From: Watson, Geoffrey <Geoffrey.Watson@act.gov.au>
Sent: Friday, January 13, 2023 9:21 am
To: Knight, Kim (ACTEDU) <Kim.Knight@ed.act.edu.au>
Subject: FW: Playground Report/s

OFFICIAL

Hi Kim

I was looking through your latest report, overall not too bad, a few areas that will require your attention.

Regards

Geoff Watson

Geoff Watson | Network Officer: Property Management and Maintenance I Woden/Weston Network
Phone: 02 620 55454 |Fax: +61 2 6205 9333|M:0435 389 566 |Email: geoffrey.watson@act.gov.au
Infrastructure and Capital Works | Education | ACT Governmentwww.education.act.gov.au | Facebook | Twitter | Instagram | LinkedIn | Google+

From: Finch, Stuart <Stuart.Finch@act.gov.au>
Sent: Friday, 23 December 2022 10:55 AM
To: BM.GRNP@ed.act.edu.au
Cc: Watson, Geoffrey <Geoffrey.Watson@act.gov.au>
Subject: Playground Report/s

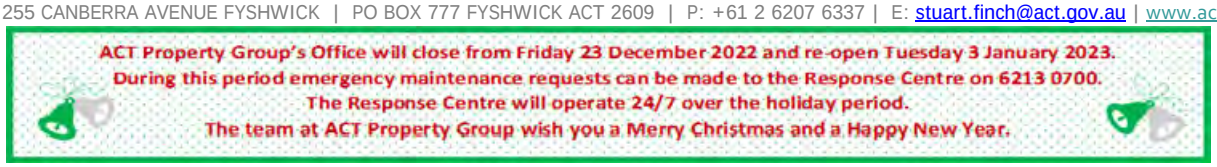
OFFICIAL

Good morning

Please find attached the December playground report/s

Regards
Stuart

Stuart Finch | Assistant Director, Work Plan (Education) | Integrated Facilities Management | ACT PROPERTY GROUP | CHIEF MINISTERS, TREASURY & ECONOMIC DEVELOPMENT DIRECTORATE
255 CANBERRA AVENUE FYSHWICK | PO BOX 777 FYSHWICK ACT 2609 | P: +61 2 6207 6337 | E: stuart.finch@act.gov.au | www.act.gov.au



Received 23/12/22.

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 15-Dec **Structure No./Name :** Senior **Inspector:** J.Gardner

Location		Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net	monitor all chain links + mounts + shooks	L	Monitor	
Bridge		S		
Pommels	Chain/s hooks worn	L	Monitor	
Climbing Frame				
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	Steering wheel missing	H	Needs repair	fixed Removed by School
Decking	Deck underside bracing split welds	H	Needs repair (Weld)	on going fixed
Sculptures				
Sand		S		
Soft Fall	low bark/Rake level	H	needs repair	Rake level everywhere
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Border sleepers splitting	L	Monitor	
Chain bridge				
Pommels				

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

single chain walk missing - L - removed by school until further notice

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 15-Dec **Structure No./Name :** **Fitness Track / Sandpit** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains				
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel	movement in parallel bars sleve	L	Monitor bolt tightness	On going issue
Climbing Net				
Bridge		S		
Cubby House				
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		S		
Decking		S		
Sculptures				
Sand		S		
Soft Fall	low bark	H	rake level + top up as required	Does all this equipment require bark - Level 3? No
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)		S		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Border logs/sleepers splitting - L - Monitor

Fort removed due to constructions works - to be re-Installed at a later date

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Pre-School

Date of Inspection: 15-Dec **Structure No./Name :** **Garran Pre School** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains	Swings to low	H	Needs repair	
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	Movement in slide entry mount	L	Monitor	
Climbing Net		s		
Bridge	chain links/s- hooks worn	L	Monitor	
Cubby House	timber splitting	L	Monitor	
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		s		
Decking		s		
Sculptures		s		
Sand		S		
Soft Fall	bark low/compacted	H	Needs repair	tested its fine + rake
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)				
boat		s		

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

SWING HEIGHT:

ADDITIONAL NOTES:

