Risk Assessment Form

Title of Assessment	Cary 60	Date of assessment	06/12/22
		Date for review	06/12/23
Department	Research technology platform (RTP)		
Descriptions of Activities	Sample preparation and taking ultra-violet/visible static absorption spectra		
Name of those working to this assessment	Trained users of the Cary60 in MAS 2.11 or C1.09	Any others who may be affected by this assessment	Other users of the room
Assessment carried out by	Dr Jack Woolley		

Additional information	This is an internal and external user facility therefor there will be many people using the spectrometer, often just a single time. All users will be trained by the facility manager, Dr Jack Woolley, or an approved user and supervised if deemed necessary by him or their immediate supervisors.

Foreseeable Significant Hazard	Existing control measures	Controlled residual risk	**Further Action** where risk remains moderate/high	By whom & when	Controlled Risk Level
Exposure to UV light	Light is entirely contained during normal operation. Some possibility of exposure when changing samples but SOPs and PPE cover this.	low			
Exposure to high voltage electricity	The electric systems are entirely closed at all times. Only certified service engineers will have access.	Very low			
Exposure to hazardous chemicals	SOPs and PPE will always be in place. Sample sizes will, by necessity, be minimal, bulk sample preparation, solutions etc. will take place elsewhere. Gloves and goggles must be warn at all times when handling chemicals. No noxious chemicals or dangerous gases to be used at any times.	low	In the event of a spill of a harmful substance, SOPs must be followed and appropriate personnel (Dr Jack Woolley, or Dr James Lloyd-Hughes) must be informed immediately.	Current user, as soon as relevant.	

Work should not be carried out until the assessment is completed to a suitable & sufficient level and all required control measures are in place.

Is assessment suitable and sufficient Yes

Any further actions required to allow work to commence	

Approved By	Dr James Lloyd-Hughes
Date	06/12/22

Position	RTP Director

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	Severity of injury				
Likelihood	**Superficial**	**Minor**	**Serious**	**Major**	**Extreme**
Unlikely	Very low	Very low	Low	Low	Moderate
Possible	Very low	Low	Low	Moderate	High
Likely	Low	Low	Moderate	High	Very high
Very likely	Low	Moderate	High	Very high	Very high
Extremely likely	Moderate	High	Very high	Very high	Very high

See 'Matrix for risk evaluation' for further guidance.

Overall Risk Rating (highest level found)	low