

SPECTACULAR ENTERTAINMENT

ETEREO PRODUCTION PACK 2019



PREPARED AND PRESENTED BY

EMMA BATE AND TONY BATE
PROJECT MANAGERS

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IN THIS REPORT

you will find all the production elements and requirements needed to stage a production of Etereo by Spectacular Entertainment. .

STAFF & TEAM MEMBERS

THE AWESOME PEOPLE BEHIND THIS PROJECT



EMMA BATE (UK)

CREATIVE DIRECTOR/COMPANY MANAGER

'Etereo' is the brain-child of producer, choreographer and company manager Emma Bate. With 19 years of professional experience in the Entertainment Industry, first as performer then as creative director, Emma has produced over 95 shows that have been performed worldwide.

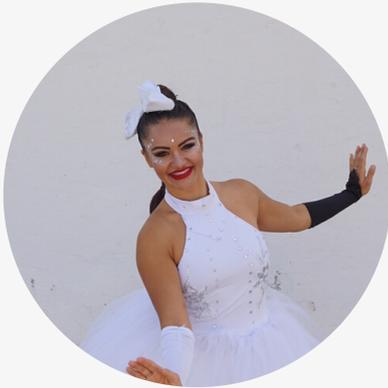
TONY BATE (UK)

TECHNICIAN/ROAD MANAGER

Described as the 'soul' of Etereo, Tony ensures safety of the artists as well as the smooth running of each production.

Tony acts as light and sound technician as well as equipment maintenance, logistics co-ordinator and road manager.





SOFIA ADAMS (UK)

DANCE CAPTAIN AND AERIAL PERFORMER

Working with Spectacular Entertainment since 2015, Sofia is dance captain, ensuring quality of each and every performance and artist, also appearing in Etereo and Camden Circus. Her disciplines include aerial silks, lyra, dance and fire performance.

MATTHEW RYAN (UK)

AERIAL COACH AND SPECIALITY PERFORMER

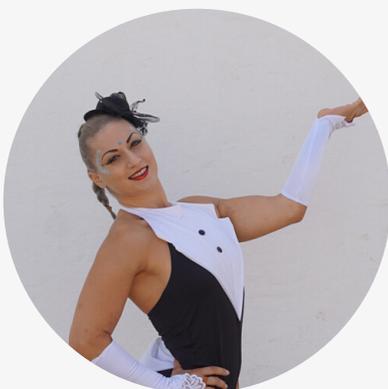
With over 15 years working in professional circus companies across Europe, Matthew is a ground based performer specialising in hula hoop and shape manipulation as well as aerial hammock and net.



NORRIE ATTARD (MALTA)

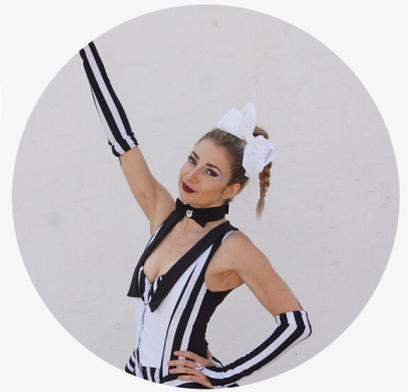
AERIAL PERFORMER AND DANCER

This multi skilled performer hails from Malta. Norrie is keen to develop her skills and constantly strives for a perfect performance. Her disciplines include aerial straps, silks, lyra and flying pole.



MIA BUTLER (UK/CANADA)
AERIAL PERFORMER AND DANCER

A nomad at heart, Mia has travelled the world performing as an aerial artist. Her disciplines include Spanish Web, Aerial silks and Flying Pole.



KAYA JAY SMITH (UK)
AERIAL PERFORMER AND DANCER

Former Pole Champion Kaya has developed her transferable skills to include lyra and flying pole. She is currently performing in Etereo and Portobello Circus.

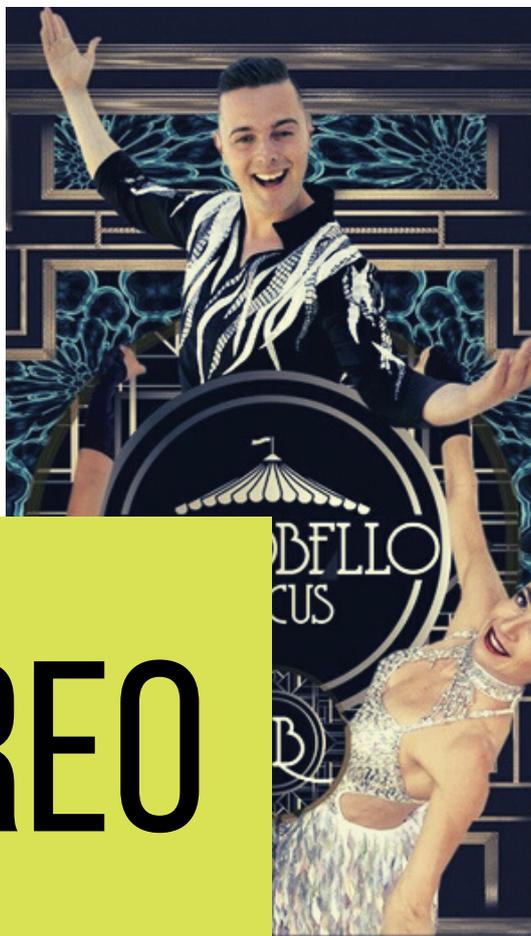
ALEX HEY (UK)
ACROBAT AND AERIAL PERFORMER

Former Cirque Du Soleil performer, at 24 Alex has an impressive career under his belt. Alex specialises in acrobatics and aerial straps. This is his first season with Spectacular Entertainment.