Cubby has loose screw/nails - M - needs Repair - on goimg

bridge slats splitting/damaged - L - monitor

bent bar on yellow ladder - L - monitor

concrete paths lifting - L - Monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 15-Dec **Structure No./Name :** **Junior + Web playground** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net		S		
Bridge	wearing bridge mounts	L	monitor	
Cubby House		S		
Pommels	Low chain link mounts worn	H	Needs repair	fixed
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	post caps brittle	L	monitor	
Decking		S		
Sculptures				
Sand		S		
Soft Fall	bark low/holes in rubber	H	Needs repair	redke level as needed
Track ride/Ring Tracks				
Fitness Track				
Climb wall	Missing x1 screw and x2 loose	H	Needs repair	fixed
Web Playground	ropes wearing	L	monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

part missing on chain/hose panel - M - needs repair

softfall splittin - L - monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Pre-School

Date of Inspection: 16-Feb **Structure No./Name :** **Garran Pre School** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains	Swings to low	H	Needs repair	
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	Movement in slide entry mount	L	Monitor	
Climbing Net		s		
Bridge	chain links/s- hooks worn	L	Monitor	
Cubby House	timber splitting/worn	L	Monitor	
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		s		
Decking		s		
Sculptures		s		
Sand		S		
Soft Fall	bark low/compacted	H	Needs repair	
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Mud kitchen rotting timber/movement	M	Needs repair	
Bridge	Timber bridge slat damaged/rotting	M	Needs replacement	
boat		s		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repairs needed

bridge slats splitting/damaged/rotting - L - monitor

Screw sticking out the back corner of cubby house - H - Remove

bent bar on yellow ladder - L - monitor

concrete paths lifting - L - Monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 16-Feb **Structure No./Name :** **Junior + Web playground** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		s		
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel		s		
Climbing Net		s		
Bridge	wearing bridge mounts	L	monitor	
Cubby House		S		
Pommels	Low chain links worn	H	Needs repair	
Tyre Equipment				
Basketball Hoop		s		
Panels & Accessories	post caps brittle	L	monitor	
Decking		s		
Sculptures				
Sand		s		
Soft Fall	bark low/holes in rubber	H	Needs repair	
Track ride/Ring Tracks				
Fitness Track				
Climb wall	Missing x2 screw and x1 loose	H	Needs repair	
Web Playground	ropes wearing	L	monitor	

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

SWING HEIGHT:

ADDITIONAL NOTES:

Advised BSO of repaires needed

part missing on chain/hose panel - M - needs repair

softfall splittin - L - monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 16-Feb **Structure No./Name :** **Fitness Track / Sandpit** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains				
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	movement in parallel bars sleve	L	Monitor bolt tightness	On going issue
Climbing Net				
Bridge		s		
Cubby House				
Climbing Frame		s		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories	Balance beam end cap damaged	M	Needs repair	
Decking		s		
Sculptures				
Sand		s		
Soft Fall	low bark/no boarders or softfall?	H	rake level + top up as required	Does all this equipment require bark - Level 3?
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)		s		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Border logs/sleepers splitting/twisting - L - Monitor

Fort removed due to constructions works - to be re-Installed at a later date

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 16-Feb **Structure No./Name :** **Senior** **Inspector:** J.Gardner

Location		Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net	monitor all chain links + mounts + shooks	L	Monitor	
Bridge	Bridge mount plates worn	L	Monitor	
Pommels	Chain/s hooks worn	L	Monitor	
Climbing Frame				
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	Steering wheel missing	H	Needs repair	
Decking	Deck underside bracing split welds	H	Needs repair (Weld)	
Sculptures				
Sand		S		
Soft Fall	low bark/Rake level	H	needs repair	
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Border sleepers splitting	L	Monitor	
Chain bridge				
Pommels	Monitor s hooks staying closed	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: **Advised BSO of repairs needed**

