

# VGW-plan Air Play



<b>Productie</b>	Air Play
<b>Gezelschap</b>	Acrobuffos
<b>Producent</b>	Global Performing Arts Group (GPAG)
<b>TOT technisch producent</b>	Seb Jongejans
<b>TOT technicus</b>	Jacco Windt
<b>Technicus gezelschap</b>	todd Little

## Inleiding

Voor deze productie is door de technisch coördinator van de producent dit Veiligheids-, Gezondheids- en Welzijnsplan (VGW-plan) opgemaakt omdat de technische productie vrijwel helemaal aan Nederlandse zijde is verzorgd. Dit document is mede tot stand gekomen op grond van informatie gegeven door de technicus van het gezelschap. Ten aanzien van mogelijke risico's voor medewerkers van het gezelschap en het theater en voor het publiek, in verband met veiligheid, gezondheid en welzijn, zijn de volgende onderwerpen onderzocht en is een voorbeeld van een internationale PRIE toegevoegd.

## Verantwoordelijkheden

De verantwoordelijke persoon vanuit het gezelschap voor veiligheid, gezondheid en welzijn bij deze productie is de technicus. De eindverantwoordelijkheid t.a.v. de veiligheid van theatermedewerkers en publiek ligt bij het theater. De verantwoordelijkheid voor de uitwisseling van gegevens ligt bij de technisch coördinator. Gedurende de tournee is de Nederlandse technicus van TOT aanspreekpunt voor theater en gezelschap tijdens opbouw, repetitie, voorstelling en afbouw.

## Decor

Er is niet echt een decor maar op het podium staan een aantal ventilatoren die gebruikt worden voor het laten vliegen van diverse objecten. Daarmee wordt een soort Vortex gecreëerd op het podium en om controle te houden over de vliegende objecten is het van belang dat de luchtbehandeling systeem van het theater uit staat. Voor de afstoppen maken we deels gebruik van materialen van het theater, 2 set poten van het gezelschap en 1 zwarte fond ingehuurd bij NDT. Alle doeken zijn brandveilig behandeld.

## Kostuums

Bij het maken van de kostuums en rekvisieten is rekening gehouden met draagcomfort en hanteerbaarheid. De kostuums zijn 'alledaagse' kledingstukken.

## Licht

Ten behoeve van het lichtplan wordt een combinatie gemaakt van materiaal van het theater en door de producent ingehuurde apparatuur. Deze apparatuur wordt regelmatig gecontroleerd.

## Geluid

Er wordt gebruik gemaakt van materiaal van het theater. Het geluidsvolume is bescheiden.

## Speciale effecten

Er wordt gebruik gemaakt van rook en van een bladblazer.

Er wordt gebruik gemaakt van ventilatoren om objecten te laten vliegen. Dit kan zorgen dat er wat stof en confettis in de lucht komen en daardoor ook in de zaal.

Voor het laten zweven van de ballonnen wordt er gebruik gemaakt van Helium. Er is een heliumtank (B-fles) ingehuurd bij materiaalservice. De tank staat tijdens de voorstelling backstage of in de trailer. Het gezelschap heeft ervaring met het omgaan met zulke tanks.

## Toneel

De ruimte rondom het toneel is tijdens de voorstelling donker. Kabels worden zoveel mogelijk gebundeld weggewerkt in de in het theater aanwezige goten of op de vloer afgeplakt. Waar nodig graag anti-struikelmatten. Het brandscherm wordt niet geblokkeerd en kan normaal gesloten worden. De Nederlandse technicus zal samen met de techniek van het theater

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toezien op de veiligheid op en om het toneel in het algemeen (brandblusmiddelen, EHBO-middelen, nooduitgangen, vluchtwegen etc.).

## Publiek

Er wordt gebruik gemaakt van trappertjes van het tyhetaer om van het podium de zaal in te komen.

Er wordt gebruik gemaakt van Latex Balonnen, ook in de zaal. Aan het theater om dit aan het publiek aan te geven wanneer er mensen zijn met een latex allergie.

## Personeel

Het technisch personeel van het gezelschap en de producent is voldoende geschoold en gekwalificeerd. Behalve bij het stellen van licht wordt er niet op hoogte gewerkt. Voor het stellen van het licht wordt materiaal van het theater gebruikt.

