

Hello Jon,

I just wanted to drop off the answers to the questions you sent me a few weeks ago.

1. Is it an accessory use to Steps recovery facility?

Yes- In-patient and outpatient clients use the ropes course weekly throughout the year. *(Unless there's lightening or a blizzard)*

2. Is it a defined use current city ordinance?

3. What is the Code regarding construction and safety?

Our challenge course was built by C.L.A.S Ropes Course. They are certified by the Association for Challenge Course Technology. (A.C.C.T) I've attached a copy of our annual in inspection. In addition to myself, one other Steps Recovery staff employee has been trained at a Facilitator II Level, which means we are approved by A.C.C.T. to do quarterly inspections of the challenge course. Also all Steps Recovery staff members involved in any ropes course activities has been trained at a Facilitator I Level by A.C.C.T.

Regarding the assumption that the ropes course was only going to be used by Steps Recovery clients? When the challenge course was built the intention was for only Steps Recovery clients to use the course. But, since the challenge course was built there has been an outpouring of community interest. Schools, scouts, businesses, families and church groups have all inquired about using the facility. Over the summer we have overseen many groups (scouts, families, baseball teams, young men's and women's) enjoy the ropes course -free of charge.

In the future we would like to open the challenge course for the general public to use. It would be rented in 2-4 hour blocks of time. All staff would be fully trained and certified by A.C.C.T. I've attached some information on the C.L.A.S Ropes Course. They not only build courses throughout the county, they do the necessary Facilitator I and Facilitator II trainings.



C.L.A.S. ROPES COURSE

2014 INSPECTION REPORT FORM

Date of Inspection:	August 7, 2014	Inspector(s):	Adam West & Brycen Hale
Company/Site Name:	Steps Recovery	Contact:	Jason Webb
Address:	1000 W 800 S Payson, UT 84651	Phone:	801.400.9526

COURSE HISTORY AND OVERVIEW

Course Type: Low Course, Dynamic High Course, Hydraulic Zip Line

Last Inspected: August 2013

Built by: CLAS Ropes Course

Year Built: 2013

Modifications or additions:

- 2014: Mohawk guy wire anchors were reinforced

INSPECTION RATING SYSTEM

Pass: Element or obstacle meets all current A.C.C.T. construction standards.

Timely Repair: Element or obstacle does not meet A.C.C.T. standards but is safe for temporary use. Temporary use time line will be noted after each obstacle. If course operator uses obstacle after the timely deadline repair, they do so at their own risk and the risk of their participant.

Fail: Element or obstacle should not be used until proper repairs are made.

CONSTRUCTION AND INSPECTION STANDARDS

An annual inspection of all challenge activities is required by the Association for Challenge Course Technology. The A.C.C.T. is a professional group of builders and operators of challenges courses. The A.C.C.T. has written the most accepted construction standards available to date and these standards are currently accepted by the A.C.A., BSA, A.E.E., Insurance companies and most major builders in the country.

C.L.A.S. uses these construction guidelines along with all manufacture's recommendations. If a certain element or obstacle does not pass, C.L.A.S. will give a specific reason why.

This inspection is for technical rigging and hardware. All staff must be trained by a qualified professional for safely conducting and facilitating each specific event. This inspection is only a supplement to your quarterly internal inspections and maintenance. "An ongoing system of 'in-house' monitoring and documentation is also recommended in conjunction with the annual inspection" (ACCT Standards Fifth Edition; 2002).

Where possible, we have included references to the ACCT Standards as part of this inspection report, but ACCT Standards are not intended to be a builder's manual. There is much knowledge that is common to builders in the industry that are not included as part of the standards.

Warning:

This inspection report is not a guarantee of safety. Safety results from the combination of: using the proper equipment that is well maintained AND employing properly trained and competent facilitators that remain alert and use sound judgment. Facilitators must be able to adapt to the dynamic conditions that exist on a ropes course and in a sense, anticipate the unexpected. SAFETY is the number one priority.

LOW COURSE

Up n' Over Wall – *Pass*

- The Giant's Ladder is smashing into the side of the wall causing damage to both elements. Tie the ladder to the climbing tower when not in use.

Spider's Web – *Pass*

- Some of the paracord was repaired during the inspection.

Swinging Log – *Pass*

- Element meets standards.

Partner's Walk – *Pass*

- The foot cables are a little loose.

Trust Fall – *Pass*

- Elements meets standards.

Mohawk Walk – *Pass*

- Element meets standards.

Artesian Beams – *Pass*

- Western most stumps has a section that is broken and is pulling off, reattach with a grabber screw.
- The ends of the boards are beginning to round – monitor.

HIGH COURSE

Zip Line – *Fail*

- A fitting on the south hydraulic ram is broken and causing oil to leak out. There might also be an internal problem do to this.
- The system is only pressurized to 75 PSI, it should be between 85 and 95 PSI.
- The hydraulic oil is low.
- The manufacture requires that the zip line cable is replaced on an annual basis.
- The eye bolt at the top end of the zip line is parallel to the ground, it should be perpendicular. Because of this it has caused the eye bolt to bend slightly. The eye bolts should be checked every quarterly inspection.

Climbing Tower – *Pass*

- Element meets standards.

Giant Swing – *Pass*

- Very minimal wear on hardware.
- The nut on the ground bolt was barely on the bolt. Ensure that all nuts are checked during quarterly inspections.

High Partner Walk – *Pass*

- Element meets standards.

Multi Vines & Team Elevator – *Pass*

- Elements meet standards.

Monkey Bridge – *Pass*

- Element meets standards.

