

EFFECTS OF ELECTRICAL CURRENT IN THE HUMAN BODY	
Current	Reaction
Below 1 Milliamp	Generally not perceptible
1 Milliamp	Faint Tingle
5 Milliamps	Slight shock felt. Not painful but disturbing. Average individual can let go. Strong involuntary reactions can lead to other injuries.
6 to 25 Milliamps (women)	Painful shocks. Loss of muscle control.
9 to 30 Milliamps (men)	The freezing current or "let go" range. If extensor muscles are excited by shock, the person may be thrown away from the power source. Individuals cannot let go. Strong involuntary reactions can lead to other injuries.
50 to 150 Milliamps	Extreme pain, respiratory arrest, severe muscle reactions. Death is possible.
1.0 to 4.3 Amps	Rhythmic pumping action of the heart ceases.