



EUROBUNGY –TRAMPOLINE

STANDARD OPERATING PROCEDURE

EUROBUNGY

Standard Operating Procedures

THIS MANUAL WAS DESIGNED TO COMPLY WITH:

ASTM

American Society for Testing and Materials
F770-93, Standard Practice for Operation Procedures for Amusement Rides and Devices
Section 4, Owner/Operators Responsibility.

TUEV Germany

Technischer Ueberwachungsverein
Deutschland/Germany

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Policy: Standard Operating Procedures Manual	Approved: Peter Raidt	

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1. INTRODUCTION

a. PURPOSE

The purpose of this manual is to explain the guidelines by which the operator must operate this attraction. It is an important and informative part of the training program. The goal of the manual is to help you become an efficient, knowledgeable, and well-trained operator.

It is important that you read your operator's manual carefully and follow these rules in performing your job. Never deviate from the standard operating procedures outlined in this manual without approval. If procedures or instructional material seem unclear, please feel free to ask questions at any time during your training. Remember to always be thinking **SAFETY** while operating EUROBUNGY-TRAMPOLINE.

This manual has been designed to help you understand this attraction. It is not, however, a substitute for the in-depth, on location training you will receive. Rather, it has been designed as a training supplement and should be used as such.

Copies of this manual are kept on location. Operators are encouraged to access the manual at any time to seek information or clarification.

b. GENERAL ATTRACTION INFORMATION:

Manufactured by the company called EUROBUNGY, EUROBUNGY-TRAMPOLINE is the latest in revenue generating interactive sports products designed for the amusement, entertainment, and fitness industries. This attraction is based on a simple trampoline with the added feature of a system of elastics that permit riders (jumpers) to make unusually high, stable jumps in a safe setting.

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c. GENERAL SAFETY

We are dedicated to providing our guests with a safe and enjoyable day when they go on a EUROBUNGY ride and we must all work together to fulfill that goal. Safety is engineered into your area but there is no substitute for alertness on your part: your every action and movement must reflect this reality. Look and listen for changes in your every environment, which might indicate a problem. If you think that there is something wrong or unsafe, do not hesitate to stop the operation and contact your supervisor and maintenance immediately. We are always striving to improve our safety program. If you ever have any suggestions, please let us know. At no time should you as a team member sacrifice safety for any reason.

It is, and always has been, the policy EUROBUNGY that SAFETY COMES FIRST. As a Operator/Owner it is your responsibility to oversee the operation of the attraction and prevent and/or take action to prevent those situations that could constitute a safety problem.

To assist you in this responsibility, you will be trained in all operational aspects of the attraction, as well as being tested to ensure that the proper knowledge has been transmitted and retrained. As an operator, you will become familiar with the attraction; noises, procedures, nuances, and any changes in its operation or surroundings will be quite apparent to you. Notify your supervisor should you notice a change in the way the attraction operates, or if you receive a comment from our guests. All questions and concerns regarding a safe operation MUST be checked out, verified and/or corrected immediately.

Safety is an issue that this company will not compromise; it is an issue that needs to be one of the foremost thoughts on the minds of each and every operator's mind.

2. Maintenance Procedures for the EUROBUNGY-TRAMPOLINE

The EUROBUNGY-TRAMPOLINE consists of basically a structure what holds pulleys on the top and a hoist-drive what lifts a human up, using the upper pulleys on the structure.

A Carabiner is hooked into the loop end of the hoist rope.

A pulley, what we call the "Hoist Pulley" is hooked into the carabiner. Several models have a stainless steel swivel in between carabiner & Pulley.

A Jumper rope with two LOOP-Ends goes thru the Hoist-Pulley !

The Jumper-Rope goes through four pulleys which are anchored along the structure.

The Upper Pulleys should be anchored thru a stainless steel swivel at the structure.

The Loop Ends of the Jumper Ropes are directly hooked at one Alu-Carabiner each which hooks each into the elastics.

At the other end, the bottom part of the elastics, you hook in another Alu-Carabiner coming from the harness-swivel into the elastics.

The elastics are hooked into an aluminum Carabiner which is hooked into the eye of the EB ring-jaw swivel which gets connected into the leash of the harness

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Maintenance at the EUROBUNGY-TRAMPOLINE requires

a. Carabiner & Turnbuckles

It is important to lubricate (W40) the carabiners locks and the cables turnbuckles to keep them easy to open.

b. Elastics

Loops should be stored in bags filled with Talcum to keep them smooth & dry and extend their lifetime.

Powercords & Loops have to be stored in a place where they can not be kinked or hurt anyhow. The best is any kind of box.

Important is to change the position where the Loops are touching the Alu-carabiners every now and then.

c. Hoist

Once a year you should open the case, clean it and re grease the gearbox. You can also send the motors in and EUROBUNGY can do the service for you.

d. Static Jumper Rope and Hoist Rope

During times the Ride is not set up, the Rope must be stored in a place where they can not be kinked any how! The jumper rope and winch rope comes normally with sewn Loop ends. Nevertheless, a regular knot is just as good and can be used of sewn Loop ends are not available.

e. Steel-Cables

Steel-Cables must not be maintained but in case that the Ride is taken down, they must be stored in a place and manor where they can not be kinked or hurt any how.

3. Replacement of Spare parts and Intervals

Whenever any part shows significant signs off wear and tear they must be replaced !
Without showing signs off wear and tear, they must be replaced according following schedule:

Part	Interval
Alu Carabiner	24 months
Alu-Swivels	24 months
Harnesses	24 months
Jumper Ropes	12 months
LOOPS – Elastics	12 months
Powercords - Elastics	12 months
Pulleys	36 months
Stainless Steel Swivels	36 months
Steel-Cables	36 months
Steel-Carabiner	36 months
Trampolines	-
Hoist	As long as the brakes are maintained and in working conditions
Hoist Ropes	12 months

Tip !

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Keep always a copy of your last Purchase Receipt close with the Rides Documents, so you have a proof for the Inspectors of the last change of your Spare Parts

4. GENERAL SAFETY PROCEDURES AND RULES

- a. The supervisor must be notified immediately of any mechanical, electrical, safety, or guest problems that occur.
- b. If there is any doubt about the safety conditions of the attraction, the supervisor should be informed of the condition immediately.
- c. Operators must maintain constant observation of the attraction area, being constantly alert of their surroundings and of guest and employee safety. Operators must attempt to prevent any actions that may result in an accident that causes a guest or employee injury.
- d. Operators are never to leave their work positions unattended unless they have been properly relieved. In addition, operators may not sit down at any work position.
- e. The rider policies in this manual are to be enforced at all times.
- f. Operators and supervisors must continuously monitor the rope assembly to ensure it is running smoothly and freely through the pulleys and the hoist. Should the ropes become entangled, worn or damaged discontinue their use. Take corrective action before allowing anyone else to ride.
- g. Operators must always monitor the height of the jumper's bounce, making sure there is always enough clearance.
- h. Operators must also monitor the jumper's position on the trampoline and their approximation to the support cables of the attraction. Do not let the jumper bounce too far away from the center of the trampoline. Always ensure a minimum of 3 feet of clearance for the jumper.
- i. Horseplay and unsafe behavior will not be tolerated and will be cause for termination.
- j. Do not allow any unauthorized person to be near the hoist or trampolines.
- k. The park phone is to be used only in an emergency or a business-related situation.
- l. Any attempt to override safety systems and equipment is grounds for disciplinary action.
- m. The Cashier should watch the queue line area to ensure guests are not climbing or sitting on the fences or handrails or involved in unsafe activities.