## Werk- en rusttijden

De planning van de tournee is dusdanig opgezet dat de medewerkers voldoende rust krijgen, een en ander geheel volgens de Nederlandse arbeidstijdenwet.

## Event Health & Safety Plan

Event name	Air Play				
Event type	Physical Theater / Circus Performance				
Location	Bruce Mason Theatre [The Promenade, Takapuna, Takapuna Beach 0622, New Zealand]				
Event Start Date	Company Arrival Thursday, October 11, 2018	Event End Date	Company Departure Monday, October 16, 2018	Document prepared by	Flora Vassar SM/Lighting Supervisor
Event Start Time	Publicity TBD	Event End Time	19:30 Flight to NYC	Date prepared	Mon October 1, 2018
Pack In Date	Friday, October 12, 2018	Pack Out Start Date	Sunday, October 14, 2018	Maximum number of participants (approx)	4 company members plus local staff and crew; up to 1,101 audience members
Pack In Time	8:00 - 18:00	Pack Out Time	20:30 - 22:30; cargo transfer Mon October 15 after 13:00		
Client roles			Subcontractor(s) and roles * May require additional H&S documentation		
Seth Allan Bloom - Producer / Creator / Performer					
Christina McDougall Gelsone - Producer / Creator / Performer					
Todd Alan Little - Technical Director					
Flora Ann Vassar - Stage Manager / Lighting Supervisor					
Volunteers and roles			On the day communication procedure		
No volunteers will be working on the production that AIR PLAY is aware of.			Verbal communication (including that over comm systems) in English between crew and supervisors as is typical of theater		
Event Description					
Air Play is a 60-minute circus-style performance produced, performed, and created by Seth Bloom and Christina Gelsone. The company of four will work with local production managers, technical directors, electricians and crew to load in, run three performances, and load out.					

## Hazard Identification and Plan of Control (please add additional lines if required)

\* Use attached risk matrix to determine pre & post control risk levels.

Pack-In/out Hazards e.g. moving vehicles, manual handling, shared workspaces, work at heights etc							
Hazard Description	What could go wrong?	Significant Hazard (Yes/No)	Serious Harm (Yes/No)	Eliminate / Isolate / Minimize	Description of controls		Person responsible
Manual handling	Sprains, strains and fractures	Yes	Yes	Minimize	Mechanical aids to lift. Manual handling training. Two people lift	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Working at heights	Fractures, bruising, concussion	Yes	Yes	Eliminate/ Isolate/ Minimise	Complete as much work as possible at ground level. Use elevated equipment where possible. Use appropriate PPE. All PPE tested and maintained as per manufacturer instructions. All operators trained at working at heights. Safe Work Method developed and operators trained.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Electricity	Shock, burns, lack of consciousness, cardiac arrest	Yes	Yes	Minimize	All electrical leads tested and tagged. Only use trained and Registered Electrician. Lock Out/Tag Out energy sources where possible by trained operators.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live

Plant / Machinery	Collision with pedestrians, cuts, bruises, amputation, pinching, rollover	Yes	Yes	Isolate/ Minimize	Where possible develop and cordon off pedestrian pathways. Trained operators to use plant and Equipment. Wear appropriate PPE. Plant and equipment fitted with correct guarding, ROPS etc. Plant and equipment inspected and tested periodically. Signage warning public about Moving Plant.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Hazardous substances (Present in venue)	Dizziness, vomiting, respiratory problems, burns, irritation, itching, allergic reactions	Yes	Yes	Isolate/ Minimize	Substitute with less hazardous substances where possible. Trained persons to use hazardous substances as specified by the MSDS. Develop Safe Work Method in use, storage and handling of substances. Use Correct PPE. Maintain a hazardous substance register on site and update new ones when introduced.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Noise	Temporary / Permanent Hearing Loss	Yes	Yes	Minimize	Use the correct grade of ear protection. Review the process or the equipment to look for less noisy options. Take appropriate breaks to reduce exposure.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live