single chain walk missing - L - removed by school until further notice

RECORD 6

Directorate: Education Directorate **Agency / Branch / Event:** Garran Primary

Risk Reference Number	Risk Category	The Risk:	Source:	Impact / Outcome	Risk Owner	Risk Controls Currently in Place	Risk Rating: Consequence	Risk Rating: Likelihood of Consequence	Risk Rating: Inherent Risk Rating	Control Effectiveness Rating	Further Treatments (Y/N)	Comments
3	Assets	Playground erosion WHS issue for students and staff	• Failure to provide safe outdoor school grounds / learning space for chidlren Injury to person	• Workers Compensation / Public Liability claim • Cost implications (time and money for reporting investigation/rehabilitation) • Not a safe learning environment • Reputation damage to the school, the Directorate and Government • Injury to person	Jenny Priest	• Utilising public oval next to school as much as possible	4	3	High	Inadequate	Yes	• Monitor and review this risk as a regular agenda item at School Board meetings *look to remove*
4	Assets	Playground erosion WHS issue for students and staff	• Failure to provide safe outdoor school grounds / learning space for chidlren Injury to person	• Workers Compensation / Public Liability claim • Cost implications (time and money for reporting investigation/rehabilitation) • Not a safe learning environment • Reputation damage to the school, the Directorate and Government • Injury to person	Jenny Priest	• Utilising public oval next to school as much as possible	4	3	High	Inadequate	Yes	• Monitor and review this risk as a regular agenda item at School Board meetings *look to remove*

RECORD 6

Directorate: Education Directorate					Agency / Branch / Event: Garran Primary									
							Risk Rating							
Risk Reference Number	Risk Category	The Risk:	Source:	Impact / Outcome	Risk Owner	Risk Controls Currently in Place	Consequence	Likelihood of Consequence	Inherent Risk Rating	Control Effectiveness Rating	Further Treatments (Y/N)	Comments		

RECORD 7

OFFICIAL - Sensitive - Education Directorate **Agency / Branch / Event:** GARRAN PRIMARY SCHOOL

Risk Reference Number	Risk Category	The Risk:	Source:	Impact / Outcome	Risk Owner	Risk Controls Currently in Place	Risk Rating			Control Effectiveness Rating	Further Treatments (Y/N)	Comments
							Consequence (1-5)	Likelihood of Consequence (1-5)	Inherent Risk Rating			
8	Assets	Playground erosion WHS issue for students and staff	1. Failure to provide safe outdoor school grounds / learning space for children Injury to person	1. Workers Compensation / Public Liability claim 2. Cost implications (time and money for reporting investigation/rehabilitation) 3. Not a safe learning environment 4. Reputation damage to the school, the Directorate and Government 5. Injury to students, staff and visitors	Principal	1. Utilising public oval next to school as much as possible 2. This is a wholistic control method.	4	3	High	Inadequate	Yes	1. Monitor and review this risk as a regular agenda item at School Board meetings Hi Jenny, could you please add your further controls here?

received 25/4/23.

RECORD 8

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 16-Feb **Structure No./Name :** **Fitness Track / Sandpit** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains				
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel	movement in parallel bars sleve	L	Monitor bolt tightness	On going issue
Climbing Net				
Bridge		S		
Cubby House				
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories	Balance beam end cap damaged	M	Needs repair	fixed
Decking		S		
Sculptures				
Sand		S		
Soft Fall	low bark/no boarders or softfall?	H	rake level + top up as required	Does all this equipment require bark - Level 3?
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)		S		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Border logs/sleepers splitting/twisting - L - Monitor

Fort removed due to constructions works - to be re-installed at a later date

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Pre-School

Date of Inspection: 16-Feb **Structure No./Name :** **Garran Pre School** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains	Swings to low	H	Needs repair	fixed
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	Movement in slide entry mount	L	Monitor	
Climbing Net		s		
Bridge	chain links/s- hooks worn	L	Monitor	
Cubby House	timber splitting/worn	L	Monitor	
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		s		
Decking		s		
Sculptures		s		
Sand		S		
Soft Fall	bark low/compacted	H	Needs repair	it's been tested
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Mud kitchen rotting timber/movement	M	Needs repair	fixed
Bridge	Timber bridge slat damaged/rotting	M	Needs replacement	
boat		s		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repairs needed

bridge slats splitting/damaged/rotting - L - monitor

Screw sticking out the back corner of cubby house - H - Remove

bent bar on yellow ladder - L - monitor

concrete paths lifting - L - Monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 16-Feb **Structure No./Name :** **Junior + Web playground** **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net		S		
Bridge	wearing bridge mounts	L	monitor	
Cubby House		S		
Pommels	Low chain links worn	H	Needs repair	
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	post caps brittle	L	monitor	
Decking		S		
Sculptures				
Sand		S		
Soft Fall	bark low/holes in rubber	H	Needs repair	raked + top up as needed
Track ride/Ring Tracks				
Fitness Track				
Climb wall	Missing x2 screw and x1 loose	H	Needs repair	fixed
Web Playground	ropes wearing	L	monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repaires needed

part missing on chain/hose panel - M - needs repair

softfall splittin - L - monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 16-Feb **Structure No./Name :** **Senior** **Inspector:** J.Gardner