Operators may ride while in costume only when specifically authorized by a supervisor or as necessary to perform job duties. While riding, operators must use all safety restraints used by guests and follow all rider policies listed in this manual. Any violation of this policy is grounds for immediate termination.

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5. RIDER POLICIES

Before riding please read and follow these rules!

EUROBUNGY-TRAMPOLINE is a physically demanding high active sport activity.

Attention all guests: Read Important Safety Information and follow the instructions of the Attendants at all times.

- You must weigh between 20 and 200 pounds to jump.
- Jumpers must be in excellent physical condition to jump.
- All jumpers must be able to properly utilize all safety restraint devices.
- Due to the restraining device on this attraction, certain bodily proportions may prohibit participation.
- Please remove all jewelry before jumping.
- As soon as swinging movements occur, stop jumping immediately.
- Only vertical movements are allowed.
- Do NOT land with head or shoulders on the trampoline.
- No hard soled shoes or heels allowed.
- Operators are not responsible for lost or damaged items left or brought into the area.
- No Smoking, Drinking or Eating inside the "EUROBUNGY-TRAMPOLINE" area.
- Parents are responsible for their children.
- No Summersaults for Jumper 20 years of age or above.
- Jump at your own risk!

The following persons should not jump on the EUROBUNGY-TRAMPOLINE

Persons who

- are under the influence of drugs or alcohol
- have pre-injured tendons
- have had fractures, in particular to the shoulder or arm area
- are pregnant
- have any form of physical or medical problems or who are generally unsure about their state of health
- have a significant physical ailment or condition
- have had a back, neck or any other type of skeletal or muscular problem or pre-injury
- have high blood pressure, heart trouble, motion sickness, or nervous disorders
- are over average weightlifters

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6. CASHIERS

1. Cashier must be alert to the guests in the area and be prepared to serve them as quickly and professionally as possible.
2. Cashiers are responsible for encouraging sales and completing sales properly.
3. Cashiers will provide excellent Guest Service by meeting and greeting guests using guest service guidelines.
4. Cashiers may also be responsible for weighing guests and directing jumpers to the appropriate jump station for their weight.
5. Cashiers are initially responsible for ensuring that all riders meet the rider policies.
6. Cashiers must also pay attention to the area around the attraction, making sure that non-jumpers are not inside the attraction and that the guests waiting to jump are safe as well.

7. OPERATORS

1. The Operator must have been trained according this Manual.
2. The Owner/Operators may deny entry to the EUROBUNGY to any person, if in the opinion of the owner/operator the entry may cause above normal exposure to risk of discomfort or injury to the person who desires to enter or if in the opinion of the owner/operator the entry may jeopardize the safety of other patrons or employees.
3. Operators will carry out all of the duties of the Cashier.
4. Operators will encourage people to participate, harness guests, provide excellent guest service and operate the attraction safety systems.
5. Operators will work in compliance with the Health and Safety regulations and will follow and obey the guidelines set forth in the policy manuals
6. Operators will follow and obey the policies of the park.
7. Operators will report to the employer or supervisor any problem with the equipment that may endanger employees or guests.
8. Operators will report injury or illness immediately.
9. Operators will help new employees recognize job hazards and follow proper procedures.
10. Operators will provide excellent guest service by adhering to the Limited Contact Policy by encouraging the guests that are jumping, and by providing jumpers with helpful directions and hints.

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11. Operators will safely process guests following the harnessing, loading, jumping, and unloading operating procedures.
12. Operators will also perform other duties such as opening and closing procedures and maintaining site cleanliness of operations and surrounding area
13. Operators must ensure that the correct combination of elastic Powercords is utilized for the weight of each jumper.
14. Operators must monitor the jumper to ensure they are jumping safely and that they are not too high or too low in relation to the trampoline, and make adjustments and coach the jumper as needed.
15. Operators may never circumvent any procedure or piece of safety equipment beyond the usage descriptions herein.
16. If unsure of a procedure, the operator must be sure to ask the supervisor. DO NOT GUESS!
15. The Operator must have been trained according this Manual.

8. EUROBUNGY-TRAMPOLINE ELEMENTS

1. HARNESES

The EUROBUNGY-HARNESS is the actual link, the restraint system, between the jumper and the "EUROBUNGY-TRAMPOLINE", as it straps the jumper to the elastics system. To safely utilize the "EUROBUNGY-TRAMPOLINE", both the jumper and the instructor need to fully understand proper harness fitting, adjusting, and positioning techniques. There are 2 sizes of harnesses:

HA 008 harness small (10lbs-100lbs)
HA 009 harness large (90lbs-200lbs)

The jumper should be fitted in a tight-fitting harness;
the jumper should wear the smallest size he/she fits.
Getting a proper size is very important for both safety and comfort.

SHOULD THE CIRCUMFERENCE OF THE JUMPER'S HIPS BE TOO SMALL TO ALLOW THE COMPLETE TIGHTENING OF THE HARNESS WAIST-STRAP IN A SECURE MANNER, DO NOT USE THE "EUROBUNGY-TRAMPOLINE". FAILURE TO MAINTAIN A SECURE WAIST WITHIN THE HARNESS WILL RESULT IN AN UNSAFE SITUATION.

The following is proper harness fitting procedure:

- The jumper stands next to the trampoline
- The harness strap in the back has to be adjusted to fit the jumper

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- The proper amount of elastics fitting the jumpers weight have to be connected . The leftovers hang down on the Carabiners which connect the jumper rope to the elastics
- The jumper is to stand up in front of the harness.
- Place the top strap above the hips of the jumper. This strap is to sit low on the waist of the jumper as possible.
- Close the buckle by putting one end into the other end of the buckle (like in a car seat), make sure the mechanism "locked".
- Tighten the strap around the hip, don't tighten too much, check the jumper feels comfortable.
- The carabiners (safe snap links) should be on the outside and above the hips of the jumper.
- If you cannot close the strap completely, use a smaller harness or open the strap in the back
- Put the leg straps around the legs. A rough general adjustment of these straps should occur before feeding the strap in between the legs of the jumper.
- Close the buckle and make sure it's locked.
- Tighten the strap around the leg and check the jumpers' comfort.
- Assure that the leashes where the elastics are hanging into are right on the sides of the hips ! If they are not positioned right and left, readjust the harness.

**If the jumper does not fit in any of the harnesses,
do not use the EUROBUNGY-TRAMPOLINE !!**

The harness should fit the jumper tightly, but not so tightly that it is uncomfortable. The harness straps should rest comfortably at the top of the thighs and around the buttocks. Make sure that the clothing of the jumper is not bunched or gathered beneath the straps.

The instructor should ask the jumper how the harness feels and make sure that the jumper is comfortable and confident in the harness.

The jumper should be told to voice any concerns with the harness and or his/her comfort at ANY time during their time on the "EUROBUNGY-TRAMPOLINE". Should the harness become uncomfortable for the jumper during their time, instruct the jumper to stop their movement and lower the hoist down so the instructor can fix the harness.

During any time working on the harness, the instructor is to be aware of keeping his or her hands clear of the jumper's genital area.

