INDUCTION INTO ALEX ROUTH’S MEASUREMENT LABS
For researchers of the Flow Labs Group

Name:

Supervisor:

This is an induction for those wishing to work in the Colloid Group’s Dry Lab, 47A, using the rheometer or the benchtop refractometer. It does not entitle you to work in the Colloid Group’s Wet Lab. Any researcher from the Flow Labs group wishing to work in the dry lab must first have been through the full induction to the Flow Labs with Lotty Gladstone, and induction to the Wolfson Building with Dudley Simons.

Overview: This is an equipment lab for taking measurements of samples using a variety of machines. Samples should be prepared elsewhere, brought into the lab for analysis and then immediately removed. There are to be no samples left in the room.

Hazards: The key hazards are the Class 1 lasers which would cause blindness if stared into. There are two machines with lasers: the ALV Static Light Scattering machine on the LHS of the room on entry, and the Brookhaven Dynamic Light Scattering machine opposite the entry door. The lasers are completely contained. You must never tamper with their housing.

PPE: You do not need to wear labcoats and safety specs to work in this lab unless the COSHH assessment for your sample or the risk assessment for the equipment states to do so, in which case, you must.

Electricity: All equipment is on the electricity timer that cuts off at 5pm except for those with lasers. There is an emergency stop button to the left of the entry door which will cut the power to the room.

Before you commence work:
• You must be trained to use the equipment and have your training records signed by whoever trained you. Give an updated copy to Lotty Gladstone for her records.
• You must be signed in on the risk assessment for the appropriate piece of equipment, and understand the hazards and control measures associated with the analysis.
• You must have a COSHH form for your sample. See www.bpi.cam.ac.uk/safety to download a blank form and Lotty Gladstone for help completing this.

<table>
<thead>
<tr>
<th>Machine:</th>
<th>Trained by:</th>
<th>Signed risk assessment:</th>
<th>Training records updated:</th>
<th>Sample details:</th>
<th>COSHH attached</th>
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</thead>
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<td>Yes: ☐ No*: ☑</td>
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* if no then explain why an assessment of the sample is not required:

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|                | ............................... | □                        | □                         | Yes: ☐ No*: ☑   |                |

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