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**SSERC Risk Assessment** (revised version March 2018)

(based on HSE’s INDG 163 ‘Risk assessment - A brief guide to controlling risks in the workplace’)

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| Activity assessed | Cyanotypes - Blueprints |
| *Date of assessment* | 18th July 2019 |
| *Date of review (****Step 5****)* |  |
| *School* |  |
| *Department* |  |

| Step 1 | Step 2 | Step 3 | Step 4 |
| --- | --- | --- | --- |
| *List Significant hazards here:* | *Who might be harmed and how?* | *What are you already doing?**What further action is needed?* | *Actions* |
| *by whom?* | *Due date* | *Done* |
| Iron ammonium citrate and potassium hexacyanoferrate III are irritants | Technicians (possibly) pupils while preparing solutions. | Wear eye protection. Avoid raising dust. |  |  |  |
| The sensitiser solution is of no significant hazard. |  |  |  |  |  |
| Uv light, if used, is hazardous. | Pupils, teachers, technicians while image is being exposed. | Use a purpose built uv light box for exposure and ensure that it is not possible to see the uv source. (or use daylight). |  |  |  |

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| **Description of activity:**This is a simple photographic process that uses iron compounds rather than the much more expensive silver ones in normal film photography.A sensitiser solution is created (from one of three recipes) and used to coat paper.Once dry, the paper is exposed to sunlight or uv light with a negative or mask on top to create an image.The picture is ‘developed’ by running it under cold water. |

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| **Additional comments:**If kept in the dark, the sensitiser solution can last a few weeks. You can tell if it has gone blue rather than being yellowish green. |