Work place conditions	Stress, bullying, physical injury, inadequate lighting, inadequate facilities	Yes	Yes	Eliminate/ Minimize	Facilities inspection and maintenance. Systematic hazard identification activities. Site security. Staff training. Periodic performance review.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Stage Loading dock movements// Trucks etc. falling	Crushing, collision, being run over	Yes	Yes	Minimize	Licensed truck drivers. Only essential staff in the vicinity during truck movements. Use spotters. Good lighting in area.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Stage Stage Fly System	Hit by moving objects, imbalance	Yes	Yes	Minimize	Approved/ trained fly system operators only. Movements only when in view. Verbal signals given when system is being set up.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Stage Forestage/ orchestra pit	Fall from height	Yes	Yes	Isolate	Safety net installed when stage extension is lower than floor level (11 metre))	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Stage Galleries	Fall from height, items falling	Yes	Yes	Minimize	Restricted Access. Kick rails, hand rails. Good lighting. No loose items on floor.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live

Stage Rigging failure	Rigging failure. Items falling on people, crushing, bruising, cuts and abrasions.	Yes	Yes	Minimize	Area below kept clear. Competent riggers. Items meet manufactures specifications. Motors etc. tested / certified.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Stage Working at height	Fractures, bruising, concussion	Yes	Yes	Eliminate/ Isolate/ Minimize	Complete as much work as possible at ground level. Use elevated equipment where possible. Use appropriate PPE. All PPE tested and maintained as per manufacturer instructions. All operators trained at working at heights. Safe Work Method developed and operators trained. EWP equipment certified. Commercial ladders.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Stage Electricity	Shock, burns, lack of consciousness, cardiac arrest	Yes	Yes	Minimize	All electrical leads tested and tagged. Only use trained and Registered Electrician. Lock Out /Tag Out energy sources where possible by trained operators.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
Booms difficult to focus	Falls, Dropped objects	Yes	Yes	Minimize	Examine inertia reel solution.	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live

Circle Front Focus safety	Falls, Dropped objects	Yes	Yes	Minimize	Examine rail beneath seat and fixed lanyard	As specified in the Regional Facilities Auckland Hazard Register for the Bruce Mason Centre - Auditorium, prepared January 2017 and reviewed January 2018. Activities for <i>Air Play</i> fall within the normal working conditions of the venue, and do not introduce unusual risks.	Venue Staff / Auckland Live
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## Event Hazards e.g. electrical, set or staging structures, noise, lasers, trips, falls etc

Hazard Description	What could go wrong?	Likelihood	Consequence	Pre-control risk level	Description of controls	Likelihood when controls in place	Consequence when controls in place	Post-control risk level	Person responsible
Cables on floor between dimmer boxes, fans, and blowers; Roving light cable on floor	Slips, trips	2 - Unlikely	2 - Minor	Low	Cables are covered or taped down where practicable as some need to remain mobile during the performance. Cables placement is checked daily.	2 - Unlikely	2 - Minor	Low	Air Play and Venue Staff
Use of electric fans, and electric leaf blowers	Electric shock, contact with fan blades, dust/small bits blown in people's eyes or skin	2 - Unlikely	1 - Insignificant	Low	Fans are inspected for electrical safety before each leg of tour. Fans are recently acquired and in good condition. All fan blades are well protected by fan housing or cages.  Air Play Artists/ technicians check equipment daily.  Venue Staff touch and use electric fans and leaf blowers only under the guidance of Air Play.	2 - Unlikely	1 - Insignificant	Low	Air Play and Venue Staff