Location		Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net	monitor all chain links + mounts + shooks	L	Monitor	
Bridge	Bridge mount plates worn	L	Monitor	
Pommels	Chain/s hooks worn	L	Monitor	
Climbing Frame				
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	Steering wheel missing	H	Needs repair	removed by School
Decking	Deck underside bracing split welds	H	Needs repair (Weld)	
Sculptures				
Sand		S		
Soft Fall	low bark/Rake level	H	needs repair	rake level top up as needed
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Border sleepers splitting	L	Monitor	
Chain bridge				
Pommels	Monitor s hooks staying closed	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: **Advised BSO of repairs needed**

single chain walk missing - L - removed by school until further notice

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 26-Apr **Structure No./Name :** **Fitness Track / Sandpit** **Inspector:** D. Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains				
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	movement in parallel bars sleve	L	Monitor bolt tightness	On going issue
Climbing Net				
Bridge		s		
Cubby House				
Climbing Frame		s		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories	Balance beam end cap damaged	M	Needs repair	
Decking		s		
Sculptures				
Sand		s		
Soft Fall	low bark/no boarders or softfall?	H	rake level + top up as required	Does all this equipment require bark - Level 3?
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)		s		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Border logs/sleepers splitting/twisting - L - Monitor

Fort removed due to constructions works - to be re-Installed at a later date

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Pre-School

Date of Inspection: 26/04/2023 **Structure No./Name :** **Garran Pre School** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains	Swings to low	H	Needs repair	
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	Movement in slide entry mount	L	Monitor	
Climbing Net		s		
Bridge	chain links/s- hooks worn	L	Monitor	
Cubby House	timber splitting/worn	L	Monitor	
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		s		
Decking		s		
Sculptures		s		
Sand		S		
Soft Fall	bark low/compacted	H	Needs repair	
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Mud kitchen rotting timber/movement	M	Needs repair	
Bridge	Timber bridge slat damaged/rotting	M	Needs replacement	
boat		s		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: **Advised BSO of repairs needed**

Metal staples loose on outside of cubby house - H - needs Repair
bent bar on yellow ladder - L - monitor
concrete paths lifting - L - Monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 4/26/2023 **Structure No./Name :** **Junior + Web playground** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		s		
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel		s		
Climbing Net		s		
Bridge	wearing bridge mounts	L	monitor	
Cubby House		S		
Pommels	Low chain links worn	H	Needs repair	
Tyre Equipment				
Basketball Hoop		s		
Panels & Accessories	post caps brittle	L	monitor	
Decking		s		
Sculptures				
Sand		s		
Soft Fall	bark low/holes in rubber	H	Needs repair	
Track ride/Ring Tracks				
Fitness Track				
Climb wall	Missing x2 screw and x1 loose	H	Needs repair	
Web Playground	ropes wearing	L	monitor	

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

SWING HEIGHT:

ADDITIONAL NOTES:

Advised BSO of repaires needed

part missing on chain/hose panel - M - needs repair

softfall splittin - L - monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 4/26/2023 **Structure No./Name :** **Senior** **Inspector:** D.Radman

Location		Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net	monitor all chain links + mounts + shooks	L	Monitor	
Bridge	Bridge mount plates worn	L	Monitor	
Pommels	Chain/s hooks worn	L	Monitor	
Climbing Frame				
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	Steering wheel missing	H	Needs repair	
Decking	Deck underside bracing split welds	H	Needs repair (Weld)	
Sculptures				
Sand		S		
Soft Fall	low bark/Rake level	H	needs repair	
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Border sleepers splitting	L	Monitor	
Chain bridge				
Pommels	Monitor s hooks staying closed	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: **Advised BSO of repairs needed**

single chain walk missing - L - removed by school until further notice

Chain bridge vertical chains can slide along the horizontal chain - H - needs Repair

Garran Primary School
Gilmore Crescent Garran ACT
Playground Safety Inspection Report

Date: 25/05/2023 **Map ID:** A **Work Order:** 222898 **Project:** ACT Schools 2223 Group 10 Stage 2

