

Risk Analysis and Management System

NAME:

DATE:

ACTIVITY/SITUATION: Bridge Swinging

Analysis

Description

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|-----------------------------------|--------------------------------------|---|--|---|
| RISKS | Accident, injury other forms loss | <ul style="list-style-type: none"> -Personal injury – shock loading -Falling objects -Tipping upside down -Rope burn -Equipment breakage -Landing injury | <ul style="list-style-type: none"> -Psychological trauma -Peer pressure | |
| CAUSAL FACTORS | Hazards, perils, dangers | People | Equipment | Environment |
| | | <ul style="list-style-type: none"> -Congestion at site -Spitting -Dropping objects off bridge -Excessive peer pressure -“Falling” or tucking up instead of jumping back | <ul style="list-style-type: none"> -Breakage -Failure of system | <ul style="list-style-type: none"> -Cold/Windy |
| RISK MANAGEMENT STRATEGIES | Normal Operation | <ul style="list-style-type: none"> -A very comprehensive briefing -Manage students to avoid congestion around instructor and jumper -Eliminate distractions like spitting and stone throwing -Emphasise the “Jump” back to tension system -Avoid excessive pressure, stressed students fail to follow instructions and risk injury | <ul style="list-style-type: none"> -Double up all ropes and attachments -Monitor equipment condition -Replace as per schedule -Use chest harness -Use safety sling when climbing into place (or tie off jump rope) -Tie off jump rope before jumper goes | <ul style="list-style-type: none"> -Adequate clothing - warm tops/ windproofs as necessary to avoid loss of concentration due to cold. |
| | Emergency | <ul style="list-style-type: none"> -TSB TOPEC (onsite) a minute away | | |

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| <p>RELEVANT INDUSTRY STANDARDS APPLICABLE</p> | <p>-TSB TOPEC induction -Rock climbing background and experience</p> |
| <p>POLICIES AND GUIDELINES RECOMMENDED</p> | <p>-Use double dynamic rope -Load share tapes to 2 base anchors -Use rope protector over bridge edge -Jumper to wear a helmet -Chest harness to be used with waist harness -Clip in and tie off student (or use safety tape) before jumper crosses rail</p> |
| <p>SKILLS REQUIRED BY STAFF</p> | <p>-As per instructor qualifications and criteria for employment</p> |
| <p>FINAL DECISION ON IMPLEMENTING ACTIVITY</p> | <p><i>Choose one...</i> Accept <input type="checkbox"/> Reject <input type="checkbox"/> Comments:</p> |