



OPEN SPACE SERVICES

JULY 25, 2020

Playground Audit

BLANCHETOWN FITNESS

MID MURRAY COUNCIL



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DISCLAIMER

Whilst care has been taken to ensure the accuracy of the information provided in this report, Open Space Services and its employees, take no responsibility for any errors, omissions or changes to information that may occur and disclaim all responsibility and liability to any person in respect to anything done or omitted to be done in reliance upon information within this publication.

PREAMBLE

This report assesses the nominated play space against the relevant Australian Standards listed below.

Australian Standard AS 4685

Playground Equipment and Surfacing

Part 0: Development, installation, inspection, maintenance and operation

Part 1: General safety requirements and test methods

Part 2: Particular safety requirements and test methods for swings

Part 3: Particular safety requirements and test methods for slides

Part 4: Particular safety requirements and test methods for cableways

Part 5: Particular safety requirements and test methods for carousels

Part 6: Particular safety requirements and test methods for rocking equipment

Part 11: Particular safety requirements and test methods for spatial networks

Australian Standard AS 4422

Playground surfacing

Specifications, requirements and test methods

Marking

Individual play equipment structures are to be permanently marked with a plate clearly identifying the name, address, the equipment reference and year of manufacture and a base level mark for the associated impact attenuating surface. In addition, equipment stating compliance with the Australian Standards must be marked. Equipment not marked by the manufacturer will have an allocated serial number supplied, some equipment will have the same manufacturers number for all equipment, this too will receive an individual serial number for each piece of equipment, this will allow for easier identification

Access, Entrance and Surrounds

Playgrounds should have clear access for pathways and supervision without trip hazards, sharp protrusions or weeds. Rubbish bins, water bubblers and seats should be inspected regularly to ensure working order.

Free Height of Fall

The free height of fall must not exceed 1800mm for Supervised Early Childhood Settings and 3000mm for All Age Settings. The free height of fall is the greatest vertical distance measured from the intended body support of the equipment to the impact area below.

Fall zone

A minimal fall zone of 1500mm is required around equipment that have a height 600mm (with fall heights of more than 600mm above ground level) and between individual items of equipment. An increase in the falling space/impact area for equipment with platforms measuring more than 1500mm above ground level.

Falling spaces for specific equipment items with forced movement such as slides, swings and carousels. The falling space/impact area for equipment with forced movement cannot overlap with other falling spaces/impact areas.

Surfacing

Surfacing to Australian Standards 4685.0:2017 be provided across the falling space/impact area where play equipment provisions are more than 600mm above ground level.

Finish of Equipment

Equipment shall have no protruding nails, bolt threads, projecting wire rope terminations, pointed or sharp ended components. Surfaces are finished smooth with no splintering. All playground equipment should be structurally stable, in good condition and fit for children's play.

Protection Against Falling

Guardrails/barriers to be installed for heights of more than 600mm above ground level of intended use. Continuous handrails are required on each side of access ways and bridges. All items intended for gripping must have a diameter that measures between 16mm-45mm.

Head and Neck Entrapment

Head and neck entrapment refer to any opening at a height of more than 600mm above ground level that would allow a child's body to pass through but not their head. This can result in death or serious permanent injury. AS 4685 states that bound head and neck entrapment (dimensions of 89mm – 230mm), partially bound and V-shaped openings, shearing or moving openings (flexible and rigid parts with openings less than 230mm) must be avoided. It is therefore critical that any head entrapment hazards are eliminated immediately.

Clothing/Hair Entrapment

Toggle/clothing entrapment refers to situations where parts of clothing/hair may become trapped and may lead to serious or fatal injury.

Foot Entrapment

Foot entrapment refers to situations where gaps greater than 30mm present on surfaces inclined up to 45° intended for running/walking, completely bound rigid openings in surfaces for running/climbing.

Finger Entrapment

Finger entrapment refers to any opening that would allow a child's fingers or thumbs to be trapped in a fall situation and can be responsible for traumatic long-term injury. Gaps or openings with dimensions of 8-25mm at 1000mm or more above playing surface level must be eliminated.

Means of Access

Equipment is designed to provide safe ascent or descent. Means of access include steps, stairs, ladders and ramps. The equipment shall be designed to ensure that adults are able to gain access to assist children within the equipment.

Natural Playspaces

Natural play elements incorporated into a playground. Where this cannot be applied, a risk benefit assessment may be required to determine the suitability of such elements. A natural habitat will attract wildlife. Ensure that an inspection of the playspace is conducted before children enter. Regular maintenance to remove debris and weeds is recommended.