The purpose of this report is to provide the playground operator with an assessment of the level of risk to children arising from hazards that may be present, (not to eliminate the risks). Advice on how to lower the level of risk to a level acceptable to the playground operator is included. Compliance with AS 4685.0 2017 Playground equipment and surfacing Development, installation, inspection, maintenance and operation, and the AS 4685 2021 series (Playground Equipment and Surfacing) is a core assessment factor in this safety audit. Playgrounds without risks, (or at least perceived risks) are of little value to children. Play value is an important consideration. The art of good playground design is to engage and challenge the child. In doing so the child can expand their horizons, develop strength and agility, improve their co-ordination, socialize or passively ponder; all whilst having fun. AS 4685.0 2017 emphsises the importance of Play Value. Play assets are identified according to their play activity (climbing, hanging, bouncing, sliding etc) to assist operators to assess the play value of the asset. If a playground is made as safe as possible it may achieve none of these attributes, indeed it may induce children to engage in activities that are dangerous to their well being. The age range of the children that the operator is providing for is also a factor in the challenges provided and the acceptable level of risk; though in unsupervised playgrounds children of all ages may choose to play on more challenging equipment. Design requirements are more stringent where playgrounds are easily accessible.

Most injuries occur from falls. To minimize the incidence of injury from falls, playground operators & designers should ensure that the supplier of undersurfacing (particularly unitary* surfacing) provides an independently tested certificate of compliance with AS 4685.0 2017 and tested to the requirements of AS 4422:2022- 'Playground surfacing- Specifications, requirements and test methods' for their installed work.

*Compounds formed into sheets, tiles or matts, or wetpour substances that set on-site.

At a minimum, unitary surfacing shall be tested in accordance with AS/NZS 4422 at least every 3 years.

Loose-fill surfaces need not be impact attenuation tested on a regular basis provided—

(a) the generic product has been certified to the requirements of AS 4685.0 2017 tested to AS 4422 2022 with accompaning report.

(b) that the material is maintained at a minimum depth of 300 mm (or greater where free heights of fall require a greater depth).

Playground operators are advised to ensure that the delivered pinebark has minimal whitewood in accordance with AS 4685.0 2017.

Level 3 Comprehensive and Handover audits include the surrounding playspace environs, not just the installed play equipment.

Actions taken or not taken in response to this report are the responsibility of the playground operator. This report assesses the risk level. Operators are encouraged to exercise their duty of care, by identifying the level of risk that is unacceptable to them, and act accordingly.

Playground Safety Inspection			Inspect No:	6	Last Inspected:	19/05/2022	WO:	222898
Site Type:	School-Pmy	Site	Map ID:	A	Date Inspected:	25/05/2023	Inspection conducted to AS 4685.0 2017 & AS 4685:2021 series and referenced documents & AS 4685.11 2012 by [redacted]	
Operator:	ACT Education	Garran Primary School			Weather:	Fine		
Installer:	Unknown	Gilmore Crescent Garran ACT			Next inspect:	24/05/2024	Risk assessed to ISO 31000.	
Playground Safety Inspection Report	Comprehensive (L3)	Supplier: [redacted]			Manufactured:	4/06/2009	Project:	ACT Schools 2223 Group 10 Stage 2
Accessibility:	Easily accessible	Note: Not easily accessible playgrounds have less stringent compliance requirements than easily accessible (eg stair access) playgrounds in AS 4685. 2021						

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
A	**Documents & Marking**													
	Equipment Certification		Compliance to AS 4685:2021 series, AS 4685.0 2017, AS 4685.11 2012 and AS 4422 2022. for the installed, completed works				Not Sighted							
	Undersurface Certification						Not Sighted							
	As Built Plans						Not Sighted							
	Manuals		Operation, inspection and maintenance				Not Sighted							
	Warranty Certificate		In accordance with AS 4685:2021 series & AS 4685.0 2017 & AS 4685.11 2012				Not Sighted							
	Supplier Instructions						Not Sighted							
	Safety Mgmt System						Not Sighted							
	High use		Specific notes for high use playgrounds				Not Sighted							
	Equipment Identification		Name, address, ABN, of manufacturer/supplier. Equipment reference & Date of manufacture. Manufactured to AS4685.0 (& date) & AS4685.1-6 (&date) & AS 4685.11(&date) (where applicable)				Not complete Important for spare parts, service and warranty claims							
	Softfall Level Mark		Permanent mark on posts above top of footings Important for softfall depth monitoring of loose fill undersurfacing.				Not required on wetpour *Refer advisory note 1*							

[redacted]