HARNES MAINTENANCE & STORAGE

- Don't use warmer water than 30 degrees Celsius for cleaning. Use regular laundry soap and clear water to wash it out
- Neither store the harnesses in the direct sun light nor use the direct sun light to dry wet harnesses. Use a fan or well air circulated area for storage and drying process
- Don't use any sharp tools to use with the harness
- Max temperature are 40 below and 80 above zero Degrees Celsius

Important Notice: specific training is essential before use

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2. HOIST

The hoists run on 110 or 220Volts. When the hoist is in use, double check that all ropes are untangled and moving freely; this should be monitored constantly. Make sure that the hoist and the hoist rope attached to it are in good working order. Never pull up with the hoist when the knot or stitch on the jump rope end is closer than 2 inches to the pulley on the top pole. Stop lowering motion of the hoist before the cable is loose. The operator should use the hoist to help the jumper achieve the highest possible jump. Pull up the hoist while the jumper is in the upward motion. Do this with extreme care and caution. Ideally, the jumper should never go deeper than 4 to 6 inches into the trampoline. Always monitor the rope of the hoist for tautness and that it is entering the hoist from the top. Finally, do not allow any uncertified or unauthorized person to operate the hoist controls or be near the hoist at any time.

In case of Power-failure grab the jumpers harness at the two carabiners at each side.. have a second person unhook the elastics one by one.

Adjusting the limit switch.

New models have a limit switch disc. Connect the one of the thinnest elastic one each side of the harness and pull it all the way up. When the end of the jumper rope pulls into the upper pulley (on both sides) , that's where the limit disc should hit the limit switch and push it down. Tight the Screws in the disc so it can not travel along the winch rope or if it is a new Limit Disk without any screws, just use two zip-ties on each side of the disc to fix its location.

This avoids that any operator can pull the rope too far up !

ATTENTION

Some Operators do lower down the Hoist too far and then keep on pushing the "DOWN" button but actually are pulling the jumper up. The winch ropes winds up reverse and once the limit disc hits the limit switch, it does not work (it only works in one way) and the result is a breaking off the alu-cast socket of the limit switch.

If it happens you have to connect both cables going to the limit switch in order to keep on operation. Nevertheless, this is only a temporary solution for repair.

3. ELASTICS (POWERCORDS) & LOOPS

The elastics are the fundamental element of the EUROBUNGY-TRAMPOLINE The elastics, in conjunction with the harness, connect the jumper to the frame of the attraction and it is the elastics system that allows the jumper to reach such incredible heights while simultaneously providing the stability for acrobatic movement. This elastic system allows for the various weight ranges of the jumpers, which must be between 20 and 200 pounds. The elastics should be monitored constantly for signs of wear and tear. Should a Powercord break or look worn, replace immediately . The elastics should be inspected daily and replaced as required for optimal use and safety. If at anytime the interior cords are visible through the protective sheath of the Powercord the cord must be retired. The supervisor/manager will keep a log of Powercord installation dates (See Appendix A) to ensure proper replacement as scheduled. Only use elastics supplied by EuroBungy; do not use any other elastic system. Failure to do so will void the warranty and

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create an unsafe situation. Be sure to store the elastics in a cool dry place. Should the elastics get wet, dry them completely before using them again. Make sure that all carabiners are in closed position and tightly secured before each use. Never use less than 2 elastics per side of the harness. Do not allow the elastics to become entangled. LOOPS made out of Latex should be stored in a bag or box with Talcum or treated with Silicon Spray to extend the lifespan as much as possible.

CHANGE IN CONFIGURATION

In April 2005 we did a change in the configuration of harness, carabiner, elastics, swivels and jumper rope.

So far the configuration was as following:

Harness – carabiner – elastics – carabiner – swivel – jumper rope

Now we recommend the following

Harness – swivel – carabiner – elastics – carabiner – jumper rope

Why do we do so ?

We found out that most of our customer let the elastics which they do not use, hanging onto the top carabiner where you connect it to swivel & the jumper rope. But with these elastics hanging there, the swivel does not swivel and all the elastics get tangled up !

Therefore we designed a new swivel which you can hook in directly into the harness and since we have the new wide range harnesses, there is not tangling of elastics anymore and the operators is saving valuable time during the operation !

WEIGHT RANGE TABLE

The following table shows how many elastic loops should be utilized per side of the harness with the various weights:

There are two different diameters. Thin & thick. Never put less than two elastics at each side of the hips.

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Weight Range for our elastics.

This table sheets are only showing directions. With the aging of the elastics they lose bounce and you might have to increase the number of elastics. Also the capability of the jumper increases or decreases the numbers of elastics you have to put on.

LOOPS

You have 10lbs, 20lbs and 40lbs elastics we call them A,B,C

Body Weight of Jumper in Pounds

Number of Elastic to be
attached to Each Side
of the Harness

Pound	Elastic Loops for regular Jumper
20	2 A
30	1A 2B
40	2B
50	2B1A
60	3B
70	3B1A
80	2B1C
90	2C1A
100	2C1B
110	1A1B2C
120	2B2C
130	A12B2C
140	1B3C
150	1A1B3C
160	4C
170	1A4C
180	1B4C
190	1A1B4C
200	5C

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POWERCORDS (fabric sheeted Bungee Cords)

The new POWERCORD elastics are different from before..

You have 20lbs and 40lbs elastics we call them B,C

Pound	Elastic Powercords for regular Jumper
40 and below	2B
50	2B
60	3B
70	3B
80	2C
90	2C
100	2C1B
110	3C
120	3C
130	3C1B
140	3C1B
150	4C
160	4C
170	4C1B
180	4C1B
190	5C
200	5C

A copy of this chart should always be posted at each trampoline for quick reference. This chart is meant to be a rough orientation. The number of elastics needed vary greatly with the individual abilities of the jumper. This effect becomes more pronounced at the upper end of the weight scale as it goes almost unnoticed at the lower weight classes.

- Use the higher number of elastics if jumper is on upper end of weight range and/or if jumper is very dynamic and athletic.
- Never use any elastic that show signs of wear and tear.
- Always replace elastics with Eurobungy elastics; failure to do so will nullify your warranty..
- A jumper who is unable to refrain from swinging back and forth during the jump is attached to the incorrect number of elastics. Refer to the Safety Aspects and Troubleshooting Section in the Training Manual.

!!!! we recommend to use generally 10lbs less. Most of the jumpers are not that trained in jumping and have rather to few than too many of the elastics.

Too many elastics causes SWINGING.

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How to repair the Loops when they snap.

The Loops are a natural product and therefore unpredictable sometimes in snapping. Nevertheless you can tie them up without any problem. Here is how:

Tape knot (or Water knot)

The pictures are showing a webbing, it is the same with the elastics. After doing the knot, spray some water on it before tying it!

Also take each end of the elastic into one hand. Then twist one elastics's tail end 10 times before knotting it!

The tape knot, as its name suggests, is used to tie the ends of tape (webbing) together, usually into a loop for an anchor.

It is actually just an overhand bend tied in tape, but rarely known as such.

Note that [tape knots can fail under cyclic loading/unloading](#), so you should make sure that the knot has sufficient tails (20 cm/8 inches) if you have a number of people abseiling off the anchor. You should also check carefully if you are using an anchor set by another party, as the margin of safety may have diminished.