JESS HOUGHTON (UK)
VOCALIST

Born and bred in Manchester, this is Jess's first season with Spectacular Entertainment, putting her BA (Hons) in Professional Musicianship from BIMM Manchester to good use!



ETEREO

'Etereo' by Spectacular Entertainment is an action packed production performed by seven performers and supported by a technician.

Featuring aerial acrobatics, ground based circus acts, dance and physical theatre techniques, this production is a 60 minute show that can be performed in one part or in two 30 minute parts.

Throughout the production we follow the 'coming of age' story of a young girl finding friendship, falling in love and overcoming obstacles to find her true identity. We portray the narrative through characterisation, dance and live vocals.

Set List

1. ENTER THE CIRCUS

'The girl' discovers the circus which introduces her to the black and white world of Etereo.

Act: Dance

Music: Enter the Circus by Christina Aguilera.



2. WELCOME

We are introduced to the Fairy Godmother. She encourages our two main protagonists to make friends.

Act: Contact ball, dance and vocals.

Music: Welcome by Christina Aguilera.



3. THE BIRDS

Exciting 'big' circus number. We see the power of the fairy Godmother.

Act: Spanish web aerial act, dance and vocals.

Music: Explosive by David Garrett.



4. THE FRIEND

The friend 'shows off' to the girl, performing for her and demonstrating the wonder and childlike fun of the Circus.

Act: Shape and cube manipulation

Music: Jimmy's Gang by Parov Stelar.



5. THE HOMECOMING

The girl joins the circus in a dynamic double hoop act orchestrated by the Fairy Godmother.

Act: Aerial lyra duo, dance and vocals.

Music: You Say by Lauren Daigle.



6. THE PRINCE

'The boy' stumbles upon the circus. He shows us his charm and charisma through an acrobatic solo.

Act: Acrobatics

Music: Vivaldi Vs. Vertigo by David Garrett.



7. THE DOLLS

Friends of the Fairy Godmother, the Dolls welcome the boy to the circus. They have an idea!

Act: Dance

Music: Arms Wide Open by Shystie

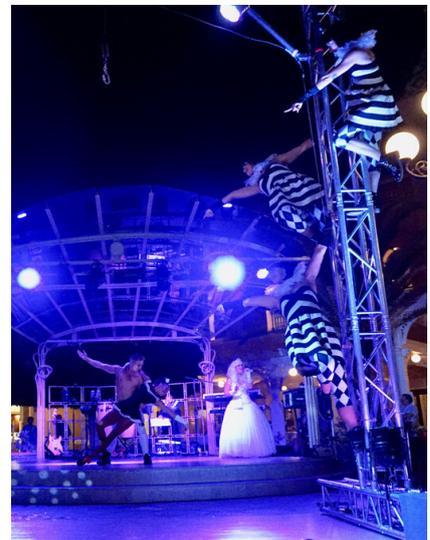


8. THE NEW WORLD

Orchestrated by the Fairy Godmother, the boy and girl meet. It is love at first sight.

Act: Dance, audience interaction and vocals.

Music: Songs For a New World by Jason Robert Brown.



9. IT'S A MAGICAL LIFE

Celebrating the union, the dolls perform an Aerial Silk trio.

Act: Aerial silks and vocals.

Music: Magic by Sia.



10. 'HEY, I'M HERE!'

The friend returns to find he is no longer needed, the girl has found her boy. Movement and hula hoop piece trying to get her attention commences.

Act: Hula Hoop performance.

Music: Forbidden by Matthew Ryan and the Forbidden Orchestra.



11. THE EVIL QUEEN

Seizing an opportunity to create chaos and confusion, we meet the Evil Queen.

Act: Aerial hammock and vocals.

Music: Lacrymosa by Evanescence.



12. WE GOT YOU!

Turning to the dark side, the friend separates the boy and girl. If he can't have her, then no one can.

Act: Fire and dance.

Music: Tempest by Cirque Du Soleil.



13. BECAUSE YOU'RE MINE

The Evil Queen has the friend and now she wants the boy, seducing him with her flying girls.

Act: Flying pole and vocals.

Music: I Put a Spell On You by Annie Lennox.



14. FIRE

Continuing the chaos, the Evil Queen summons the power of fire.

Act: Fire performance.

Music: Invaders Must Die by The Prodigy.



15. THE BATTLE

Tensions run high which result in a dramatic finale.

Act: Aerial straps, movement and vocals.

Music: Imperfection by Evanescence.



16. YOU'LL BE FINE

The reappearance of the Fairy Godmother breaks the curse of the Evil Queen and the protagonists reconcile.

Act: Movement and Vocals.