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
B	**Environs**													
	Drainage		OK				No visible problems							
	AnimalAccess		Limited				Accessible to small animals							
	CarerAccess		OK				Climber access to cluster							
	DisabilityAccess		Average				Average access to playground							
	Electrical		OK				No major facilities close by							
	Industry		OK				None close by							
	Litter		OK				Clean site							
	MtceAccess		OK				Double gates							
	ShelterShade		Excellent				shelter though a large expanse of wetpour is exposed							
	Usage		High				Intensive on weekdays							
	Supervision		Comprehensiv				Supervised							
	Transport		OK fenced				Close but fenced							
	Toilets		<50 metres				In Building							
	Water		OK				Good access to drinking water							
C	**Activity/Assets**													
	Surface	1	Wetpour	2	PGsurface	Cracks/Gaps	Some are patched and some exposed holes.	2	2	4	L	Repair before they get worse Refer Advisory Note 1 below	800	

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Surface	1	Edging	2	OK		concrete							
	Bridge	1	Pommel	2	Entrapment	Finger	In S hooks	2	4	8	M	Refer Advisory note 2	300	
	Barrier	1	TubeInfill	2	OK		with wheel					Refer Advisory note 2		
	Barrier	1	Feature	2	OK							Refer Advisory note 2		
	Barrier	4	GripHandle	2	FallProtection	Grasp	The width of the gap between the griphandles is greater than 500mm	2	3	6	L	Replace with AS 4685 2021 compliant griphandles Refer Advisory note 2	3200	
	Barrier	1	Slide Entry	2	OK							Forced movement zone with greater consequence		

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Sliding	1	SingleSlide	2	OK							Forced movement zone with greater consequence		
	Bridge	1	Suspension	2	Entrapment	Finger	In the gaps over 1m	2	4	8	M	Refer advisory note 2	800	
	Sliding	1	Firepole	2	OK							Forced movement zone with greater consequence		
	PGstructure	24	Post	2	OK									
	PGstructure	6	Platform	2	OK									
	Climbing	1	Steppers	2	OK									
	Climbing	1	Wall-Inclined	2	OK									
	Climbing	1	Loop-half	2	OK									
	Climbing	1	Wall-Vertical	2	OK									

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Climbing	1	Wall-Inclined	2	OK		Twisted climber							
	Bridge	1	Inclined	2	OK		Between platforms							
	Hanging	1	Ladder	2	OK									
	Shelter	1	ShadeCloth	2	OK		Over playground							

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Balancing	1	Steppers	3	OK									
	Bridge	1	Tunnel	2	OK									
	Balancing	1	II Bars	2	OK									
	Balancing	2	Beam	2	OK									
	Creative	1	SqueezeBars	2	Structural	Missing	Centre bar missing	1	1	1	VL	Replace centre bar	700	

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Landscape	1	Shrubs	2	Obstacle	Impale/Cut	Exposed roots could cause a tripping hazard.	2	3	6	L	Top dress and grass over roots	1200	
	Creative	1	Shopfront	2	OK									
	Landscape	1	Rocks	2	Entrapment	Foot/Leg	Gaps greater than 30mm and less than 100mm	2	4	8	M	Fill gaps	900	
D	Sums	60		2				2	3	41			7900	
		Total		Average				Avge		Total			Total	

The cost of repairs is indicative only. Pricing will vary according to how it is rectified and how much work is included in a single contract. Some repairs may be undertaken in-house.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	

Advisory Notes. **These notes are a partial synopsis guide of common risk issues only. Refer to the AS4685 standards for comprehensive compliance requirements.**

1 **Softfall undersurfacing**

Most playground injuries occur from falls to the playing surface, so adequate installation and maintenance of play surfacing is essential to minimise injuries. The extent of the impact area around playgrounds varies with the Free Height of Fall of the equipement. The Free Space (occupied by the user) and the falling space through which the user may fall must be free of hazards.

Loose-fill softfall

Loose fill softfall under play equipment (such as bark, wood-chips or sand) is required to be installed at minimum 300mm consolidated depth and to never be allowed to displace or compact to less than 200mm depth. This is particularly important in frequently impacted areas such as at the base of slides, firepoles, under swings etc, where displacement is more likely. Playgrounds with high Free Height of Falls that are intensively used, benefit from a 400mm depth to minimise the frequency of raking and topping up the surface in impact areas. These depths are deemed to be adequate from empirical experience, though only testing in accordance with AS 4422 2022 will determine if the impact attenuation is actually adequate.

