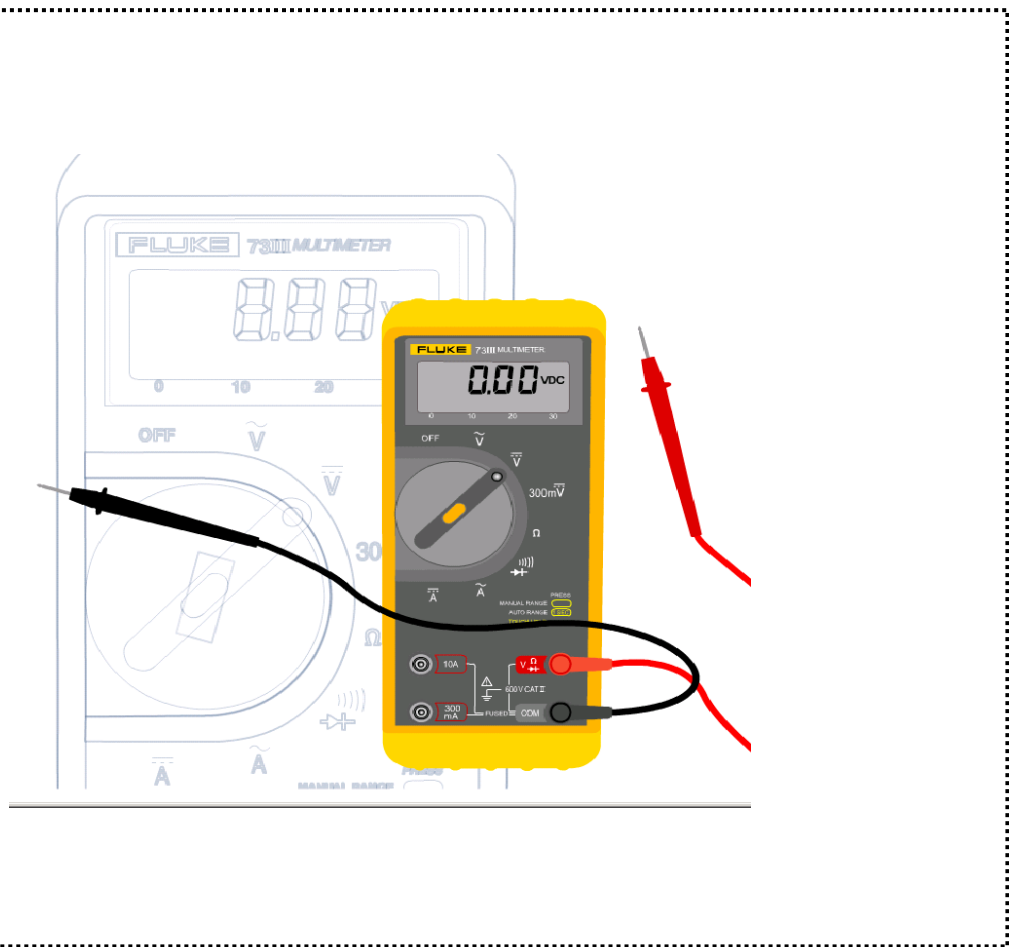


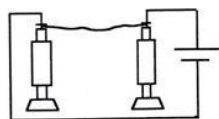
Electricity



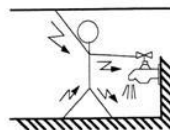
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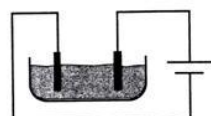
Effects of electricity



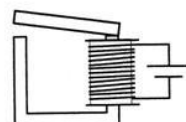
Heat generation



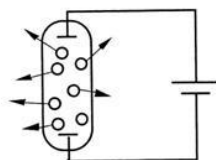
Physiological effects



Chemical effects



Magnetically effects



Light related effects

All of us have daily experience with the effects of electricity for example when switching on the lights when it becomes dark outside. Beside the creation of light the electricity can show different effects. It may have a chemical effect, a thermal effect, it may create a magnetic field, it has an influence to living organisms etc. If current flows for example through a human body it can cause severe damages and may even lead to dead.

The actual impact depends on the voltage, the current and the duration the body was exerted to the electricity. We all know the effects of electricity very well, but what is electricity? First of all it is a difference in electric potential between two different locations.