



RISK ASSESSMENT – Zip Wire with bungee stop system

VERTIGO ADVENTURES – STANBOROUGH PARK

Risk Assessment carried out by Darren Webber

Feb 2023 – Feb 2024

KEY
 Severity = 1 Low – 5 High
 Likelihood = 1 Low – 5 High
 S + L = **Low 1 – 3** **Med 4 – 7**
High 8 - 10

| HAZARD IDENTIFIED | PERSON AFFECTED | RISK SEVERITY + LIKELIHOOD | | | CONTROL MEASURES | RISK SEVERITY + LIKELIHOOD | | |
|--------------------------------------------------------|------------------------|----------------------------|---|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---|-----|
| | | S | L | S+L | | S | L | S+L |
| Going out onto zip wire balcony without being attached | Instructor/Participant | 2 | 2 | 4 | <ul style="list-style-type: none"> Instructor to make sure they are connected to both fall arrest and work positioning before starting any session. Instructor to attach participant to the lanyard before they are aloud through the gate onto and onto the balcony. Instructor to ensure the gate is shut at all times. To stop people walking through. Instructor to brief all explaining not to come through the gate unless instructed to be by an instructor. | 1 | 1 | 2 |

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| Entrapment in trolley | Participants | 4 | 2 | 6 | <ul style="list-style-type: none"> • Instructor to brief and demonstrate where participants should hold. • No scarfs or ties to be worn on Zip. • Hair to be tied back and tucked in. • Hands should not be able to reach wire. | 2 | 1 | 3 |
| Lanyards on zip hitting participant on the head | Participants | 2 | 4 | 6 | <ul style="list-style-type: none"> • Instructor to brief and demonstrate where participants should position head. • Instructor to position participants in the correct position before allowing them to go down the zip. • Helmet to be worn. | 2 | 2 | 4 |
| Lanyard still attached on tower stopping participant from going | Participants | 2 | 2 | 4 | <ul style="list-style-type: none"> • Lanyard is too short for the participant to go to the edge. | 1 | 1 | 2 |

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| | | | | | <ul style="list-style-type: none"> Instructors to ensure all checks are done before stepping off. | | | |
| Instructor being pulled of platform | Instructor | 5 | 2 | 7 | <ul style="list-style-type: none"> Instructors to make sure lanyards are attached at all times. Instructor to put participant in front and ask to participant to hold onto the grey tape. Instructor to stay out of reach. | 2 | 1 | 3 |
| Participants bum hitting balcony | Participant | 2 | 4 | 6 | <ul style="list-style-type: none"> Instructor to ensure participant is sitting on balcony or sitting in harness before they let them go down the zip. | 1 | 1 | 2 |
| Hitting legs on landing | Participant | 2 | 2 | 4 | <ul style="list-style-type: none"> Instructor to instruct participants in brief to lift legs when they get close to the landing area. Bottom instructor to shout lift legs as a reminder when approaching the landing area. | 1 | 1 | 2 |

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| Stopping system not set up | Participant | 5 | 3 | 8 | <ul style="list-style-type: none"> • Communication between top and bottom instructor is needed to confirm it is safe for next participant. In accordance with opps procedures. • Top instructor is NOT to take off tower lanyard until the signal from bottom instructor is given that the zip wire is safe. | 2 | 1 | 3 |
| Landing on someone | Participant | 3 | 3 | 6 | <ul style="list-style-type: none"> • Instructor at bottom to make sure area is clear. Everyone should be directed to stay by the green fencing. • Communication between top and bottom instructor is needed to confirm it is safe to for next participant. In accordance with opps procedures | 1 | 1 | 2 |