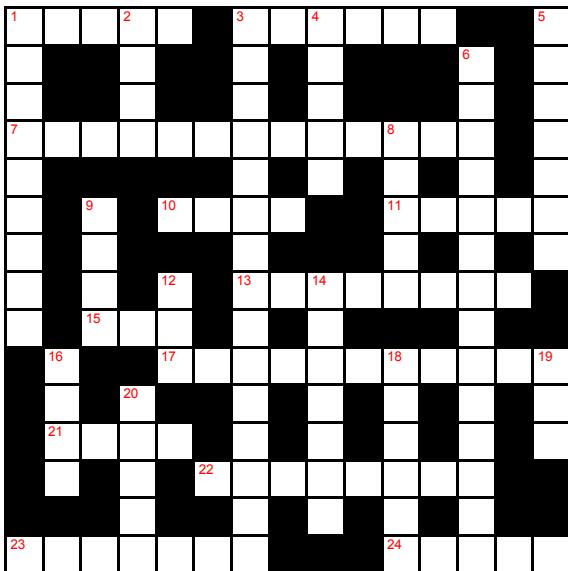


Civil construction_15x15_2008-10-08

B.B. Huria



Across

- 1 A framework of rafters, posts, and struts for supporting a roof (5)
- 3 The process in which mortar and concrete harden (6)
- 7 A container in which a positive pressure is maintained and which supplies the air through different ducts to different areas (6,7)
- 10 A conduit to carry off smoke (4)
- 11 Mechanical device for controlling the flow of a fluid (5)
- 13 A mechanical device that serves to connect the ends of adjacent objects (8)
- 15 The amount of heat energy required to raise the temperature of one pound of water through a change of

Down

- one degree F (3)
- 17 A fitting shaped like a bell; the smaller end is used to reduce the size of the pipe in the line (4,7)
- 21 A unit of power equal to 1 joule per second (4)
- 22 Also called fish wire; It is used to advance wire through a conduit (4,4)
- 23 Thermometer scale on which unit of measurement equals the Fahrenheit degree with zero being equal to absolute zero (7)
- 24 Rubberlike; a common binder for water base paints (5)
- 1 The process of heating a material followed by controlled cooling (9)
- 2 The entire horizontal distance between structural supports (4)
- 3 A chemical used to speed up curing of concrete during damp conditions (7,8)
- 4 Reinforcing bar used to increase the tensile strength of concrete (5)
- 5 Fortification consisting of a low wall on a road, balcony or on the sides of a bridge (7)
- 6 A cement that hardens under water; made by heating limestone and clay in a kiln and pulverizing the result (8,6)
- 8 Two surfaces meeting at an angle different from 90 degrees (5)
- 9 A side piece or post of door frame, or window (4)
- 12 The enlarged end of a pipe in which other pipe fits in (3)
- 14 A vertical structural member as a post or stake (7)
- 16 A rectangular wood or metal tool with a handle underneath used by plasterers or bricklayers to carry plaster (4)
- 18 A small part that can be considered separately from the whole (6)
- 19 A measure of rotation per minute (3)
- 20 A large tall chimney through which combustion gases and smoke can be

evacuated (5)