Documentation

The playground owner/operator must ensure that a Playground Safety Management System is established to include the recording and archiving of documentation.

Documentation to be archived includes:

- • Policies and procedures
- • Reports e.g. accident/injury
- • Inventory/Equipment register
- • Inspection checklists
- • Works orders
- • Maintenance actions
- • Certification records e.g. equipment, surfacing
- • Manufacturer's warranty details
- • Manufacturer's installation, inspection and maintenance instructions
- • Operating Instructions (if applicable)

Maintenance

Routine maintenance checks to be conducted on a regular basis. These include the inspection of all timber, wear and tear on chains, condition of all play items (cracks, corrosion, graffiti, etc), and insect infestation.

All maintenance schedules should be collected from suppliers of equipment and resources made available to meet the requirements of the maintenance schedule. Regular inspections are required. Timber components will require regular sealing and fixtures will require tightening. It is crucial that regular inspections and prompt repairs be carried out to ensure the safe upkeep of play facilities.

Please Note: The standards are not law and are intended as a guide to safety within playgrounds.

Certificate of Audit



22 Egret Place
Hewett SA 5118

Consulting Services to Mid Murray Council

Date	Services Performed By:	Services Performed For:
July 25, 2020	Open Space Services 22 Egret Place Hewett SA 5118	Mid Murray Council Caurnamont Fitness Park

This Certificate of Playground Auditing Summary is issued pursuant to the Australian Standards between **Mid Murray Council** and **Open Space Services** effective **August 1, 2020**

Note: If there is no serial number, the date plate will be used as the serial number with a sequence number attached if more than one date plate. If no serial number exists, one will be allocated to it.

Serial Number: **BFP-001** Serial Number: **BFP-003** Serial Number: **BFP-005**
Serial Number: **BFP-002** Serial Number: **BFP-004**

Date and time of audit

The Services commenced on **July 25, 2020**, and shall continue through **July 25, 2021**.

Certification by auditor

Certifying Auditor: **Barry Rolton – Open Space Services**

Defects outstanding:0..... Defects corrected: Date:



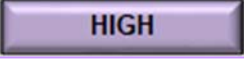

Remedial works outstanding: ...0..... Works completed: Date:

Certification to standard: *Barry Rolton* Date: **25/7/2020**

Certified safe for use: *Barry Rolton* Date: **25/7/2020**

Risk Matrix

		CONSEQUENCE				
		LITTLE OR NO INJURY	MINOR INJURY REQUIRING FIRST AID	MODERATE INJURY CAUSING ABSENCE FROM SCHOOL	SERIOUS INJURY WITH LONG TERM CONSEQUENCES	DEATH OR DISABILITY
LIKELIHOOD	RARE (Highly unlikely event)	LOW	LOW	LOW	LOW	LOW
	UNLIKELY (Conceivable event)	LOW	LOW	LOW	MEDIUM	MEDIUM
	POSSIBLE (Could occur event)	LOW	LOW	MEDIUM	MEDIUM	HIGH
	LIKELY (Almost certain event)	LOW	MEDIUM	MEDIUM	HIGH	HIGH
	ALMOST CERTAIN (Will occur event)	LOW	MEDIUM	HIGH	HIGH	UNACCEPTABLE RISK

	Low is the risk related to all other areas of the inspection, this does not require any works. Low is given rather than “No Risk” as there may be a risk that is unknown such as when the equipment gets hot, it could burn a toddlers skin.
	A medium risk is most likely to apply to top ups of loose fill top ups where the level has dropped as far as 200mm. This risk has the three month completion date and starts from the time of inspection.
	A risk assessment of high does have to be rectified or reach a risk assessment of low. This will usually take no longer than one month from the date of receiving the report.
	Any items or works under this risk assesment needs to be carried out as soon as possible or the item needs to be bunted off if iminant injury is possible.

Priority Rating

There are 4 priority rating

- Low** Minor to No foreseeable problems
- Medium** Indicates attention required within 2-3 months
- High** Indicates immediate attention required
- Urgent** Make safe, bunt off asap

General inspection of Play equipment and general area

On arrival, a general inspection is required for both safety and to identify the area and how it is generally utilised. This is also a requirement for risk assessment that was supplied at the time of quotation.