Start by tying an overhand knot in one piece of tape, making sure not to introduce any twists.



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Starting from the free end, retrace the original knot with the second piece of tape.



Continue retracing...



...until you have retraced the entire knot.



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Pull tight and set the knot



4. Frame

The aluminum frame and revolutionary design is what makes the EUROBUNG-TRAMPOLINES unique. With this incredible layout, depending of the model, up to 5 jumpers can experience the fun at the same time. Make sure that the frame is clean and dry while operating. Be sure to secure all cables and bolts properly, see the construction manual for instructions.

All binding units and connection points should be completely closed and secure and should be monitored throughout usage.

All ropes connected to the frame should be straight and able to move freely through the pulleys. Stop the operation immediately if any of the mentioned criteria is in malfunction!

5. SUSPENSIONS – TRAMPOLINES

The suspensions are the elements of the "EUROBUNGY-TRAMPOLINE" that allow the jumper to rebound and gain momentum by providing a bouncy cushion. Minimum Size should be 7' wide and 10' length.

There are two types of suspensions: air trampolines for temporary use and steel frame trampolines for permanent use. Once the jumper is standing safe on the trampoline, attach the harness immediately like described above and then pull the hoist up slightly at first to ensure the jumper does not fall off of the trampoline. Make sure that the jumper is always connected to tightened elastics while on the trampoline.

The instructor should not allow any horse-play on the trampolines.

The Instructor should not be allowed to stand onto the trampoline.

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Steel/Alu Trampolines

Always make sure that the springs of the steel/alu framed trampolines are covered with the soft protector to prevent any injuries.

The suspension system is half of the fun in using the "EUROBUNGY-TRAMPOLINE" but the jumper needs to be very careful on it as well. This means that the instructor needs to always be aware of the jumper and his/her placement on the trampoline. The jumper should try to stay in the center of the trampoline for maximum stability and height.

The instructor should not allow anyone else besides the jumper on the trampoline while the "EUROBUNGY-TRAMPOLINE" is in use. Always make sure that the jumper enters the steel trampoline using the access steps. These Steps should always be checked about their correct and safe positioning.

Wind

Air Tramps

In hot weather the air tramps has to be deflated to avoid any leaking of the sealed unions. To test if there is enough air inside the trampoline tubes, jump on the canvas without elastics and if you do not hit the floor, it's tight enough. To test not having too much air in the tubes, press lightly against the PVC material. If you can not bump in at least 2", release some air.

Banners

If your EUROBUNGY is equipped with banners please read this chapter.

The banners do not resist to big thunderstorms. In case of heavy weather conditions they can be destroyed by the wind. The construction itself is proofed for 75mph, the banners up to 45mph.

You may not operate the EUROBUNGY with winds exceeding 45mph.

On the new EUROBUNGY model 2005, the banners can be taken off with the short 130.5" long cables.

6. Fence

The EUROBUNGY can be fenced in.

During Non-Operation and Operation Hours to prevent unauthorized access.

9. PERFORMING A SAFETY CHECK

The supervisor opening the attraction in the morning will conduct a Maintenance inspection. All operating equipment and EUROBUNGY-TRAMPOLINE systems are inspected on a daily basis prior to operations. There is no exception to this rule. Supervisors must complete the inspection on the EUROBUNGY-TRAMPOLINE systems. Any problems encountered must be reported to supervision and park maintenance personnel if necessary immediately before the inspection is completed.

It is imperative that every harness, karabiner, and all other operating equipment is inspected. Supervisors will use the Daily Inspection form to record their inspection. Once the equipment has been inspected and verified, the supervisor should complete the Daily Inspection Form.

- Check steel frame trampolines for security and be sure soft protectors cover springs

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- Check inflatable trampolines for leaks and check it for holes on the trampoline bed/fabric
- Check all four anchor points of each EUROBUNGY-TRAMPOLINE structure, ensuring that the aluminum tubes are properly attached to the small floor plates
- Check all four upright tubes on each structure, ensuring that the dolphin mullets are properly secured by their pins and safety clips
- Check all steel cables and turnbuckles to ensure that they are properly tightened and in proper operating condition
- Check all safety pins clips on both the small tubes and the center cross
- Check all karabiners for unusual wear. Be sure they open and close properly.
- Visual check all the return pulleys, swivel points, ensuring that the pulleys work properly with no excessive wear, the swivels work properly, and they swivels have their safety pins in
- Check the hoist and its rope thoroughly. Check the ropes for excessive wear on the sheath; check the knots on each connection point, and check the rope connection to the hoist. Finally check and ensure that the hoist pulls in and lets out the rope properly
- Check the setup of the guest harness and hoist system. Each karabiner should be checked and ensured that it is in the locked position. Check that all spinning pulleys are working properly. Check the center return pulley that is attached to the hoist rope to ensure that it works properly and there isn't any excessive wear.
- Check all elastics for wear and tear – replace if necessary
- Check bolts and nuts from the platform. Are the bolts which hold the Hoist tight ?

Any condition or observation, which, in your opinion, may affect the safe and efficient operation of this attraction, must be reported to your supervisor before opening to the public.

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10. Glossary

Several terms will be used in this manual. The following should serve as a guide in helping you to adequately understand this manual. If anything is unclear however, never hesitate to ask your team leader or supervisor.

Bungy – long, flexible elastic cords that are attached to a jumper’s harness and the EUROBUNGY-TRAMPOLINE structure. Also known as elastics/LOOPS or Powercords.

Locking Karabiner (snap link) – loop with movable and lockable segment used to attach elastics to harness and EUROBUNGY-TRAMPOLINE structure.

Cashier – trained and certified staff member responsible only for selling tickets and weighing participants. Cashiers may not secure or jumpers or operate a jump station.

Elastics – see “Bungy.”

Harness – system of straps that secure jumper to the elastics and the EUROBUNGY-TRAMPOLINE apparatus. System consists of a main waist strap and two leg straps. Straps are adjustable and lockable.

Jumper – person participating in EUROBUNGY-TRAMPOLINE attraction.

Jump Station – one of the four jumper’s positions on the attraction.

Operator – trained and certified staff member responsible for securing jumpers and operating jump stations. Operators may also serve as attraction cashiers.

Powercords – an advanced type of bungy cord.

Hoist/hoist – mechanical device for moving ropes that raise or lower the jumper.

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Rules and Restrictions

All operators must be at least 16 years of age and act in a mature and responsible manner. The operator is responsible for ensuring that the riders have an enjoyable and safe experience. Follow these guidelines to be an efficient and safe operator. The Product Type Plate will state how many riders are allowed to attend on the particular EUROBUNGY. One Trampoline is limited to one jumper.

- **Safety:** Regard safety as non-negotiable and remember it is the highest priority of the job. Safety is first, last and always.
- **Certification:** Every operator must be certified for his or her designated attraction by a supervisor. The purpose of the certification is to verify that an operator has completed all necessary training required to operate the attraction. The certification procedures are outlined in detail in the EUROBUNGY Training Handbook, and must be followed accordingly. If an operator is not certified for his or her assigned location, he will not be allowed to operate the location.
- **Restricted areas:** At no time will any employee enter any fenced off track/ride area while a ride is operating, or while a non-operational location is not fully "locked out"
- **Limited Contact Policy:** The limited contact policy is in place to prevent you from having unnecessary contact with guests. By following these rules you will protect yourself and the guest from any unwanted or unnecessary touching.
 1. Do not tuck guest's clothing into the harness.
 2. Do not adjust any twists in the harness leg loops.
 3. Do not pull up or down to verify the fit of the harness.
- **Signage Location & Content:**
Before riding please read and follow these rules!