Music: Hear My Song by Jason Robert Brown.



17. THE BIG FINISH

The Circus celebrate as they join together for a harmonious conclusion.

Act: Quick change, ribbon dance, counter balance aerial act and vocals.

Music: Come Alive from The Greatest Showman.



18. THE PARTY

The cast come together to celebrate the end of the show in a big dance number.

Act: Dance, angle grinding and vocals.

Music: Come Alive from The Greatest Showman.





THE EQUIPMENT

TRUSS

Etereo is a self-contained production. With the truss, we are able to perform aerial acts without the need for external rigging points, this means we are able to perform the show anywhere!

The truss has been modified with cables and pulleys to allow four rigging points and three lifting points operated throughout the production by members of the cast.

The truss is an integral part of the show, as well as allowing us to incorporate aerial performance, we use the truss to define performance space, for scenography and as a 'climbing frame'.

PERFORMANCE SPACE REQUIRED



DIMENSIONS



ITEM	SIZE	TOTAL WEIGHT
3 x 2 metre pieces (12.5kg each)	2m x 30cm x 30cm	37.5kg
8 x 1 metre pieces (7.5kg each)	1m x 30cm x 30cm	60kg
4 x 750cm pieces (6.8kg each)	750cm x 30cm x 30cm	37.2kg
4 x 'T' pieces (7.8kg each)	?	27.2kg
	TOTAL WEIGHT	162kg

ADD ONS

We have added a series of brackets, pulleys and cables to the truss. The total weight of the add-ons is 20kg.

LIGHTING EQUIPMENT

At request, we can supply;

- LED Par Cans
- UV lights
- Moving Heads
- Lighting board
- Technician

SOUND EQUIPMENT

We can supply;

- PA
- Microphone
- Sound desk
- Technician



AERIAL EQUIPMENT

- Aerial Silks
3 X 12 metre white lycra fabric
- Spanish Web
Rope plus hand loop and hardware
- Lyra
Aluminium aerial hoop 105cm diameter
- Aerial Hammock
Red lycra fabric triangle
- Flying Pole
3 metre aluminium pole
- Aerial Straps plus swivels and hardware



HANDHELD PROPS

- Durastilts
- Megaphones
- Big hat
- Contact ball
- Confetti bag
- 3 x LED Hula hoops, plus cable ties
- Cube- 12 x 1m pieces, constructed on site
- 3 x heart balloons and sticks
- 9 x hula hoops- 1 metre diameter
- Russian multi hoop- 1 metre diameter
- 6 x 2 metre fire sticks
- Fire staff- metre
- Fire hula hoop- metre
- 6 x Fire Fans
- Fire kit- safety towels, paraffin, lighter fuel
- Small balloon and helium
- Change bag
- Shoes in shoebox
- Dance ribbon
- Harnesses x 2
- Hand straps x 3
- Angle Grinder and safety glasses

SET UP TIME

TRUSS SET UP AND PREPARATION: 45 MINS

FULL SET UP INCLUDING SOUND AND LIGHTS: 90 MINS- 2 HOURS



WHAT WE NEED FROM YOU

ELECTRICITY

DRESSING ROOM

WARM UP SPACE

SAFE SPACE TO SET FIRE EQUIPMENT

PHOTOGRAPHS

A black and white photograph of a woman in a striped shirt and a man with tattoos at a party. The woman is in the foreground, smiling, wearing a black and white vertically striped shirt. The man is behind her, shirtless, with large tattoos on his chest and arms, and his right arm is raised. In the background, there is a metal truss structure and another person in a white shirt.

<https://www.flickr.com/people/182811989@N06/>

<https://www.instagram.com/spectacularentertainment/>

<https://www.facebook.com/spectacularents>

VIDEOS

Etereo Promo 2019

<https://www.youtube.com/watch?v=Sfv62oZ5dag>

Etereo Extended Promo

<https://youtu.be/fm9Elv-LaAE>

Etereo Promo 2017

<https://youtu.be/bb-Zv34S7tc>

RISK ASSESSMENT

This risk assessment and arrangements cover the operations of performers from Spectacular Entertainment.

Persons at Risk

The people especially at risk from most hazards are the performer and the general public.

Event Management

Get In/Get Out

Hazards

- 1.) Load In/Load Out
- 2.) Stage, Sound and Lighting Set up
- 3.) Working at Height

Significant Hazards	People at Risk	Safety Controls
<u>Load In/Load Out</u> Injury from Vehicles Injury while moving equipment MSD's from manual handling	Performer/Hotel Staff	Vans not to block pathways. One van unloading at a time. Crew members designated by production manager (Tony Bate) to assist reversing vehicles, opening doors and alerting members of the public/staff. Equipment brought in via

		<p>designated routes. When possible, use mechanical assistance (trolleys/lift). Safe lifting guidelines to be followed to reduce risk of MSD's.</p>
<p><u>Stage, Sound, Lighting Set up</u></p> <p>Injury from equipment/Blocked access</p> <p>Trip Hazard</p> <p>MSD's from manual handling</p>	<p>Performer/Audience</p>	<p>Areas closed off to the public during set up by visible barriers.</p> <p>Equipment stored out of public access.</p> <p>Crew to wear appropriate protective clothing.</p> <p>Safe lifting guidelines to be followed to reduce risk of MSD's.</p> <p>All hung equipment, décor, stages and structures to be checked by production manager</p> <p>A clear line of command and communication established with a pre set up briefing between crew and production manager.</p>