Use of latex balloons on stage and in the audience.	Allergies to latex	1 - Rare	2 - Minor	Low	Crew members with allergies will not handle balloons. Audience members will be informed of latex balloon use by means of signage FOH, and if identified will be seated to allow them to assess their safety and vacate the auditorium as necessary (on aisles and/or in the rear of the venue).	1 - Rare	2 - Minor	Low	Venue Staff
Stairs from stage to audience floor. Artists and two audience volunteers use during show.	Falls	1 - Rare	2 - Minor	Low	Hand rails are not practicable. Stairs have been well marked. Audience members are always escorted on and off stage by Artists.	1 - Rare	2 - Minor	Low	Air Play
Artists in audience, sometimes walking through rows and/or stepping on arm rests.	Slips, falls, stepping on toes/hands	1 - Rare	1 - Insignificant	Low	Artists are trained acrobats, performing as partners for more than 10 years.	1 - Rare	1 - Insignificant	Low	Air Play and Audience
Fabric and balloons fly over audience heads	Children running to catch items, slips, falls	1 - Rare	1 - Insignificant	Low	Objects are not heavy enough to cause injury. Ushers are free to intervene in cases of extreme activity.	1 - Rare	1 - Insignificant	Low	Audience and Venue Staff
Use of fabrics	Fire	1 - Rare	1 - Insignificant	Low	Fabric was purchased from theatrical supply house and comes with Certificate of Flame Resistance.	1 - Rare	1 - Insignificant	Low	Air Play and Source

Use of mylar confetti	Fire	1 - Rare	1 - Insignificant	Low	Small amounts of confetti are used. Confetti is kept onstage. Confetti is used briefly and swept up. Confetti is sold by theatrical company and is flame resistant.	1 - Rare	1 - Insignificant	Low	Air Play and Source
Use of styrofoam packing peanuts	Fire, slip, fall	1 - Rare	1 - Insignificant	Low	Peanuts are kept onstage and cleaned up soon after they are released. Peanuts are flame resistant.	1 - Rare	1 - Insignificant	Low	Air Play company
On-stage acrobatics associated with performance	Slip, fall	1 - Rare	2 - Minor	Low	Artists are trained acrobats who have performed as partners for more than 10 years	1 - Rare	2 - Minor	Low	Air Play company

## Additional Health & Safety information relating to this event:

*Note any additional information here.*

*Subcontractor/contractor plans attached or covered in this plan* ☐ Yes ☐ No ☐ Not applicable

*Any other relevant H&S documentation?* ☐ Yes ☐ No ☐ Not applicable (If yes, please attach)

*Activities for Air Play fall within the normal working conditions of the venue, and do not introduce unusual risks. AIR PLAY is not responsible for hiring of local crew. As such, AIR PLAY does not take responsibility for their training or aptitude. Venue staff will be on site at all times to supervise any crew hired by the venue. All safety-related decisions made on site will be made in collaboration with venue staff. AIR PLAY is not responsible for the safety of the facility or equipment provided by the facility. It is the venue management's responsibility to ensure the safety of their facilities, equipment and staff.*

Consequence X Likelihood = Risk level

## Consequence

## Likelihood

Level	Descriptor	Description
1	Insignificant	No injuries or First Aid injury and no lost time
2	Minor	Medical Treatment and/ or less than 2 weeks of reduced hours or modified duties and/or no lost time.
3	Moderate	Notifiable event and /or less than 6 days lost time and/or less than 3 months of reduced hours or modified duties.
4	Major	Notifiable event and/or more than 5 days lost time and/or more than 3 months of reduced hours or modified duties.
5	Severe	Fatality and /or permanent disability

Level	Descriptor	Description	Frequency
1	Rare	May occur in exceptional circumstances	Once in 10 years
2	Unlikely	Could only occur very occasionally	Once in 5-10 years
3	Possible	Might occur from time to time	Once in 2-5 years
4	Likely	Will probably occur often	Once in 1-2 years
5	Almost Certain	Is expected to occur in almost all circumstances	More than once a year

## Level of risk

CONSEQUENCES	Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Severe (5)
LIKELIHOOD					
Almost Certain (5)	M	M	S	H	H
Likely (4)	L	M	S	S	H
Possible (3)	L	M	M	S	S
Unlikely (2)	L	L	M	M	M
Rare (1)	L	L	L	L	M

# Regional Facilities Auckland Hazard Register

Name of Venue:	Bruce Mason Centre - Auditorium	
Date : January 2017	Review Date: January 2018	

List all the hazards identified with different physical locations in the venue OR List all hazards according to the task performed within the venue. Hazards include but not limited to physical, chemical, biological and electrical. All controls implemented must reflect the hierarchy of controls; Eliminate, Isolate and Minimise. This Register must be reviewed and updated at least annually or following an incident or near miss.