Before riding please read and follow these rules!

EUROBUNGY-TRAMPOLINE is a physically demanding high active sport activity.

Attention all guests: Read Important Safety Information and follow the instructions of the Attendants at all times.

- You must weigh between 20 and 200 pounds to jump.
- Jumpers must be in excellent physical condition to jump.
- All jumpers must be able to properly utilize all safety restraint devices.
- Due to the restraining device on this attraction, certain bodily proportions may prohibit participation.
- Please remove all jewelry before jumping.
- As soon as swinging movements occur, stop jumping immediately.
- Only vertical movements are allowed.
- Do NOT land with head or shoulders on the trampoline.
- No hard soled shoes or heels allowed.
- Operators are not responsible for lost or damaged items left or brought into the area.
- No Smoking, Drinking or Eating inside the "EUROBUNGY-TRAMPOLINE" area.

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- Parents are responsible for their children.
- No Summersaults for Jumper 20 years of age or above.
- Jump at your own risk!

The following persons should not jump on the EUROBUNGY-TRAMPOLINE

Persons who

- are under the influence of drugs or alcohol
- have pre-injured tendons
- have had fractures, in particular to the shoulder or arm area
- are pregnant
- have any form of physical or medical problems or who are generally unsure about their state of health
- have a significant physical ailment or condition
- have had a back, neck or any other type of skeletal or muscular problem or pre-injury
- have high blood pressure, heart trouble, motion sickness, or nervous disorders
- are over average weightlifters

Pre-Opening Procedures

Elastic Log: The manager/supervisor must maintain an accurate Elastic Log, listing install dates of the Powercords/LOOPS.

Daily Inspection Log: A supervisor must complete a Daily Inspection Log at the beginning of each day.

The Elastic Log is located in Appendix A at the end of this manual and The Daily Inspection Log is located in Appendix B. If any checklist element in a jump station fails on the daily Inspection Log, that jump station must not operate without authorization. **DO NOT RUN THE ATTRACTION.**

Other Pre-Opening Procedures:

PRE-START-UP PROCEDURES:

- A. Assure that all parts used for the EUROUBNGY are origin parts supplied by EUROBUNGY or procured from EUROBUNGY of the EUROBUNGY-TRAMPOLIN, using the appropriate manufacturer supplied identifying nomenclature or procured or produced using specifications derived from sufficient analysis to ensure parts of equivalent functions and quality, to those provided by EUROBUNGY and in accordance with Practice F 1193 (ASTM)
- B. Normally, the crew will arrive before EUROBUNGY-TRAMPOLINE is scheduled to open.
- C. All guest accessible/viewable areas of the attraction and queue line must be clean, dry, and presentable before the attraction is opened to the public.

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OPERATION

OPENING PROCEDURES

1. Complete pre-opening cleaning duties.
2. Uncover and plug in control box for hoist.
3. The supervisor will assign operators to assist in the set-up of equipment at operating stations as outlined.
4. The supervisor will decide how to pre-set the elastics and harnesses in each in each jump station to accommodate different weight classes.
5. The Supervisor will complete the Daily Inspection form before permitting anyone to ride.
6. The Operator must complete one cycle of the complete Jumping procedure of each jumping-station (this means each trampoline) before opening the ride to the public.

OPERATING POSITIONS:

A minimum of 1 person is required to operate the EUROBUNGY-TRAMPOLINE. With all additional positions staffed, up to 4 people (plus one cashier) may be assigned to operate the attraction simultaneously. The following is a list of those positions, and the general duties of each.

CASHIER POSITION

If a separate cashier is utilized, this person will stand in the area next to the cash register, near the entrance gate on the attraction.

1. When a Guest approaches the attraction, greet them and ask if they are interested in trying the attraction.
2. Determines if the potential jumper meets all rider requirements.
3. If the guest meets the rider requirements, sell the jumper a ticket, either a single ride ticket or a double-time ticket.
4. Have the Guest queue up outside of the entrance gate.
5. As space permits, open the entrance gate to allow jumpers into the attraction area.
6. Explain to the guest (jumper) that their weight determines the Powercord straps we will be using.
7. Weigh jumper, making sure to get an accurate reading. Tell the jumper what his or her weight is.
8. Determine which jump station the jumper should go to according to their weight.

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9. Tell jumpers:
 - To wait for direction from the operator before going onto the trampolines
 - That they must use stairs only to access trampolines
 - To listen carefully and obey everything the operator is going to tell them
 - To enjoy the ride
10. Maintain an awareness of the area and make sure that non-jumpers are never allowed inside the attraction area.
11. Keep cashier area clean throughout the day.
12. DO NOT assist jumpers with getting into harnesses until you are properly trained and certified as an operator.

OPERATOR

This position must be staffed at all times by a certified EUROBUNGY-TRAMPOLINE operator who will assist guests into the harnesses, load them onto the attraction, operate the hoist, monitor the jumper and make necessary adjustments, and finally unload the jumper.

A EUROBUNGY-TRAMPOLINE requires minimum one Operator for two Trampolines !

HARNESSING THE JUMPER

1. Ask the jumper what their measured weight is and make sure they fall within the weight restrictions.
2. Ensure the guest is at the correct jump station for his or her weight class or adjust elastic combinations as required. If you have to add on or hook off elastics, do that before the jumpers steps on to the trampoline.
3. Once the trampoline is cleared of the last jumper, attach the elastics and the harness according to the weight range table. Pay close attention - the incorrect number of elastics could lead to a potentially unsafe situation and a too tight harness can cause pain.
4. The jumper first in line steps onto the trampoline using the access steps only.
5. When giving instructions to jumpers, use their first name to make them comfortable and to offer encouragement.
6. The jumper is to grab the free harness and approach the operator, who is standing in front of the trampoline.
7. While fitting the harness to the jumper (and at all other times), always adhere to the Limited Contact Policy:
 - Do not tuck guest's clothing into the harness.
 - Do not adjust any twists in the harness leg loops.
 - Do not pull up or down to verify the fit of the harness.
8. Secure the jumper's harness
 - a) Have the jumper stand in front of the harness.
 - b) Place the top strap above the hips of the jumper.
 - c) Close the buckle by putting one end into the other end of the buckle (like in a car seat),

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- making sure the mechanism "locks".
- d) Tighten the strap around the hip and verify the jumper feels comfortable.
 - e) The carabiner should be on the outside and above the hips of the jumper.
 - f) If you cannot close the strap completely, try to adjust with the buckle in the back or use a smaller harness
 - g) Put the leg straps around the legs.
 - h) Close the buckle and make sure it's locked. It will click into place. Pull on the strap to ensure it is secure.
 - i) Tighten the strap around the leg, lock the buckle, and check that it is secure and that the jumper is comfortable. If the jumper does not fit in any of the harnesses, do not operate attraction.
9. The harness should fit the jumper tightly, but not so tightly that it is uncomfortable.
10. The harness straps should rest comfortably at the top of the thighs and around the buttocks.
11. Make sure that the clothing of the jumper is not bunched or gathered beneath the straps. Ask the jumper to adjust his or her clothing if necessary.
12. Ask the jumper how the harness feels and make sure that the jumper is comfortable and confident in the harness.
13. Ask the jumper to voice any concerns with the harness and/or his or her comfort at anytime during time on the attraction. Should the harness become uncomfortable for the jumper during their time, instruct the jumper to stop their movement and lower the hoist down so the operator can adjust the harness.