<p><u>Working at height</u></p> <p>Fall Injury</p> <p>Damage to equipment</p>	<p>Performer/Audience</p>	<p>Competent and experienced crew only.</p> <p>Equipment to be checked and well maintained..</p> <p>Spare/unused equipment stored back-stage away from public access and clearly marked/away from access points.</p> <p>Crew to wear appropriate protective clothing.</p> <p>A clear line of command and communication established with a pre set up briefing between crew and production manager.</p>
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During Event

Hazards

- 1.) Sound and Lighting Equipment
- 2.) Staging/Structures

<p><u>Sound/Lighting Equipment</u></p> <p>Damage to hearing</p>	<p>Performer/Audience/Hotel Staff</p>	<p>Production manager to be on hand on each stage</p>
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<p>Damage to sight Injury from unsecure equipment</p> <p>Trip Hazard</p>		<p>throughout the event monitoring sound levels and equipment.</p> <p>All equipment out of reach of the public.</p> <p>Pre show briefing for Sound Engineers to cut the sound in case of a fire alarm or when told to by Animation Staff.</p> <p>Production manager on hand during event..</p> <p>Cables to be secured, clearly marked and away from crew/public access points.</p>
<p><u>Staging/Structures</u></p> <p>Trip hazards</p> <p>Injury from falling</p>	<p>Performer</p>	<p>Edges of staging clearly marked, steps provided for elevated staging over 1 foot.</p> <p>No running back stage</p>

Performers

Hazards

1. Falling and tripping
2. Collision with staging features such as scaffolding, lights, joists, speakers

3. Strains, sprains, pulled muscles and other damage to body
4. Risk of bad audience behaviour

Risk Evaluation

The following arrangements should eliminate or reduce the risk of the above hazards to an acceptable level.

Significant Hazards	People at Risk	Safety Controls
1. Falling and Tripping.	Performer Audience	Pre show assessment of performance area to identify stairs, stages, slopes and other hazardous features. Plan show to minimise danger accordingly. No performance can take place on slippy surfaces (wet/polished floor, ice mud etc).
2. Collision with staging features such as scaffolding, lights, speakers.	Performer	Pre-show risk assessment to identify features that may cause a hazard. Avoidance of such features.
3. Strains, sprains, pulled muscles and other damage to body.	Performer	Full warm-up and stretch prior to each show
4. Risk of bad audience behaviour.	Performer Audience	At all times, but especially later in the day if alcohol is available there must be adequate stewarding provided by the event manager. Should the performance become dangerous in any way, at any time, for any reason the performer will cease performing immediately.

ARRANGEMENTS

Planning and Organising

The performer shall be provided with the relevant information, instruction and training to complete the task.

Training and Instruction

The performer will be instructed in the following:

- The task instructions
- On site risk assessment

Procedures for Serious and Imminent Danger

All procedures regarding Incident and Accident Reporting, Emergency Evacuation Procedure will be the responsibility of the hotel animation staff.

Specialist Skills

Aerialist/Funambulists

Description of Activity

This risk assessment and arrangements cover the operations of Aerialists and Funambulists from Spectacular Entertainment.

Persons at Risk

The people especially at risk from most hazards are the Aerialists and Funambulists.

Hazards

1. Falling from aerial equipment
2. Equipment Failure
3. Muscle injury to performers
4. Security of performance space

Risk Evaluation

The following arrangements should eliminate or reduce the risk of the above hazards to an acceptable level.

Significant Hazards	People at Risk	Safety Controls
1. Falling from aerial equipment	Performer	All movement consists of choreographed, rehearsed, trained elements. Performers undertake solid warm-up exercises prior to performances. Performers familiar with specific item of apparatus

		<p>Apparatus rigged to exact specifications every performance</p> <p>Apparatus rigged to safe height</p> <p>Equipment shall only be used if weather/environment is dry</p>
2. Equipment Failure e.g. Rope breaking, Harness breaking, Pulley, carabineer, Hook breaking	Performer	<p>All equipment safety checked before rigging by technician, and double-checked by performers.</p> <p>Only professional circus equipment used</p> <p>All equipment rigged according to correct loading constraints</p> <p>All equipment used as to manufacturers recommendations</p>
3. Muscle injury to performers e.g. Cramp/strain leading to fall from apparatus	Performer	<p>All performers undertake a major physical warm-up and stretch prior to working upon apparatus and performance.</p> <p>Fluids and sustenance are maintained throughout performance days to ensure maximum fitness and ability to perform.</p>
4. Security of performance space e.g. Pedestrian traffic/audience infiltration into show-space.	Performer/ Audience member	<p>Event management to provide assistance in securing a safe zone in an already-deemed logistically sound area.</p> <p>Rigging area is barriered off to all non-rigging and non-performance individuals</p> <p>A safety exclusion zone is maintained throughout the performance in front of the 'stage' and by all backstage/rigging areas by the technician and visible barrier/perimeter</p>

		<p>markers.</p> <p>Prior to show, front line of audience is maintained by animation staff.</p>
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ARRANGEMENTS

Planning and Organising

The Aerialist/funambulist shall be provided with the relevant information, instruction and training to complete the task.

