



Crate Stack – Risk Assessment

The risk assessment ratings for each identified hazard, the score for the likelihood of its happening is multiplied by the score of the severity of the injury.

(For example, likelihood 2 multiplied by Severity 5 = 10 medium).

The Risk assessment is to identify hazards, value the risk and the potential harm and whom to. Have an action plan to prevent the risk and a final risk value.

| Hazard | Who | Existing Risk Value | Action to prevent | New Risk Value |
|---|--|---------------------|---|-------------------|
| Slips, Trips & Falls (Ground height) | Participants Instructors Leaders | 5*5=25 High | Helmets to be worn always inside the compound. Be made aware of any steps or objects on the ground. Shoe laces to be tied up. Appropriate Footwear to be worn inside compound. Clear Briefing/Instructions, full understanding. No running in the compound. | 2*4=8 Med |
| Slips, Trips & Falls | Participants Instructors Leaders Spectators | 5*5=25 High | Helmets to be worn always inside the compound. Be made aware of any steps. Shoe laces to be tied up. Appropriate Footwear to be worn inside compound. Clear Briefing/Instructions, full understanding. No running in the compound. Participants leave the ground attached to safety devices/Auto belays/Top rope systems. Under supervision of qualified/trained personnel only. 1-2 person to be near stack at a time, keeping area clear as possible. 6ft Fenced area for compound. Semi static rope to be used. | 2*5=10 Med |
| Failure of equipment | Participants Instructors Leaders | 5*5=25 High | Equipment is tested and inspected at manufacturing and Purchase. A 6-monthly inspection by qualified inspectors/staff A 3-monthly inspection by qualified/trained staff. A bi-weekly inspection is done by qualified/trained staff. Before/During use inspection done by instructor. | 1*5=5 Low |
| Failure of structure | Participants Instructors Leaders Spectators | 5*5=25 High | Structure inspection by external assessors (non-tree elements). Arborists report on tree elements. 3 Monthly inspection on structure (non-tree elements). Bi-Weekly visual inspection from ground level by qualified/trained staff. Before/During use inspection done by instructor. 6ft Fenced area for compound. | 1*5=5 Low |
| Entanglement | Participants | 5*5=25 High | Ensure all Long hair is tied up/back as appropriate. Non-loose clothing to be worn. Helmets to be worn always inside the compound. Clear Briefing/Instructions, full understanding. Crates holes do not put hands or fingers in them. | 2*4=8 Med |

| | | | | |
|--|--|--------------------|--|---------------------|
| Falling objects | Participants Instructors Leaders Spectators | 5*5=25 High | Helmets to be worn always inside the compound. Clear Briefing/Instructions, full understanding. 6ft Fenced area for compound. 1-2 person to be near stack at a time, keeping area clear as possible. All participants and spectators to keep an watchful eye on the stacks at all times. Arborists report on trees. | 3*4=12 Med |
| Behavioural Problems | Participants Instructors Leaders | 5*5=25 High | Clear Briefing/Instructions, full understanding. Yellow/red card system. Ratio's 12:1 maximum. Group leader must be present to control group behaviour. Site behavioural policy. | 2*5=10 Med |
| Wildlife | Participants Instructors Leaders | 5*5=25 High | No food permitted in the compound. Compound checked before/during use. Allergies (controlled by group leader) Pest control where appropriate. | 1*5=5 Low |
| Weather | Participants Leaders Instructors | 5*5=25 High | Activity not to be used in lightning weather. Activity not to be used in wind factor 5 or above. No running in the compound. Clear Briefing/Instructions, full understanding. Appropriate lighting when required. | 1*5=5 Low |
| Environment | Participants Leaders Instructors | 5*5=25 High | Being aware of surroundings. Floor covering to be made safe by clearing the activity and removing objects that may cause any hazards. Activity is built on a slop to maintain good drainage. | 1*5=5 Low |
| Covid-19 Instructor Contact (Positive) | Participants Leaders Instructors | 5x5=25 High | 1m distance if instructed Where not possible, face masks to be worn | 5*2 = 10 Med |
| Covid-19 General Contact/Arrival | | | Removed | |

This risk assessment is written in accordance with the operating process and procedures.

Written by: Stuart Whythe

Reviewed by: Stuart Whythe

Position: Deputy Centre Manager

Date: 01/2023

Qualifications: ERCA Qualified Traditional Instructor

RoSPA Operational Inspector

BTEC Health & Safety Level 2

Risk Assessment CPD

| Likelihood of Occurrence | Severity of Harm |
|--------------------------|------------------------------|
| 0 = Never | 0 = No Harm |
| 1 = Unlikely | 1 = Bumps & Bruises |
| 2 = Possible | 2 = Small Cuts & Lacerations |
| 3 = A chance | 3 = Broken/Fracture of Bones |
| 4 = Likely | 4 = Loss of limb |
| 5 = Certain | 5 = Fatality |

| | | Severity | | | | |
|------------|---|----------|----|----|----|----|
| | | * | 1 | 2 | 3 | 4 |
| Likelihood | 1 | 1 | 2 | 3 | 4 | 5 |
| | 2 | 2 | 4 | 6 | 8 | 10 |
| | 3 | 3 | 6 | 9 | 12 | 15 |
| | 4 | 4 | 8 | 12 | 16 | 20 |
| | 5 | 5 | 10 | 15 | 20 | 25 |

| Levels of Acceptance | |
|----------------------|------------------|
| 1-6 Low | = Acceptable |
| 7-10 Medium | = Monitor |
| 11-12 medium | = Re-evaluate |
| 13-25 High | = Not acceptable |