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LOADING

1. Direct the jumper to the center of the trampoline – and ask him or her to hold on to the elastics tightly but comfortably. Instruct the jumper not to attempt any somersaults until advised.
2. Ensure that the jumper refrains from jumping until the elastics are tensed.

JUMPING

1. Visually double-check that the jumper is secure before operating the hoist.
2. Press the UP button on the hoist control to raise the jumper.
3. As soon as the elastics are tensing, tell the jumper to start jumping as hard as he or she can, all the while pulling on the elastics during the upward motion to maximize height. Do not permit the jumper to do somersaults until an optimum height is achieved.
4. The jumper should jump and down in a straight line without swinging back and forth.
5. Release the UP button when the jumper reaches optimum height. At reaching optimum height the jumper is free to do somersaults. Optimum height is reached when the jumper sinks into the trampoline no more than 4 to 6 inches with only slightly bent knees. Ideally this point is reached when the knots of the jump rope are close to the pulleys of the support poles but no closer than 2 inches.
6. Once the guest is up and jumping, set and start the timer for the established ride duration.
7. Monitor the jumper to make sure that the guest is jumping straight up and down, is not swinging, and is not sinking too far into the trampoline.
8. Provide encouragement by saying things like "Great job", "You're doing excellent", "Jump harder", etc.
9. Tell jumpers under the age of 20 to use the upward motion and momentum to accomplish somersaults and flips. This is best accomplished if attempted at the maximum height of the bounce with the jumper's legs tucked into the body and head tilted in the direction of the desired somersault.

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ADJUSTMENT - TOO MANY ELASTICS

When the jumper severely swings back and forth uncontrollably or he or she is having trouble reaching back down to the trampoline with his or her feet, there are probably too many elastics. Usually in this case the carabiners connecting the jump rope to the elastics are still very far away from the pulleys on the support poles and the jumper is having trouble reaching the trampoline.

To correct this, stop the jumper from swinging, lower him or her down and then adjust elastics according to a lower weight class or switch to another jump station.

ADJUSTMENT – TOO FEW ELASTICS

When the jumper swings back and forth but sinks very deep into the trampoline to the point of having their knees completely tucked and/or touching the trampoline with his or her behind, there are probably too few elastics. In this case the knots of the jump rope are almost tucked into the pulleys on the support poles. Should this kind of swinging be noticed with the carabiner very far away from the hoist, the jumper is to be raised immediately up to optimal height while being instructed to stop swinging.

In the case the jumper cannot be pulled up any higher he or she needs to be stopped from swinging before he or she is lowered and then readjusted according to a higher weight class.

Never lower a jumper toward the trampoline when they are still swinging. To stop a jumper from swinging, there are several different options.

Option 1

In light cases of swinging, which do not hint towards maladjustment of elastics, the jumping motion can simply be corrected by reminding the jumper to jump straight up and down and to concentrate on landing in the middle of the trampoline.

Option 2

An uncontrolled swinging might occur should the jumper release the hold on the elastics. The operator needs to remind the guest to hold on to the elastics.

Option 3

In the cases of severe swinging, the operator must step onto the trampoline and physically stop the swinging motion by catching the jumper. Never lower a jumper toward the trampoline when they are still swinging!

ADJUSTMENTS – LOST MOMENTUM

It occasionally happens that a jumper who is correctly adjusted loses his or her momentum, and is hanging in the harness unable to reach the trampoline. There are two methods of correcting this situation.

Method 1

1. Lower the jumper to the point that his or her feet are able to reach the trampoline again
2. Slowly raise the jumper back up until optimum height is reached while regaining momentum. During this process the jumper needs to be instructed to keep jumping as hard as he or she can, even when landing after somersaults. Pulling on the elastics during the upward motion is also a way a jumper can regain momentum.

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Method 2

1. Step onto the trampoline
2. Grab the carabiners at the side of the harness
3. Pull the jumper far down to the trampoline, tensing the elastics and releasing the jumper back up into the air.

UNLOADING

1. Once time of ride duration has elapsed, instruct the jumper to stop jumping and to stop doing somersaults, flips, etc.
2. When the jumper has stopped, press the DOWN button on the hoist control to bring the jumper back down.
3. Lower the jumper until all elastics are completely free of tension, allowing the jumper to step up to the end of the trampoline towards the operator. Under no circumstance should you lower the hoist to the point that the rope leading into the hoist is excessively slacked. Failure to be aware of this could result in serious damage to the rope.
4. Once the jumper is standing in front of the operator, unbuckle the jumper's harness.
5. Ensure that the jumper descends safely from the trampoline using the stairs and inform the guest about the location of the exit.

CLOSING PROCEDURES

1. The supervisor will determine at which point not to allow any more guests to purchase tickets for the operating day.
2. Any guest who purchased a ticket before park closing time must be permitted to participate.
3. Cycle through the remaining queue line.
4. Take down Powercords and harnesses and store them in a secure location.
5. Unplug the control box and cover the hoist.
6. Thoroughly check the area and take any lost articles to Guest Relations.
7. Sweep the attraction and surrounding area and empty all trashcans.
8. Complete all paperwork.

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Shutdown Procedures

During operation, EUROBUNGY-TRAMPOLINE may be required to shut down due to weather, technical problems, etc. You as the operator have the right at any time to close your attraction if you feel that an unsafe condition exists. If at any time, you close your attraction, for any unusual circumstances, DO NOT CLEAR THE QUEUE LINE.

The following procedures should be followed in the event of a planned shutdown:

GENERAL SHUTDOWN

1. If an incident develops that may inhibit the proper operation of the attraction, the supervisor or person in charge will investigate the problem and determine the course of action to be taken.
2. If park Maintenance is required, the supervisor or person in charge will call Communications ,explain the problem, and request Maintenance assistance.
3. Maintenance, if requested, and supervision will assess the situation and determine if the attraction will remain in operation.
4. If a problem develops that poses an immediate threat to guest or employee safety, the person in charge may start to shut down the attraction without supervisor approval.
5. When a decision has been made to shut down the attraction, the supervisor or person in charge will stop loading guests into the attraction.
6. The supervisor or person in charge will make sure that guests waiting to ride know that the attraction is closed temporarily due to minor difficulties, without disclosing any details.

NOTE: Depending on the length of time necessary to reopen the attraction, the queue line may be evacuated. The supervisor determines this.

7. While the attraction is shut down, the operators should follow any instructions given by Maintenance or supervision, within S.O.P. manual guidelines, to restart the attraction as quickly as possible.
8. When the situation has been resolved, and Maintenance and supervision have given their approval, begin loading guests onto the attraction.

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GUEST IN ATTRACTION AREA

1. If an unauthorized guest is anywhere in the attraction area, stop the operation as quickly and safely as possible.
2. When the supervisor or the person in charge determines that the area is clear again, re-start the jumpers following normal jumping procedures.