Training and Instruction

The performer will be instructed in the following:

- Correct use of the equipment
- The task instructions

Management Control

No other people than those trained on the equipment are allowed to use this equipment.

Any defect or incident discovered in the equipment must be removed from the act immediately.

Procedures for Serious and Imminent Danger

All procedures regarding Incident and Accident Reporting, Emergency Evacuation Procedure will be the responsibility of the organiser from the Client.

Fire Performers

Description of Activity

This risk assessment and arrangements cover the operations of the Fire performers from Spectacular Entertainment.

Persons at Risk

The people especially at risk from most hazards are the Fire Performer and the general public.

Hazards

1. Setting alight, burning of performance space
2. Setting alight, burning of audience
3. Setting alight, burning of performer

Risk Evaluation

The following arrangements should eliminate or reduce the risk of the above hazards to an acceptable level.

Significant Hazards	People at Risk	Safety Controls
1. Setting alight, burning of performance space	Performer, Audience, Performance space	<p>Performers trained in safe use of equipment.</p> <p>Performance space in venue allows act to perform with ample clearance from flammable objects.</p> <p>Fire safety equipment, one water fire extinguisher/fire blanket to be supplied by technician.</p>
2. Setting alight, burning of audience	Performer Audience	<p>Ample clearance allowed between performers and audience.</p> <p>Safety loops used with swinging torches to prevent leaving performers hands.</p> <p>Where appropriate and available, member of security staff to accompany performers.</p> <p>Clearance area marked out to prevent public access to performance area</p> <p>Extra vigilance by performers.</p> <p>Fire safety equipment, one water fire extinguisher/fire blanket to be supplied by technician.</p>

<p>3. Setting alight, burning of performer</p>	<p>Performer Audience</p>	<p>Costumes regularly fire proofed with flame-check fire retardant spray.</p> <p>Extra vigilance by performers.</p> <p>Fire safety equipment, one water fire extinguisher/fire blanket to be supplied by technician. organisers/venue.</p>
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ARRANGEMENTS

Planning and Organising

The Fire Performer shall be provided with the relevant information, instruction and training to complete the task.

Training and Instruction

The performer will be instructed in the following:

- Correct use of the equipment
- The task instructions

Management Control

No other people than those trained on the equipment are allowed to use this equipment.

Any defect or incident discovered in the equipment must be removed from the act immediately.

Procedures for Serious and Imminent Danger

All procedures regarding Incident and Accident Reporting, Emergency Evacuation Procedure will be the responsibility of the organiser from the Client.

Stilt Walker

Description of Activity

This risk assessment and arrangements cover the operations of the stilt walkers from Spectacular Entertainment.

Persons at Risk

The people especially at risk from most hazards are the Stilt walker and the general public.

Hazards

1. Falling and tripping
2. Pushed or tripped by a member of the audience
3. Equipment Failure
4. Bright lights and lasers can damage eyes
5. Collision with overhead features such as scaffolding, lights, joists, speakers
6. Strains, sprains, pulled muscles and other damage to body
7. Limited vision, impaired by masks/costumes.
8. Risk of bad crowd behaviour

Risk Evaluation

The following arrangements should eliminate or reduce the risk of the above hazards to an acceptable level.

Significant Hazards	People at Risk	Safety Controls
1. Falling and Tripping.	Performer Audience	Pre show assessment of performance area to identify stairs, stages, slopes and other hazardous features. Plan show to minimise danger accordingly. Stilt walker trained to control fall.
2. Pushed or tripped by member of public.	Performer Audience	Where appropriate and available, technician to accompany performers. Extra vigilance by performers.
3. Equipment Failure.	Performer Audience	Use of high quality equipment fit for use. Regular equipment check prior to each use.

		Stilt walker trained to control fall.
4. Bright lights and lasers can damage eyes.	Performer	Pre show risk assessment to identify location and lasers and lights. Avoid looking directly at lights and lasers. Animation team to control audience use of laser pens.
5. Collision with overhead features such as scaffolding, lights, joists, speakers.	Performer	Pre-show risk assessment to identify overhead features that may cause a hazard. Avoidance of such features.
6. Strains, sprains, pulled muscles and other damage to body.	Performer	Full warm-up and stretch prior to each show
7. Limited vision impaired by masks/costumes.	Performer	Performers are trained to check out performance space for obvious hazards and to look down before moving off.
8. Risk of bad crowd behaviour.	Performer Audience	At all times, but especially later in the day if alcohol is available there. Should the performance become dangerous in any way, at any time for any reason the performer will cease performing immediately.

ARRANGEMENTS

Planning and Organising

The Stilt walker shall be provided with the relevant information, instruction and training to complete the task.

Training and Instruction

The performer will be instructed in the following:

- Correct use of the equipment

- The task instructions

Management Control

No other people than those trained on the equipment are allowed to use this equipment.