Hazard	Injury/ Illness	Significant hazard (Yes/No)	Serious Harm ( Yes/NO)	Eliminate/ Isolate/Minimise	Current controls
Manual handling	Sprains, strains and fractures	Yes	Yes	Minimise	Mechanical aids to lift. Manual handling training. Two people lift.
Working at heights	Fractures, bruising, concussion	Yes	Yes	Eliminate/Isolate/Minimise	Complete as much work as possible at ground level. Use elevated equipment where possible. Use appropriate PPE. All PPE tested and maintained as per manufacturer instructions. All operators trained at working at heights. Safe Work Method developed and operators trained.
Electricity	Shock, burns, lack of consciousness, cardiac arrest	Yes	Yes	Minimise	All electrical leads tested and tagged. Only use trained and Registered

# Regional Facilities Auckland Hazard Register

					Electrician. Lock Out/Tag Out energy sources where possible by trained operators.
Plant / Machinery	Collision with pedestrians, cuts, bruises, amputation, pinching, rollover	Yes	Yes	Isolate/Minimise	Where possible develop and cordon off pedestrian pathways. Trained operators to use plant and Equipment. Wear appropriate PPE Plant and equipment fitted with correct guarding, ROPS etc. Plant and equipment inspected and tested periodically. Signage warning public about Moving Plant.
Hazardous substances	Dizziness, vomiting, respiratory problems, burns, irritation, itching, allergic reactions	Yes	Yes	Isolate/Minimise	Substitute with less hazardous substances where possible. Trained persons to use hazardous substances as specified by the MSDS. Develop Safe Work Method in use, storage and handling of substances Use Correct PPE Maintain a hazardous substance register on site and update new ones when introduced.
Noise	Temporary/Permanent hearing loss	Yes	Yes	Minimise	Use the correct grade of ear protection. Review the process or the equipment to look for less noisy options. Take appropriate breaks to reduce exposure.
Work place conditions	Stress, bullying, physical injury, inadequate lighting,	Yes	Yes	Eliminate /Minimise	Facilities inspection and maintenance. Systematic hazard identification

# Regional Facilities Auckland Hazard Register

	inadequate facilities				activities Site security. Staff training. Periodic performance review.
<b>Stage</b> Loading dock movements/Trucks etc. falling	Crushing, collision, being run over	Yes	Yes	Minimise	Licensed truck drivers. Only essential staff in the vicinity during truck movements. Use spotters. Good lighting in area.
<b>Stage</b> Stage Fly System	Hit by moving objects, imbalance	Yes	Yes	Minimise	Approved/trained fly system operators only. Movements only when in view. Verbal signals given when system is being set up.
<b>Stage</b> Forestage/orchestra pit	Fall from height	Yes	Yes	Isolate	Safety net installed when stage extension is lower than floor level (1 metre)
<b>Stage</b> Galleries	Fall from height, items falling	Yes	Yes	Minimise	Restricted Access. Kick rails, hand rails. Good lighting. No loose items on floor
<b>Stage</b> Rigging failure	Rigging failure. Items falling on people, crushing, bruising, cuts and abrasions	Yes	Yes	Minimise	Area below kept clear. Competent riggers. Items meet manufactures specifications. Motors etc. tested / certified.
<b>Stage</b> Working at height	Fractures, bruising, concussion	Yes	Yes	Eliminate/ Isolate/ minimise	Complete as much work as possible at ground level. Use elevated equipment where possible. Use appropriate PPE. All PPE tested and maintained as per manufacturer instructions.

# Regional Facilities Auckland Hazard Register

					All operators trained at working at heights. Safe Work Method developed and operators trained. EWP equipment certified. Commercial ladders.
<b>Stage</b> Electricity	Shock, burns, lack of consciousness, cardiac arrest	Yes	Yes	Minimise	All electrical leads tested and tagged. Only use trained and Registered Electrician. Lock Out/Tag Out energy sources where possible by trained operators.
Booms difficult to focus	Falls, Dropped objects	Yes	Yes	Minimise	Examine inertia reel solution.
Circle front Focus safety	Falls, Dropped objects	Yes	Yes	Minimise	Examine rail beneath seat and fixed lanyard