Concepts + Practices I

Cyanotype

description Accessible democratic printmaking

supplies Ferric Ammonium Citrate:
http://www.bostick-sullivan.com/cart/home.php?cat=78

Potassium Ferricyanide:
http://www.bostick-sullivan.com/cart/home.php?cat=111

Hake Brush : Only buy one WITHOUT metal binding:
http://www.utrechtart.com/Utrecht-Series-821-Japanese-Flat-Hake-Specialty-Brush-MP51692-i1010137.utrecht

Light Proof Bag:
http://www.bhphotovideo.com/c/product/15808-REG/Delta_13510_Light_Tight_Safe_T_Bags_with.html

3 Light Proof Containers:
http://www.bhphotovideo.com/c/product/70860-REG/Delta_11120_Datatainer_Storage_Bottle_with.html

Scale:
http://www.amazon.com/Weigh-MS-500-BLK-Digital-Pocket-Scale/dp/B000P1NYE8/ref=sr_1_4?ie=UTF8&qid=1346017520&sr=8-4&keywords=scale+for+measuring+chemicals

Digital + Analog Photo Equip:
bhphotovideo.com

solution small batch
A: 5 grams of ferric ammonium citrate 20 ml water
B: 2 grams of potassium ferricynanide and 20 ml water
A+B: makes 40ml of solution

large batch
A: 25 grams of ferric ammonium citrate 100 ml water
B: 10 grams of potassium ferricynanide and 100 ml water
A+B: makes 200ml of solution

process

Mix Solution A and B together only when ready to use. All mixing should be done in complete darkness. Try to not even use a safe light.

Coat paper in complete darkness. This will take practice. Use sweeping movements starting from the middle of the paper and pulling out towards the edge. Start horizontal and then repeat vertical. Puddles are not good but areas with no emulsion will not expose the image either. Try to keep the coating as even as possible so that the image will expose evenly. Experiment with different kinds of paper. Let dry flat in complete darkness.

Ortho film is traditional but try laser printing onto transparency [see also Digital / Physical]

Exposing will require a light source, a pane of glass, light-proof bag, the coated paper, the film, and a circulating tub of water [that's right, a bath tub and sunlight will work]. Times will vary depending on the intensity of the light and the opacity of the film. This is usually a trial and error process. Run test strips by coving up equal intervals of area at a time. Pull them out when they silver.

General
8 minutes in bright FL sunlight
11 minutes on USF small exposure unit

Quickly put in light proof bag and transport to circulating tub of water. Stick the print in face down for a couple minutes. Turn over to check. If green emulsion is leaking, it's not done washing out yet.

Dry on a flat rack.