Any defect or incident discovered in the equipment must be removed from the act immediately.

Procedures for Serious and Imminent Danger

All procedures regarding Incident and Accident Reporting, Emergency Evacuation Procedure will be the responsibility of the organiser from the Client.

Angle Grinders

Description of Activity

This risk assessment and arrangements cover the operations of the angle grinders from Spectacular Entertainment.

Persons at Risk

The people especially at risk from most hazards are the angle grinder and the general public.

Hazards

1. Sparks in Eyes
2. Femoral Artery Cut
3. Slipping on stage
4. Fire Hazard

Risk Evaluation

The following arrangements should eliminate or reduce the risk of the above hazards to an acceptable level.

Significant Hazards	People at Risk	Safety Controls
1. Sparks in Eyes	Performer/Audience	Safety Goggles wore by Perfomers. Performer is trained and has thoroughly practiced the performance techniques.

2. Femoral Artery Cut	Performer	Performer is trained and has thoroughly practiced the performance techniques.
3. Slipping on Stage	Performer	Rubber Soled shoes are worn. No performance can take place on slippery surfaces (wet/polished floor, ice mud etc) or very high wind.
4. Fire Hazard	Performer/Audience	Minimum Stage Space requirements, no nearer than 2 meters to the audience. Sparks are 'cold'. Sparks are low enough not to mark paper at distances past 1 metre. Grinder is 750 watts, causing 95% of sparks to travel a maximum distance of 2 metres. Visual effects are caused by very low temperature sparks causing no damage to exposed skin or materials over 1 metre away.

ARRANGEMENTS

Planning and Organising

The Angle Grinder shall be provided with the relevant information, instruction and training to complete the task.

Training and Instruction

The performer will be instructed in the following:

- Correct use of the equipment
- The task instructions

Management Control

No other people than those trained on the equipment are allowed to use this equipment.

Any defect or incident discovered in the equipment must be removed from the act immediately.

Procedures for Serious and Imminent Danger

All procedures regarding Incident and Accident Reporting, Emergency Evacuation Procedure will be the responsibility of the organiser from the Client.

F34



GLOBAL TRUSS F34 TRUSS SYSTEM

Global Truss represents the highest quality and reliability.

The Global Truss F34 is a 4-point truss system. This provides optimum volume and carrying capacity for its construction size and a tube diameter of only 50mm. This system is connected via a special conical connector system, which is joined together to a complete form fit by means of a copper hammer, creating optimal traction.

The Global Truss F34 finds application in trade fairs and shops, as well as in the event industry in general. It is also characterised by a minimum transport volume and the special lightweight design.

The conical connectors are of course included in the scope of delivery - special designs and powder coatings can be carried out at short notice.

Global Truss has the largest truss storage worldwide and is permanently able to deliver all systems. Furthermore, Global Truss is the only truss manufacturer with its own coupler and hook range tested by "TUV" and "DN".

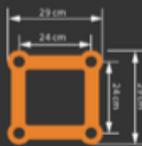


TECHNICAL DATA

Pipe diameter main pipe: 50mm
 Wall thickness: 2mm
 Material: EN AW-6082 T6
 Snake brace: 8,8mm
 Conical connectors included in scope of delivery



INCLUSIVE



LOAD TABLE

Span	Uniform distribution load	Deflection	Center point load		point load in strap point		point load in quarter point		point load in 1/5 fraction	
			kg	cm	kg	cm	kg	cm	kg	cm
4,00	501,00	1,36	922,00	1,01	627,00	1,36	496,00	1,28	393,00	1,29
5,00	344,00	2,30	763,00	1,64	528,00	1,93	411,00	2,09	324,00	2,09
6,00	241,00	3,36	649,00	2,43	453,00	2,89	346,00	3,06	278,00	3,09
7,00	177,00	4,61	562,00	3,39	398,00	4,06	297,00	4,22	237,00	4,29
8,00	135,00	6,06	494,00	4,51	353,00	5,42	260,00	5,56	208,00	5,68
9,00	106,00	7,71	440,00	5,80	316,00	7,00	230,00	7,33	185,00	7,28
10,00	85,00	9,55	395,00	7,26	285,00	8,77	205,00	8,82	166,00	9,07
11,00	69,00	11,60	357,00	8,89	258,00	10,76	185,00	10,75	150,00	11,08
12,00	58,00	13,85	324,00	10,71	236,00	12,97	168,00	12,87	136,00	13,29
13,00	48,00	16,29	296,00	12,71	216,00	15,39	153,00	15,33	125,00	15,39
14,00	41,00	18,95	271,00	14,91	199,00	18,03	140,00	17,71	116,00	18,33
15,00	35,00	21,81	249,00	17,30	183,00	20,89	128,00	20,44	105,00	21,33
16,00	30,00	24,88	229,00	19,90	169,00	23,99	118,00	23,38	97,00	24,24
17,00	26,00	28,35	211,00	22,71	157,00	27,32	109,00	26,53	89,00	27,52
18,00	23,00	31,65	195,00	25,74	146,00	30,89	100,00	29,90	82,00	31,03

The weight of the truss is considered in the load table.

Technical changes and errors are reserved.