Space Loops and Leap of Faith – *Pass*

- Paracord was rehung during the inspection.
- Space Loops must be tied out of the way when operation the Leap of Faith.
- There are early signs of wear on the belay rapid link from both the SRD and cable pulley.

12 Step Bridge– *Pass*

- Element meets standards.

EQUIPMENT

Manufacture	Item	QTY	Grade	Comments
Rescue Bag				
New England	Prusik Cord	2	Pass	2013
Roberston	Adjustable Lanyards	1	Pass	12/2011
Liberty Mountain	Gold Series Steel Oval	1	Pass	
Kong	Rescue 8	1	Pass	
ABC	7/16" Static Rope	1	Pass	Orange – Rotate Knot Occasionally

Liberty Mountain	Steel Modified "D"	2	Pass	
Ropes				
New England	Glider	1	Fail	2013 – Green w/White 11 MM Only last 6' fail
Liberty Mountain	Viper	1	Pass	2013 – Red w/Green 10.5 MM
Beal	Wall Master	1	Pass	2013 – Purple w/Red 10.5 MM
Beal	Wall Master	1	Pass	2013 – Purple w/Grey 10.5 MM
New England	Glider	1	Pass	2013 – Green w/Blue 11 MM
Helmet				
Edelrid	Ultralight	4	Pass	4/12 Red – Monitor helmet with GoPro attachment
Edelrid	Ultralight	4	Pass	4/12 Turquoise
Harness				
Petzl	Ouistiti	1	Pass	2013
Petzl	Simba	1	Pass	2013
Edelweiss	Challenge Sit	12	Pass	2013
Singing Rock	Rope Dancer	1	Pass	1/10 XL – Must use waist belt
Singing Rock	Rope Dancer	1	Pass	4/10 XL – Must use waist belt
Singing Rock	Rope Dancer	1	Pass	1/10 ML – Must use waist belt
Singing Rock	Rope Dancer	1	Pass	8/11 ML – Must use waist belt
Hardware				
Petzl	GRIGRI 2	1	Pass	2013 Grey
Petzl	GRIGRI 2	1	Pass	2012 Grey
Petzl	GRIGRI 2	3	Pass	2013 Blue
ABC	ATC	4	Pass	Orange, Red, 2 Blue
Liberty Mountain	Classic Steel Oval	5	Pass	Screw Gate
Liberty Mountain	Steel Modified "D"	1	Pass	Auto Lock
Liberty Mountain	Steel Large "D"	1	Pass	Screw Gate
Black Diamond	RockLock Carabiner	1	Pass	Auto Lock Aluminum

RECOMMENDATIONS & OBSERVATIONS

Every nut on every pole bolt needs to be check and tightened until it fully compresses the double coil washer during each quarterly inspection.

There is very minimal surface rust on the cable pulleys and SRD.

Lumber is weathering extremely well.

Be sure to mark all equipment that is retired so no one will use it for life support.

- We recommend that staff periodically review the safety rules and standards outlined in your policies and procedures manual. This will offer a constant reminder on how to lead the activities safely.
- Each time an activity is used, there should be a pre-inspection. This is a simple check of the equipment that will be used for the activity. Check the activity area for debris or other hazards. Look at and feel your rope as you are putting it up. Do a weight test by pulling down on the system. An experienced facilitator learns how to anticipate and prevent dangers before they happen.
- Standards prohibit any participant or staff member from ascending staples in a pole without a proper belay system such as a rope. Connecting directly into the staples with lanyards or rabbit ears while climbing no longer meets standards. Any leading edge climber should never allow an attachment point to be lower than their waist. If they do not follow this rule, they must utilize a zorber or other load reducing device.
- ❖ Equipment (i.e. zipline trolley, pulleys, ladders, etc.) should be taken down at the end of the season or during extended periods of discontinued use. This will prevent misuse by unauthorized visitors and preserve the equipment from rust or other damage resulting from the weather.
- The rescue bag should be updated regularly and ready for use. A documented inspection should be completed for all climbing equipment that is needed for the activity before it is used. For example: Inspection of ropes should be conducted daily to look for abrasions, fraying, soft spots, wearing, etc. Knots should be untied after each use.
- A log should be kept showing when you have trainings, in-service and rescue practice.
- You must conduct a quarterly, documented inspection every three months. Every nut, bolt, pulley, cable etc. must be tightened or inspected. **Our annual inspection is only intended to provide quality assurance for your internal inspections.**

Please read the following life expectancy report. When you buy new harnesses, helmets, etc. make sure you write the year of purchase on the tag and in your equipment log.

LIFE EXPECTANCY OF EQUIPMENT

You should retire all challenge course equipment according to manufacture recommendations. Most metal equipment (carabiners, GRIGRI, ATC, etc.) has an unlimited life span but must be retired when they are worn, damaged, or not functioning properly.

Because of the nature of challenge courses, the equipment go through many cycles, depending on the number of these cycles it may be necessary to retire equipment at the end of each season. Proper care and use of the equipment will prolong its life.

A written log of the history of each rope used in the program must be kept, indicating

- (1) The date the rope was purchased,
- (2) The date the rope was placed in service, and
- (3) Any environmental, severe, or unusual stresses that were placed on the rope.

Each rope must be uniquely marked and permanently identified. All webbing must be marked with the date of purchase. All cordage (climbing ropes, accessory cord, and webbing) must be retired according to the manufacturer's recommendations or when condition warrant.

Each manufacture has a specific max life for their textile and metallic products. These should be documented on each course for the specific equipment that is used.