WEATHER

LIGHTNING

1. At the first sight of lightning, discontinue operations and immediately lower the guests and detach them from the harness.
2. Do not pull equipment until/unless rain begins. Follow the procedures for rain.
3. The attraction can reopen 20 minutes after the last lightning strike or when the sky is completely clear.

RAIN

EUROBUNGY-TRAMPOLINE does not operate in the rain. The rain can damage the equipment as well as risk the safety of the guests.

1. When it starts to rain, stop all jumpers.
2. The trampolines get very slick when wet and it is no longer safe to jump. Advise jumpers to walk carefully off of the trampolines.
3. Promptly start taking down all the Powercords, cover the hoist controls, and put all of the rest of the equipment away.
4. If the elastics get wet, hang them in a dry place so they can air out.

NATURAL DISASTER

FIRE

1. Minor fire:
A minor fire is one where there is danger to equipment, but only a minor danger to guests or employees; it can be extinguished with one or two fire extinguishers.
 - a. The supervisor or person in charge of the attraction must be notified immediately.
 - b. DO NOT PANIC. Remain calm while handling the situation. Before attempting to extinguish a fire make sure guests and employees are clear and the appropriate personnel are notified so assistance can be dispatched.

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- c. All guests must be moved to a position that affords them the most safety. This may include stopping the attraction and evacuating the guests from the jump stations.

Each fire situation will be different and should be dealt with accordingly.
- f. The crew should attempt to extinguish the fire with the appropriate fire extinguisher.
- g. The person in charge will assign operators/cashiers to do some crowd control. They will keep the area clear and other guests away from the fire area.
- h. Remain in control of the situation until Security personnel arrive. Assist as required.
- i. The person in charge will make sure that each fire extinguisher used in putting out the fire is properly exchanged for a new one.
- j. Make sure all Confidential Incident Notification forms are properly filled out before the end of the shift.

2. Major fire:

A major fire is one in which there is a severe danger to guests, crewmembers, or equipment exists.

- a. The person in charge of the attraction must be notified immediately.
- b. DO NOT PANIC. Remain calm while handling the situation. Before attempting to extinguish a fire make sure guests and employees are clear of danger and the appropriate personnel are notified so assistance can be dispatched.
- c. All guests must be moved to a position that affords them the most safety. This may include stopping the attraction and evacuating the guests from the attraction and queue line.
- f. The crew should attempt to extinguish the fire using the appropriate fire extinguisher, unless such an effort would be futile and dangerous.
- g. The person in charge will assign operators/cashiers to do some crowd control. They will keep the area clear and other guests away from the fire area.
- h. Remain in control of the situation until Security personnel arrive. Assist as required.
- i. The person in charge should make sure that each fire extinguisher used in putting out the fire is properly exchanged for a new one.

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- j. Make sure all Confidential Incident Notification forms are properly filled out before the end of the shift.

EUROBUNGY-TRAMPOLINE Operations shall have a Fire Extinguisher close by.

This is an A-B-C type fire extinguisher, which can be used on any type of fire. To use the extinguisher:

1. Pull the safety pin from the handle.
2. Aim the nozzle at the base of the flames.
3. Squeezing the handle, sweep the propellant across the base of the flames.
Effective range for the average five-pound extinguisher is 8 to 10 feet. This type of extinguisher will last from 10 to 20 seconds, and, when used properly, will put out a medium sized fire. When the extinguisher is empty, the operator should back away from the fire.
4. Evacuate the queue and the attraction as indicated in this manual.

TECHNICAL PROBLEMS

An unplanned breakdown is an unexpected stopping of the attraction because of either a function of the safety system or the failure of the mechanical or electrical system.

1. The cashier or an operator must inform any waiting guests that the attraction is temporarily closed due to minor difficulties, without disclosing specific details. NOTE: Depending on the length of time necessary to reopen the attraction, the queue line may be evacuated. Only the supervisor determines this.
3. If the attraction needs to be evacuated, the normal unloading procedures should be followed.
4. When the problem has been resolved and Maintenance has given their approval, the supervisor, or person in charge, may reopen the attraction and resume normal operation.
5. The supervisor or person in charge should call the Resale office and inform them that the attraction is up.

It is especially important for the operators to work in a professional manner so as to convey to the guests that the park is working as quickly as possible to reopen the attraction. The guests will likely be disappointed that the attraction is not operating and will be happier if they see that the park is working to correct the problem. If possible, advise guests of the other rides in the area but make sure the guests know they are welcome to wait.

In the event of a shutdown, the supervisor will determine whether or not to evacuate the queue. The decision will depend on the severity of the problem and the amount of time needed to correct the problem.

EQUIPMENT FAILURES:

Should a problem be found in the equipment or its operation the attraction may need to stop operating, if it has not already done so.

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1. Inform the supervisor or the person in charge of the problem.
2. The attraction supervisor (and Maintenance, if they are involved) will decide if the attraction will stay open or reopen.
3. If work is needed or a problem is found it will be taken care of.
4. Evacuate the guests if needed.
5. After the attraction supervisor (and Maintenance if involved) have given their ok, and the attraction is operating as it should, the attraction may open.

EVACUATION PROCEDURES

An emergency unloading, or evacuation, is the orderly removal of guests from the queue or attraction area in the event of an emergency.

In an emergency situation, when an immediate evacuation is warranted due to safety concerns, an operator may initiate an evacuation without supervisor authorization.

No matter what the emergency, an evacuation should be a controlled situation. Operators should always remain calm and in control of the situation.

EVACUATING THE ATTRACTION:

1. Remain calm and reassure our Guests that we have the situation under control.
2. Lower any jumpers quickly, following all normal unload safety procedures.
3. Direct jumpers to the exit gate.

EVACUATING THE QUEUE LINE:

1. To evacuate the queue line, have the guests exit the same way they entered.

POWER FAILURE

A power failure will disable the electric hoist. Follow these procedures to unload jumpers.

1. Direct the jumpers to stop jumping or performing somersaults or flips.
2. When the jumpers have completely stopped, unplug control box for the hoist, then use supplied lowering tool on the hoist to gradually release the tension on the drum and lower the jumper. Avoid lowering them too quickly. This option is only available at the red hoist with the brand "Pramac" or the orange ones with the brand "CSM". The orange hoist from Taiwan or the blue hoist from US do not have this option. In this case try to catch the jumpers legs, pull him down until you can grip the harness's straps. Pull it down, a second person should unhook one elastic at a time
3. If it is dark, assist the jumpers down from the stairs from the trampolines and escort the jumpers individually to the exit.
4. Once all jumpers are off of the attraction clear the area.

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OPERATION SYNOPSIS

Guests approach EUROBUNGY-TRAMPOLINE and purchase tickets to ride – either a single ride ticket or a double-length ticket. Riders (jumpers) are queued up outside the entrance gate. As space permits, jumpers are let in the entrance gate, weighed on the scale, told their weight, and directed to one of the four jump stations, depending on their weight and the preset bungy (Powercord) combinations at the jump stations.

The jump station operator directs the jumper up onto the trampoline using the stairs only, secures the harness to the jumper, adjusts the number and combination of Powercords on the harness based on jumper's weight. Operator moves toward center of the jump apparatus to operate the hoist assembly to raise jumper. As soon as Powercords are tensed, operator directs jumper to begin jumping, while gradually raising the jumper in the air with the hoist. When an optimum height is achieved, operator stops hoist and begins timing jumper. Operator carefully monitors jumper and ensures that jumper is not jumping too high or low and makes adjustments as necessary.

