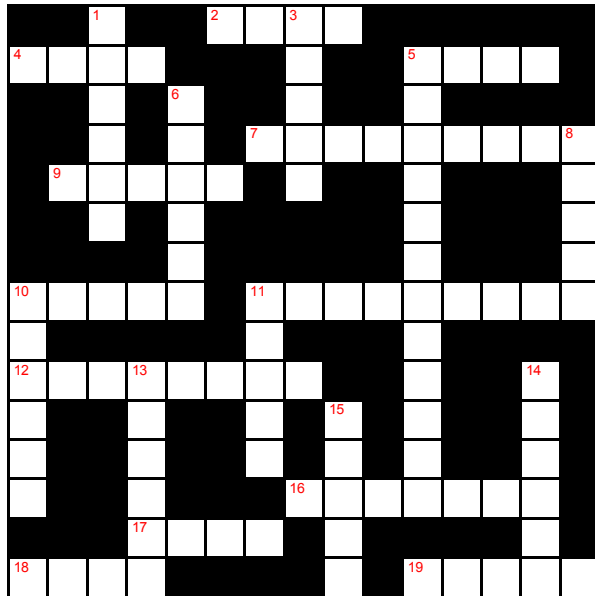


Electrical_equipment_15x15_2008-10-11

B.B. Huria



Across

- 2 Result of a force moving an object over a distance (4)
- 4 The ratio of system output signal to system input signal (4)
- 5 The rate of flow of energy or particles across a given surface (4)
- 7 Any material which tends to make the flow of electric current through it relatively easy (9)
- 9 The wires exiting out of the motor terminal box used to connect the motor and/or accessories to the power supply (5)
- 10 A transient wave of current, voltage, or power in the electric circuit (5)
- 11 The rate at which

alternating current reverses its direction of flow (9)

- 12 The laminated iron core with wire wound around it in which electromotive force is produced by magnetic induction in a motor or generator (8)
- 16 The force that causes a current to flow in an electrical circuit (7)
- 17 Centre line of the rotor of a motor (4)
- 18 The difference between the speed of the rotating magnetic field (which is always synchronous) and the rotor in a non-synchronous induction motor (4)
- 19 Work done per unit of time (5)

Down

- 1 A device that passes a signal or a range of signals and eliminates all others (6)
- 3 The rotating member of an induction motor with a shaft (5)
- 5 A current which results from the loss of insulation between conductors or between a conductor and ground (5,7)
- 6 A unit of circuit elements usually packaged so it can be readily replaced (6)
- 8 Electrical device such that current flowing through it in one circuit can switch on and off a current in a second circuit (5)

- 10 That part of an induction motor's magnetic structure which does not rotate (6)
- 11 A unit of measurement for electrical capacitance (5)
- 13 The space between the rotating and stationary member in an electric motor (3,3)
- 14 The basic unit of electric current adopted under the System International d'Unites (6)
- 15 A device that passes current in one direction, but blocks current in the reversed direction (5)