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www.GlobalTruss.de

Certificates for Equipment



«CE» DECLARATION OF CONFORMITY
DECLARATION DE CONFORMITE «CE»
KONFORMITÄTSEKTLÄRUNG «CE»
DICHIARAZIONE DI CONFORMITA «CE»
DECLARACION DE CONFORMIDAD «CE»

The manufacturer / *Le fabricant* / Der Hersteller / Il fabbricante / El fabricante :

ZEDEL
Z.I de Crolles
38920 CROLLES
FRANCE

declares that the product described below : connector
déclare que le produit décrit ci-après : *connecteur*
erklärt, daß das unten beschriebene Produkt : *verbindungsselement*
dichiara che il prodotto descritto in appresso : *connettore*
declara que el producto descrito a continuación : *conector*

Name / *Nom* / *Nome* / *Nome* / Nombre :

SWIVEL OPEN

Reference / *Référence* / Bestellnummer / *Codice* / Referencia :

P58 SO

- conforms to the requirements of the Directive 89/686/EU, is subject to 11B treatment under Directive 89/686/EU, is manufactured within ISO 9001 certified system, is under the control of notified body APAVE (0082), is identical to the PPE which was the subject of the certification CE of type.

- *est conforme aux dispositions de la Directive 89/686/CEE, est soumis à la procédure visée à l'article 11B de la Directive 89/686/CEE, est fabriqué dans le cadre d'une certification ISO 9001, est sous le contrôle de l'organisme notifié APAVE (0082), est identique à l'EPI ayant fait l'objet de l'attestation CE de type.*

- mit den Bestimmungen der Richtlinie 89/686/EWG übereinstimmt, dem unter Artikel 11B der Richtlinie 89/686/EWG beschriebenen Prozess unterworfen ist, in einem durch ISO 9001 zertifizierten Bereich hergestellt wurde, unter der Kontrolle der gemeldeten Stelle APAVE (0082) ist und daß es gleich der PSA ist die Gegenstand der EG - Baumusterprüfung war.

- *è conforme alle disposizioni della Direttiva 89/686 CEE, è sottoposto alla procedura prevista all'articolo 11 punto B della Direttiva 89/686 CEE, è fabbricato nell'ambito della certificazione ISO 9001, sotto il controllo dell'organismo notificato APAVE (0082), è identico al DPI oggetto dell'attestato di certificazione CE del tipo.*

- es conforme a las disposiciones de la Directiva 89/686/CEE, está sometido al procedimiento especificado en el artículo 11B de la Directiva 89/686/CEE, ha sido fabricado dentro del marco de una certificación ISO 9001, está bajo el control del organismo notificado APAVE (0082), es idéntico al EPI que ha sido objeto del examen CE de tipo.

EC type certificate n° / *attestation CE de type n°* / Zertifikat CE
Typ n°/attestato CE del tipo n° / certificado CE de tipo n° :

0082/047/160/08/14/0279

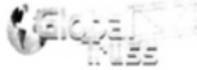
according to / *d'après* / entsprechend / *secondo* / según:
released by / *délivrée par* / ausgestellt durch / *ilasciato da* /
expedido por :

Articles pertinents EN 362 : 2004
APAVE SUDEUROPE SAS, CS60193
13322 Marseille Cedex 16 - France, (0082)

Date / *Date* / Datum / *Data* / Fecha : 26 août 2014

Bernard BRESSOUX

Quality Director / *Directeur Qualité* /
Qualitätsdirektor /
Direttore qualità / Director de calidad



GLOBAL TRUSS CORP.
 10F., No.180, Sec.4,Nanjing E. Rd.,Taipei 10553,Taiwan ROC
 TEL:(02)25776608/25777008 FAX: (02)25771816
 MOBIL:886-932396496
 E-MAIL: global.truss@msa.hinet.net

 Declaration of Performance (DoP) No. F34		
1.Unique identification code of product type	TRUSS SYSTEM F34	
2.Marks	Date, order, point weld, full weld and QC	
3.Intended use	For load-bearing structures in all types of buildings	
4.Name and contact details manufacturer	Global Truss Corp. 10F., NO.180, Sec. 4, Nanjing E. Rd., Taipei 10553, Taiwan ROC	
5.Identification of the construction product:	Structural component and kits for aluminum structures to EXC2 according to EN 1090-3	
6.System of assessment and verification of constancy of performance:	"not mandated"	
7.System of assessment and verification of constancy of performance :	2+	
8.Name and number of the notified body which issued the certificate:	The certification body for construction material TUV NORD Systems GmbH & Co. KG (Hamburg, Germany)- registered under no. 0045- has carried out initial inspection of the plant and factory product control and continuous surveillance, assessment and evaluation of factory production control and issued factory production control certificate with no.: 0045-CPR-1090-1, 00261. TUVNORD.2014.001	
9.Declared technical characteristics:		
Essential characteristics	Performance	Harmonised technical requirements
Dimensions: 29CM SQUARE TRUSS	F34 Strength calculation Report according EN 1993-1-1 and DIN EN 1999-1-1 with load table	EN 1090-1:2009+A1:2011
10. Confirmation: The performance of the product identified in Items 1 and 2 is in conformity with the declared performance in Item 9. This Declaration of Performance is issued under the sole responsibility of the manufacturer stated in Item 4.		
Signed for and on behalf of the manufacturer by:		
SHENZHEN, 9 Dec. 2013		