At the end of the designated ride duration, operator directs jumper to stop jumping, flipping, etc. When jumper has completely stopped, operator lowers the jumper using the hoist. When there is no more tension on the Powercords, operator directs jumper to the front of the trampoline, disconnects harness, and directs jumper to use the stairs to descend off the trampoline.

Summary

We hope this manual has been informative and helpful in teaching you the safe and correct operation of EUROBUNGY-TRAMPOLINE.

Again, if you have any questions, however minor, please ask your trainer.

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Appendix A

Elastic Log

Elastics are either Powercords or Loops

Powercords will break inside over time. The cloth will hold it together and prevent from ripping but jumping will be still possible. The weight Chart will vary the more elastics inside are broken.

The Powercords should be retired if the cloth is severely damaged or the elastics inside are broken by more than 50%

Loops

Loops, made out of natural Latex will show at some time cracks.

The Loops should be inspected at least once a day and if a crack is eminent, the elastic should be cut and a knot shall be tight as described at page #15. Use a bit silicon spray to tie the knot.

Up to three knots can be done before retiring the elastics.

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Appendix B Daily Inspection Log

EUROBUNGY-TRAMPOLINE DAILY INSPECTION LOG

Inspector/Operator: _____

Date: _____

Signature: _____

	1	2	3	4
DESCRIPTION	PASS/FAIL	PASS/FAIL	PASS/FAIL	PASS/FAIL
TRAMPOLINES				
Frame secure				
Spring covers				
STRUCTURE				
Pins & Clips in place and closed properly				
Steel cables, turnbuckles, steel carabiners. Tight and locked				
No cracks at pin mounting points & pin bracket hardware				
CARABINERS/SWIVELS AND PULLEYS				
All Alu carabiners open and close properly				
Wear on carabiners, swivels, and pulleys				
Functional tests of carabiners, swivels and pulleys				
Rope passage through pulleys				
HOIST				
Hoist rope wear				
Rope knots each connection				
Functional test up/down				
Condition of power and control cords				
Winch rope pulley wear and function				
Elastics				
Condition		Notes: Inspect each elastic and remove from service if Fail		
Verify Powercords log		Notes: Inspect each elastic and remove from service if Fail		
HARNESSES				
Webbing		Notes: Inspect each harness and remove from service if Fail		
Buckles		Notes: Inspect each harness and remove from service if Fail		
MISCELLANEOUS				
Signage in Place				
Ride Area Clean				
Ride Area Secure				

Standard Operating Procedure

Attraction: EUROBUNGY-TRAMPOLINE		August 2011
Policy: Standard Operating Procedures Manual	Approved: Peter Raidt	

Appendix A
Elastic Log

EUROBUNGY-TRAMPOLINE POWERCORD/LOOP (ELASTICS) LOG							
INSTALLED				RETIRED			
INSTALL DATE	10lbs	20lbs	30lbs	RETIRE DATE	10lbs	20lbs	30lbs
<p>The elastics should be replaced regularly for optimal use and safety. If at anytime the interior cords are visible through the protective sheath of the Powercord the cord must be retired.</p> <p>Should the elastics get wet, dry them completely before using them again.</p>							

Standard Operating Procedure

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Appendix C

Operation Instructions for EUROBUNGY-TRAMPOLINES

1. Read the OP Manual.
2. Do not operate the EUROBUNGY without someone having checked out the daily inspection list
3. Get a training before operating a EUROBUNGY by yourself.
4. Make sure your pants are not hanging down low and are exposing your underwear. If you need a belt, go get one.

Jumping Procedure:

- a. Check weight of jumper either with a scale , a good guess or ask the jumper politely
- b. Have the harness hanging low above the tramp.
- c. Stations with small harnesses should have elastics as following on each side
 - a. #2 10lbs, #20lbs,#1 40lbs
- d. Stations with large harnesses should have elastics as following on each side
 - a. #1 10lbs, #2 20lbs,#4 40lbs
- e. Stand in front of the trampoline. Do never step up on to the trampoline !
- f. Put the right number of elastics on the harness.
 - a. Take rather more thin than few big elastics
 - b. Never use less than two elastics at each side
 - c. Use elastics for 10lbs less than jumper weight. Meaning if jumper weighs 60lbs, put one elastics for 50lbs
- g. Choose the right size of harness for the jumper's weight. Small harnesses are from 20lbs to 100lbs and large harnesses fit from 75lbs to 200lbs. If you have heavier person than 160 0lbs advise them it might hurt.
- h. Check the jumper's waist line and adjust the back buckle so the swivels will be positioned at the jumper's sides and neither front nor back
- i. Ask the jumper to step up, with a smile in your face and look the jumper into the eyes.
- j. Put the waist belt around the jumper's hip. The belt should lay above the hips .
- k. Check the swivel position. If they are no equally at the sides, adjust the back buckle .
- l. Close the two thigh belts. Tension all belts so the harness can not slide up.
- m. Verify the winch rope is spooled up correctly
- n. Tell Jumper not to jump yet
- o. Push the Countdown Timer
- p. Push the Up-button
- q. Tell Jumper to start to jump once he/she hangs in the harness with elastics stretched.
- r. Pull the jumper up according his ability to bounce
- s. Tell the Jumper:
 - a. "Pull the elastics while going up"
 - b. "Bend the knees when coming down landing on the trampoline"
- t. Before the jumper loses contact with the tramp, stop pulling up and let him adjust jumping
- u. If the jumper lands deep into the tramp, pull him/her up higher
- v. If you raised the jumper to high up, lower down the winch a bit .

Standard Operating Procedure

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- w. Once the jumper jumps fine according his ability, lay down the controller
- x. You can tell that the jumper jumps fine when the elastics stretch smooth and slow. If the jumper swings you have put too many elastics on. Lower him down and take some off. Not without telling the jumper" do not bounce anymore, I let you down". Sometimes you can just open the carabiners and unhook the elastics under tension.

If you have a 2nd EUROBUNGY-TRAMPOLINE turn around and harness the next jumper up While doing so monitor the 1st jumper frequently and adjust the winch if necessary or pull on the jumpers feet or harness to give a short booster to get bouncing again. Do not stand onto the trampolines and do not grap the elastics to do so. Try to give the jumper a vertical shot up.

Once the 2nd jumper is up, turn around and lower down jumper #1.. Before doing so must tell the jumper, "Please stop bouncing, time is up I let you down"

While doing so monitor the 2nd jumper and give help if necessary.

You can give a jumper a big or small booster up if he wants to. Always ask before and conduct it only as an incentive before the time is up. Pull vertically down, never in an angle. Make sure the jumper is comfortable with it.

If you operate two trampolines at the same time, sell the tickets before you harness up a jumper. Even selling tickets, you must monitor the jumpers at all time. If they lose the bounce or come down to deep into the trampolines, help them out immediately .

Monitor the winch at all time.. Make sure it pulls up when pushing the **up** button and down when pushing the **down** button.

Have a positive attitude, give the kids a good feeling and a great jumping experience.. This will make you feel better and have the kid come back another time. Many Operators receive good tips because they show they joy working with kids at the EUROBUNGY.

If you do not feel that joy, quit the job, there are others getting the joy out of it.

And if you do have the joy, show it off.