VISUAL INSPECTION		
Play Equipment	Findings	Rating
Debris in the playground that may be hazardous, such as broken glass, needles or animal fouling.	The playground is clean with no areas of debris.	LOW
Loose-fill surfacing levels that are at inadequate levels.	Softfall depth is 300mm and only recently installed.	LOW
Damage to unitary surfacing	No, synthetic surface within this playground.	LOW
Equipment that is broken or missing as a result of use or vandalism.	The equipment is all new and has no defects	LOW
The condition of ancillary items, such as barbecues, tables, rubbish bins, etc.	All of the ancillary items are in good condition, most are not of an age where they would be showing signs of deuteriation.	LOW
Dead or damaged overhanging branches that may potentially fall onto the playground.	No trees were affecting both play and ancillary equipment.	LOW
Comments		
No work is required.		

Fitness Equipment

SN: **BFP-001**

SN: **BFP-002**

SN: **BFP-003**

SN: **BFP-004**

SN: **BFP-005**



OPERATIONAL INSPECTION		
Fitness Equipment	Findings	Rating
Excessive wear of moving parts (including chain links).	No moving parts	LOW
Are all bolts and fasteners secure?	All bolts and fixtures are secure	LOW
The structural adequacy and/or stability of all fitness equipment NOTE: Equipment that relies on a single anchor or attachment point should be carefully inspected.	The structural stability is acceptable on the item.	LOW
Excessive corrosion, particularly within structural members.	No corrosion was found on the equipment.	LOW
Are all structural attachments affixed tightly to their respective anchor points and attachment points sound with no wear or pull out from fixture points?	The equipment is secure with no wear	LOW

Comments

Equipment is as new condition; the equipment operates as it should.



OPERATIONAL INSPECTION		
Fitness Equipment	Findings	Rating
Excessive wear of moving parts (including chain links).	No moving parts	LOW
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Comments

Equipment is as new condition; the equipment operates as it should.



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OPERATIONAL INSPECTION		
Fitness Equipment	Findings	Rating
Excessive wear of moving parts (including chain links).	No moving parts	LOW
Are all bolts and fasteners secure?	No bolts or fasteners on this equipment.	LOW
The structural adequacy and/or stability of all fitness equipment NOTE: Equipment that relies on a single anchor or attachment point should be carefully inspected.	The structural stability is acceptable on the item.	LOW
Excessive corrosion, particularly within structural members.	No corrosion was found on the equipment.	LOW
Are all structural attachments affixed tightly to their respective anchor points and attachment points sound with no wear or pull out from fixture points?	The equipment is a series of rigid structure with no moving parts.	LOW

Comments

Equipment is as new condition; the equipment operates as it should.



OPERATIONAL INSPECTION		
Fitness Equipment	Findings	Rating
Excessive wear of moving parts (including chain links).	No moving parts	LOW
Are all bolts and fasteners secure?	No bolts or fasteners on this equipment.	LOW
The structural adequacy and/or stability of all fitness equipment NOTE: Equipment that relies on a single anchor or attachment point should be carefully inspected.	The structural stability is acceptable on the item.	LOW
Excessive corrosion, particularly within structural members.	No corrosion was found on the equipment.	LOW
Are all structural attachments affixed tightly to their respective anchor points and attachment points sound with no wear or pull out from fixture points?	The equipment is a series of rigid structure with no moving parts.	LOW

Comments

Equipment is as new condition; the equipment operates as it should.



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OPERATIONAL INSPECTION		
Fitness Equipment	Findings	Rating
Excessive wear of moving parts (including chain links).	No wear as it is only quite new.	LOW
Are all bolts and fasteners secure?	No bolts or fasteners on this equipment.	LOW
The structural adequacy and/or stability of all fitness equipment NOTE: Equipment that relies on a single anchor or attachment point should be carefully inspected.	The structural stability is acceptable on the item.	LOW
Excessive corrosion, particularly within structural members.	No corrosion was found on the equipment.	LOW
Are all structural attachments affixed tightly to their respective anchor points and attachment points sound with no wear or pull out from fixture points?	The equipment is a series of rigid structure with no moving parts.	LOW

Comments

Equipment is as new condition; the equipment operates as it should.



Completion Criteria

The twelve-monthly audit undertaken by Open Space Services provide the following summary in regards to condition of the Play Equipment and summary of outstanding defects.

Serial Number: [CFP-001](#)

- No work required

Serial Number: [CFP-002](#)

- No work required

Serial Number: [CFP-003](#)

- No work required

Serial Number: [CFP-004](#)

- No work required

Serial Number: [CFP-005](#)

- No work required