Areas where the softfall is frequently displaced should be raked and or topped-up to maintain adequate impact attenuation. The frequency depends on the intensity of use and in some locations displacement by surface water flows, inadequate drainage and wind.

Compaction is another issue. Pine bark tends to compact and become pulverised more when it is covered by a rain proof shelter or a prolonged period of drought. Sand tends to compact more readily when rained on. (depending on the type of sand).

The base Level mark on posts is required to visually monitor the intended level the surface, so operators can easily see when loose fill surfaces need topping up.

Ensure that all supplies of softfall are accompanied by a certificate of compliance with AS 4685. AS 4685.0 2017 provides photographic samples of acceptable loose-fill softfall material, particularly with respect to long sharp splinter material that can penetrate skin and eyes.

Above ground installations require edging with sufficient height and structural longevity, to adequately contain the softfall. Corrosion protected bolts to connect pine edging is reccommended as screws often fail due to the timbers warping as it dries. Chamfer top edges to minimise splintering.

To maintain adequate impact attenuation, all loose fill softfall should be monitored frequently for; adequate depth, compaction, displacement and contamination (sharps, glass, faeces and mould).

Unitary surfacing

Unitary surfacing softfall under play equipment (such as site set bonded rubber granules or bonded rubber tiles or Synthetic Grass) should be free of trips, cracks and holes. Ensure that all unitary surfacing softfall installations are accompanied by a certificate of compliance with AS 4685.2021 series and AS 4685.0 2017 and independently tested for compliant impact attenuation in accordance with AS4422 2022 procedures before acceptance of the product.

In cool climate areas (particularly) with high diurnal temperature changes, these rubber bonded products are prone to shrinking and cracking, especially if the temperature drops rapidly before the binder sets, so beware that the warranty is adequate, and that it is installed strictly in accordance with the manufactures specifications by an experienced installer.

Dark coloured unitary surfacing can reach temperatures in excess of 80oC on high UV days (not just summer), so shading and lighter colours are highly recommended. Note: Hi heat surface conditions occur into late afternoons in summer, when the sun is low in the south west. Shade over the equipment only is next to useless at these times. A solar study is highly recommended.

Effective shading of the surface also slows the break down of the polyurethane binder which is susceptible to heat degradation.

Synthetic grass also gets very hot, especially when unshaded.

AS4685.0, 2017 requires that unitary surfacing shall be tested in accordance with AS4422, 2022 procedures at least every 3 years.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
2	**Entrapments.** **Head/Neck:** Many older playgrounds have Head/Neck entrapments (openings in the 89-230mm range) often in Grip/Grasp handles and barriers/climbing frames/fences where the lower edge of the opening is higher than 600mm from the playing surface. These present a medium to high/very high level of risk, depending on their proximity to play events that have forced movement (slides, firepoles etc). Vertical V shapes are a high risk element and shall be re-configured. Grip handles can be fixed by fixing a packer to the adjacent post to reduce the gap to les than 89mm. Barriers/slide entry panels often require replacement with a compliant barrier. **Hair/Clothing:** These are mostly applicable where forced movement (slides firepoles etc) occurs. Gaps can arise due to loose fixings or poor design/assembly. Tighten fixings and fill gaps with durable flexible fillers, so the testing toggle does not catch. **Finger:** Protusions/rotating parts and holes in the 8-25 mm range can catch a finger. Applicable where the hole is 1 metre or more above the playing surface. Fill holes with durable material. Bolts are best as silicone tends to fail over time. Plug ends of pipes. **Whole Body:** Tunnels can entrap the body and have limits on their inside diameter/length ratio and angle of inclination. Tunnel slides minimum internal diameter is 750mm. **Foot/Leg:** Surfaces meant for running or walking (eg bridges) Maximum gap 30mm. No footholds or handholds that can entrap hands or feet/ankles. **Protection from Falling.** ***Not Easily accessible playgrounds:*** **Guardrails:** are not required on platforms less than 1 metre high. Guardrails (Height 600-850mm) are required where platforms are 1-2 metres high. Play element access openings maximum 500mm. **Barriers:** are required to platforms 2-3 metres high. Barrier height >700mm. Play element openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element (over 45^{o}) to a maximum 1200mm width. ***Easily accessible playgrounds:*** **Barriers:** are required to platforms over 600mm high (maximum height 3 metres). Barrier height >700mm. Play element access openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element to a maximum 1200mm. ***SECS Playgrounds:*** As for Easily accessible playgrounds except the maximum platform height is 1.8 metres													