3, Imp. Jules Dalou
BP 172
91006 EVRY Cedex
FRANCE

Tél 33. 01 60 77 37 36
Fax 33. 01 60 78 09 88

contact@unicycle.fr
www.unicycle.fr

*Partenaire
des Arts du Cirque*

SIRET 388 944 563 000 13
Code TVA CEE FR40 388 944 563
APE 4642Z
SARL au capital de 80 000 Euros



TISSUS AERIEN *AERIAL FABRIC, SILK*

UNICYCLE certifie que les Tissus ont été testé à une rupture de 1350 Kg, sont conformes aux règles de l'art.
In conformance with general circus regulations.

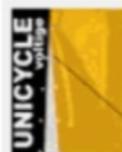
UNICYCLE *Voltage* CMU/WLL 95Kg / CMR/BLL 1350daN

TISSUS pour les Arts du Cirque
Utilisation : doubler la longueur & cravater sur une cloche à tissus
Ne pas laver en machine - stocker dans un endroit sec
Attention aux chutes & glissements rapides, risque de brûlures.
Contrôler régulièrement le bon état général & particulièrement le point d'accroche - Durée max. d'utilisation 3ans ou 300heures.
Fabriqué en France pour Unicycle sous nos spécifications

*FABRIC or SILKS for Circus Arts
Use length doubled & strap around a special fabric hook
Max. use 3 years / 300 hours - Fast slides may provoke burns
Do not machine wash & store in dry place - Check regularly
General condition especially the part strapped around the hook.
Manufactured in France under our specifications.*

www.unicycle.fr

fabrication 2010



3 Imp. J Dalou, 91006 Evry Cx, France
☎ +33 1 60 77 37 36 ☎ +33 1 60 78 09 88
✉ contact@unicycle
<http://www.unicycle.fr>

Certifié par le Gérant
Patrick MAMAN

CERTIFICATE OF CONFORMITY

FIRETOYS AERIAL SILK

Materials:
Finish:
Intended use:
Max users:

100% polyester
mild sheen
Aerial silk climbing and yoga
1

TESTING

Extensive testing is carried out every 6 months on a randomly selected sample or after any component or material change.

WLL using figure 8: 118kg
WLL using aerial hook (Cloche): 150kg

These limits include a user and all accessories connected to the Aerial Silk.

Life Span

Firetoys Aerial silks are certified and rated for 3 Years after first use or 300 hours use.
Usage should be logged appropriately.

Signed:



Yann Waterson: Director

ZERTIFIKAT CERTIFICATE

Hiermit wird bescheinigt, dass die Firma / This certifies that the company

GLOBAL TRUSS CORP.
10F., No. 180, Sec. 4, Nanjing E. Rd.,
Taipei 10553, Taiwan
ROC

berechtigt ist, das unten genannte Produkt mit dem abgebildeten Zeichen zu kennzeichnen
is authorized to provide the product mentioned below with the mark as illustrated

Fertigungsstätte
Manufacturing plant

Global Truss- GYF Bicycle Accessory Factory
ShenZhen, Fu Rong Industrial Area, Sha Jing Town
Bao An County
China

Beschreibung des Produktes
(Details s. Anlage 1)
Description of product
(Details see Annex 1)

Aluminium Traversen System Typ F34
Aluminium truss system F34

Geprüft nach
Tested in accordance with

DIN EN 1990:2010-12 (EUROCODE 0),
DIN EN 1991-1-1:2010-12 (EUROCODE 1)
DIN EN 1993-1-1:2010-12 (EUROCODE 3)
DIN EN 1999-1-1:2014-03 (EUROCODE 9)
DIN EN 1090-1:2012, DIN EN 1090-2:2011
DIN EN 1090-3:2008, DIN EN 13814:2004



Registrier-Nr. / Registered No. 44 780 13013519
Prüfbericht Nr. / Test Report No. 15 780 441466 008
Aktenzeichen / File reference 2.4-4110/05 / 3515 1793

Gültigkeit / Validity
von / from 2015-08-21
bis / until 2020-08-20



TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2015-08-21

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.de prodcert@tuev-nord.de

Bitte beachten Sie auch die umseitigen Hinweise
Please also pay attention to the information stated overleaf



CERTIFICATE OF ACHIEVEMENT

High Speed Training certifies that

Anthony Bate

has completed

Risk Assessment

A high quality interactive online training course designed to give candidates the tools they need to produce a thorough risk assessment

www.highspeedtraining.co.uk

Issued On: 21/04/2017
Recommended Renewal Date: 21/04/2018
Certificate Number: T-972307-1001674
To verify please visit: www.highspeedtraining.co.uk/verify



A handwritten signature in black ink, appearing to read "G. Fowler".

Gary Fowler on behalf of High Speed Training

Thank you for reading

For more information, please contact;

Emma Bate

Spectacular Entertainment

spectacular-entertainment@outlook.com

(+44)7968 942166