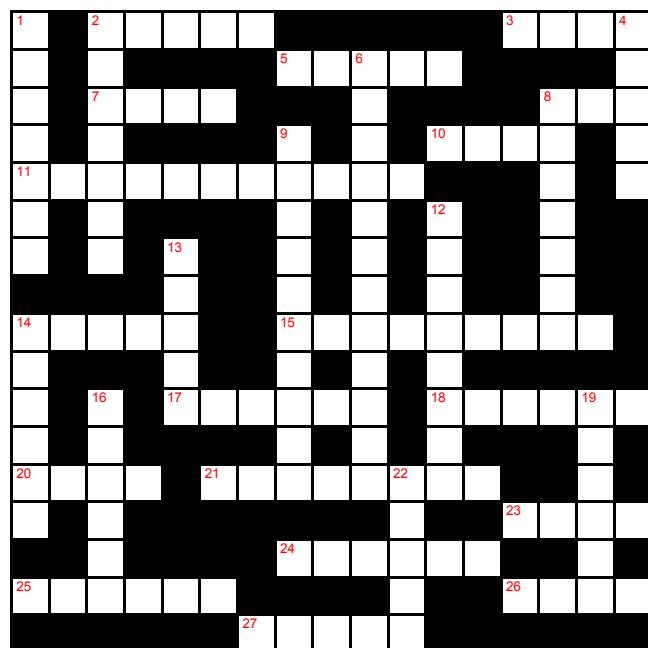


Glass_making_17x17_2008-10-13

B.B. Huria



Across

- 2 A homogeneous, hard, brittle and transparent material with a non-crystalline molecular structure. (5)
- 3 Also called gather. (4)
- 5 A metallic or wooden form used for shaping molten glass. (5)
- 7 Oven used for annealing glass objects. (4)
- 8 A fire clay container in which the batch of glass ingredients is fused kept molten. (3)
- 10 Sodium carbonate. (4)
- 11 Process of etching glass surface with the aid of hydrofluoric acid or aqua regia. (4,7)
- 14 A cgs unit of dynamic viscosity equal to one dyne-second per square centimeter. (5)

- 15 The process of cutting into the surface of a glass object with an abrasive material (9)
- 17 Silicon dioxide, the main ingredient of glass. (6)
- 18 A quality that outshines the usual. (6)
- 20 The most common form of silica used in making glass. (4)
- 21 The technique of grinding with an abrasive wheel. (8)
- 23 Calcined limestone added to the glass batch for imparting stability. (4)
- 24 A drinking glass with a base and stem. (6)
- 25 Pieces of broken glass. (6)
- 26 A large oven for firing or burning or drying glass objects. (4)
- 27 A small container with a lid, usually for tea. (5)

Down

- 1 Any enclosure for the production and application of heat. (7)
- 2 A coating of gold or of something that looks like gold. (7)
- 4 The raw material mix comprising silica, soda or potash, lime, cullet, etc. that is melted to make glass. (5)
- 6 Glass coloured with uranium oxide. (7,5)
- 8 A gather, on the end of a blowpipe, which has been partly inflated. (7)
- 9 Branched lighting fixture; often ornate; hangs from the ceiling. (10)
- 12 A method of engraving so that the ornamentation is cut into the object and lies below the surface. (8)
- 13 Minute bubbles of gas entrapped in glass body. (5)
- 14 Potassium carbonate. (6)
- 16 Also called punty, it is a solid metal rod that is tipped with a wad of hot glass, then applied to the base of a vessel to hold it during manufacture. (6)
- 19 A coloured glassy compound (opaque or partially opaque) that is fused to the surface of metal or glass or pottery for decoration or protection. (6)
- 22 Any object embedded in the surface of glass object. (5)