Risk Assessment

Risk Assessment for the activity of	**Experimental PTV with LED illumination**	**Date**	**23/10/2023**
Unit/Faculty/Directorate	**Engineering**	**Assessor**	**Natalie Ko-Ferrigno**
Line Manager/Supervisor	***John Lawson***	**Signed off**	natalie

PART A											
(1) Risk identification			**(2) Risk assessment**				**(3) Risk management**				
Hazard	**Potential Consequences**	**Who might be harmed** **(user; those nearby; those in the vicinity; members of the public)**	**Inherent**			**Control measures (use the risk hierarchy)**	**Residual**			**Further controls (use the risk hierarchy)**
			Likelihood	**Impact**	**Score**		**Likelihood**	**Impact**	**Score**	
Cables presenting trip hazard	Falling resulting injury, head injury from large items in the lab	Anyone in the lab	**3**	**2**	**6**	**Ensure cables are at waist height or covered. Ensure they have high-visibility markings.**	**2**	**1**	**2**	Minimise use of trailing cables where possible
Slips, trips and falls from water on floor	Wrist injuries, bruising	Anyone on the lab	**3**	**2**	**6**	**Maintain a clean working environment**	**1**	**2**	**2**	

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			Likelihood	**Impact**	**Score**		**Likelihood**	**Impact**	**Score**	
Electronics near water	Shock Fire	Anyone in the lab	**2**	**3**	**6**	**Use low-voltage electronics to minimise the shock hazard** **Raise electronics to stay away from pooling** **Ensure PAT tested power supplies**	**1**	**3**	**3**	
Nylon powder	Respiratory irritation	Those nearby	**2**	**2**	**4**	**Only handle powder in areas of adequate ventilation**	**1**	**1**	**1**	
Nylon powder	Eye, skin and respiratory irritation	User	**3**	**2**	**6**	**Only handle powder with gloves and long sleeves** **Wash hands after handling** **Use at least FFP1 dust mask** **Wear safety glasses**	**2**	**1**	**2**	

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Assembly and disassembly of equipment	Cuts and bruises Electric shock	User, those nearby	4	2	8	**Ensure a clean working area** **Ensure electronic components do not have power when working on them**	2	2	4	

PART B – Action Plan

Risk Assessment Action Plan

Part no.	Action to be taken, incl. Cost	By whom	Target date	Review date	Outcome at review date
	Move large items out of walkways	Technician	29 Jan 2024		
	Ensure a mop is nearby and known so the spill can be cleaned	Natalie Ko-Ferrigno	29 Jan 2024		

Responsible manager's signature: Print name: Date:	Responsible manager's signature: Print name: Date