



V-Gait Treadmill Form

School Assessment No:	INFRA 39
Title of Activity:	Working with the V-Gait treadmill system
Location(s) of Work:	Gait Lab; Bayes Centre G.06

Brief Description of Work:

Working with the V-Gait treadmill



Hazard Identification:

Hazard(s)	Present Risk Evaluation L/M/H	Control Measures (i.e., alternative work methods / mechanical aids / engineering controls, etc.)	Risk Evaluation after control L/M/H
Continuation of equipment during an incident, aggravating any danger	H	<p>The emergency STOP button must be always within easy reach of the operator.</p> <p>Machinery should be stopped in the quickest safe manner possible.</p> <p>The operator should suspend the software after any unexpected occurrence and before implementing changes.</p> <p>Only authorised users should operate the machinery.</p>	L
Operator/subjects unfit for duty	M	The subject, operators and assistants shall not be under the influence of alcohol, drugs or intoxicating medication (e.g., that could influence their cognitive and reflex ability during the operation of the equipment).	L
Crushing/trapping of body parts in machinery	H	<p>Unauthorised persons should stand at a safe distance, as set by the operator.</p> <p>The treadmill has several moving/rotating parts and care should be taken that nobody is unwittingly exposed to these areas.</p> <p>Subjects should wear tight clothing during sessions and should not have loose hair or jewellery. This means no jackets, ties, loose sleeves, wide sweaters, necklaces, bracelets, loose shoelaces, loose footwear, etc. Secure long hair close to the head.</p>	L
Slipping/tripping	M	Working areas should be kept clear	L

		<p>of obstructions.</p> <p>Subjects should make use of the steps + gantry to get on to the treadmill, as assisted by a trained operator. Subjects must not approach the treadmill from the side without the steps.</p> <p>Subjects should wear the provided harness and be always strapped in whilst on the treadmill.</p> <p>Subjects should avoid standing on or near the edges of the treadmill. This includes the rollers at the end of the belt as well as the boards in the sides of the belt.</p>	
--	--	--	--

Engineering Controls:

Guarding	X	Extraction (LEV)		Interlocks	X	Enclosure	
Other relevant information (incl. testing frequency if appropriate):							

Personal Protective Equipment (PPE):

Eye / Face		Hand /Arm		Feet / Legs		Respiratory	
Body (clothing)		Hearing	X	Other (Specify) Harness			
Specify the grade(s) of PPE to be worn:							
Specify when during the activity the item(s) of PPE must be worn:							
Subjects on the treadmill whilst it is in motion must always wear the harness.							

Non-disposable items of PPE must be inspected regularly, and records retained for inspection

Persons at Risk:

Academic staff	X	Technical staff	X	P'Grad students	X	U'Grad students	X
Maintenance staff	X	Office staff		Cleaning staff		Emergency personnel	
Contractors		Visitors	X	Others			

Additional Information:

The V-Gait system must only be used by, or in the presence of, accredited operators.

If there are any problems with the system, it should be shut down and disabled by removal of the control key.

Area Manager: Sethu Vijayakumar (513444)

School Safety Adviser: David Hamilton (504499)

Nearest First Aid kit: Bayes reception.

Assessment carried out by:

Name:	Vladimir Ivan	Date:	25/08/2021
Signature:		Review Date:	25/08/2022

Safe system of work – Form SSW

Working with V-Gait Treadmill – INFRA 39

The V-Gait system must only be used by accredited operators or under the supervision of accredited operators. No unauthorised use is allowed.

Operators should comply with any instructions given in the User Manual.

Assistants and subjects should obey any directives given by the Operator.

Inexperienced and unauthorised users should only enter the working envelope under the direction of an experienced authorised user who is present at the time.

Before use, the area should be checked and cleared of unnecessary items. Cables should be neatly routed, and the emergency stop button available for use.

If any injury occurs, the unit should be stopped, disabled and medical assistance sought.

In the event of any water spillage, there are mops and wet pick-up vacuum cleaners in the Cleaner's closet on the ground floor.

Once finished, shut down unit and any associated equipment. Ensure computer is logged out, to prevent unauthorised use.

The emergency phone number is 2222 (internal) or 01316 502222 (external).

The nearest First Aid box is in the reception on the ground floor.

The first aider list for Bayes centre can be found at:

<http://web.inf.ed.ac.uk/infweb/health-safety/first-aiders>

