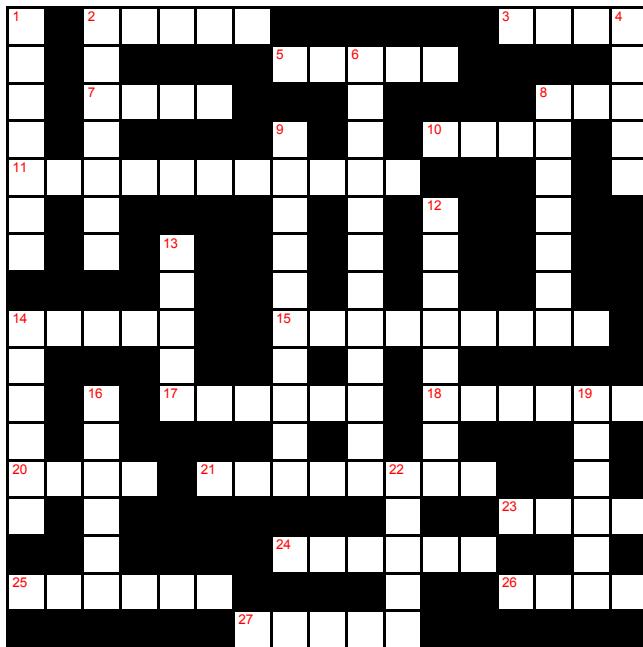


## Glass\_making\_17x17\_2008-10-13

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)