

## **Materials info for Saggars/pit fire**

### **Materials to have on hand**

Salt marsh hay

Sawdust

Bricks, sand, saggars, torch

Copper wire, sulphates, salt, ochre, terra sigillata

Optional materials students might bring to use and share as inspired:

Wood, sawdust, charcoal

String, rope, cloth, wire, coffee grounds, et al.

seaweed, grasses, salt marsh hay

Copper-- sheet, pieces, foil, mesh, wire

Copper, bronze, steel scrubbers

Glossy color magazine

Heavy duty aluminum foil

Saggars or flower pots

Work Gloves

Sketchbook

### **Instructions for preparing combustibles with salts**

Fill a bucket halfway with water.

Add Salt (kosher, road, table) to saturation.

(2 cups salt for five gallon bucket.)

Add hay, straw, sawdust, string, fabric. Soak for a day, then drain and lay out to dry. Reuse the solution. Old screens or hardware cloth, raised off the floor helps to speed drying. A fan will dry stuff quickly. Pack loosely in brown bags or boxes.

Do this with soluble forms of the metal colorants

Copper sulfate,

Ferric chloride (etching solution Radio Shack),

Cobalt Sulfate or nitrate (very expensive, use small batches)

The more common powdered forms of these can be used, but will not be absorbed into the combustibles but will be mixed with them instead.

Iron oxide, yellow ochre, Cobalt: oxide, carbonate, Copper: Oxide, carbonate.

Use rubber gloves and mask.

### **To Fire:**

Bisque fired pieces, any size, any amount, (they may not all get fired) If you know how to burnish or use terra sigillata, do so. Bisk fire no hotter than cone 08. Any clay is okay, though a white canvas shows more colors.