size and rating for your circuit breaker/fuse box?

☐ Yes ☐ Problems found and corrected.

(Professional electrician will be needed)

If you have fuses, do any fuses need to be replaced?

☐ Yes ☐ Problems found and corrected.

Appliances

Are electrical appliances, such as refrigerators, computers and video game equipment well ventilated to avoid overheating?

☐ Yes ☐ Problems found and corrected.

Are electrical items, such as the television, stereo, curling iron and hair dryer kept away from water to avoid accidental electrocution?

☐ Yes ☐ Problems found and corrected.

Are hot items like toasters and coffee makers clear of flammable items?

☐ Yes ☐ Problems found and corrected.

Outdoor safety

Are extension cords used safely? (Check if they in the way of lawn mowers and other equipment like power tools.)

☐ Yes ☐ Problems found and corrected.

Lightning

Do you use electrical equipment during lightning storms?

☐ No ☐ I didn't know this was a problem

Do you have surge protectors on electrical equipment to protect it during electrical storms?

☐ Yes ☐ Problems found and corrected.

Space heaters

Are space heaters and other heating devices UL listed and always kept at least 3 feet away from other objects?

☐ Yes ☐ Problems found and corrected.

Are space heaters turned off before going to bed?

☐ Yes ☐ I will remember to do this.