

Electric Arcing

Concepts

Explanation:

As electricity is passed through the filament in the light bulb the gas inside the bulb is ionized. If you touch the outside of the bulb you ground the circuit and the ionizing energy is drawn to where the bulb is touched.

BE VERY CAREFUL WHEN USING ELECTRICITY

Sources:

If you have other explanations, concepts, or ideas for this demonstration please share them by contacting our Chem Demo team (bedell@nku.edu; sieveb1@nku.edu). We will pass them on to the community and credit you with the ideas.