

Distinguish, differentiate, compare and explain what is the Difference between earth resistance and earth electrode resistance. Comparison and Differences.

## **Difference between earth resistance and earth electrode resistance**

Only one of the terminals is evident in the earth resistance. In order to find the second terminal we should recourse to its definition: Earth Resistance is the resistance existing between the electrically accessible part of a buried electrode and another point of the earth, which is far away. The resistance of the electrode has the following components :

- (A) The resistance of the metal and that of the connection to it.
- (B) The contact resistance of the surrounding earth to the electrode.

Steady Run