Playground inspection Data Descriptions

behind the Alpha numeric codes used in the Inspection Report

Condition

afety Insp	Description
1	
2	Good
3	Average
4	Poor
5	Requires urgent attention

157762 ACT Schools 1920 Group 4 Stage 3

Probability/Likelihood

Value	Probability	Likelihood
1	Rare	Highly unlikely - within 5 years
2	Unlikely	Conceivable – within a year
3	Possible	Could occur – within 6 months
4	Likely	Likely to occur within a month
5	Very Likely	Likely to occur within a week

Severity/Consequences

	Description
1	Little or no injury
2	Minor injury requiring some first aid
3	Moderate injury causing absence from school
4	Serious injury, possibly long term absence from school
5	Very high, potentially fatal or major disability

Risk Level

Code	Description	Value	Action Recommended
VL	**V**ery **L**ow	1-2	No specific action required
L	**L**ow	3-6	Monitor usage and deterioration
M	**M**edium	7 -10	Attention in a timely manner of priority commensurate with the risk level. Repair within 14 days is recommended.
H	**H**igh	11-19	Requires immediate attention. At a minimum, isolation of the hazard is recommended until it is rectified.
VH	**V**ery High	20-25	Requires immediate attention. At a minimum, comprehensive isolation of the hazard is recommended until it is rectified.

The risk level of a hazard is dependent on factors including the likelihood of an occurrence and its potential for causing injury or death (consequence). The quantitative ratings are based on ISO 31000 Risk Management.
The level of risk is determined by multiplying the Likelihood of an injury by the Severity or Consequence of an injury should it occur.
Environs and assets are listed in order of their level of risk (highest first) to assist playground operators in their decision of which hazards should be rectified as a priority.
Playground usage varies considerably, broadly based on accessibility and popularity. High use playgrounds should be checked more frequently as the probability of an injury increases with the frequency, number and age range of children playing.

Likelihood ⇩		**Consequence**				
		Little 1	Minor 2	Moderate 3	Serious 4	Very High 5
Rare	1	1	2	3	4	5
Unlikely	2	2	4	6	8	10
Possible	3	3	6	9	12	15
Likely	4	4	8	12	16	20
Very Likely	5	5	10	15	20	25

ACT Government

Garran Pmy Playgrounds

ACTmapi

Disclaimer *The map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current or otherwise reliable.*

01-Aug-2018

Garran Primary School
Gilmore Crescent Garran ACT
Playground Safety Inspection Report

Date: 25/05/2023 **Map ID:** B **Work Order:** 222898 **Project:** ACT Schools 2223 Group 10 Stage 2

The purpose of this report is to provide the playground operator with an assessment of the level of risk to children arising from hazards that may be present, (not to eliminate the risks). Advice on how to lower the level of risk to a level acceptable to the playground operator is included. Compliance with AS 4685.0 2017 Playground equipment and surfacing Development, installation, inspection, maintenance and operation, and the AS 4685 2021 series (Playground Equipment and Surfacing) is a core assessment factor in this safety audit. Playgrounds without risks, (or at least perceived risks) are of little value to children. Play value is an important consideration. The art of good playground design is to engage and challenge the child. In doing so the child can expand their horizons, develop strength and agility, improve their co-ordination, socialize or passively ponder; all whilst having fun. AS 4685.0 2017 emphsises the importance of Play Value. Play assets are identified according to their play activity (climbing, hanging, bouncing, sliding etc) to assist operators to assess the play value of the asset. If a playground is made as safe as possible it may achieve none of these attributes, indeed it may induce children to engage in activities that are dangerous to their well being. The age range of the children that the operator is providing for is also a factor in the challenges provided and the acceptable level of risk; though in unsupervised playgrounds children of all ages may choose to play on more challenging equipment. Design requirements are more stringent where playgrounds are easily accessible.

Most injuries occur from falls. To minimize the incidence of injury from falls, playground operators & designers should ensure that the supplier of undersurfacing (particularly unitary* surfacing) provides an independently tested certificate of compliance with AS 4685.0 2017 and tested to the requirements of AS 4422:2022- 'Playground surfacing- Specifications, requirements and test methods' for their installed work.

*Compounds formed into sheets, tiles or matts, or wetpour substances that set on-site.

At a minimum, unitary surfacing shall be tested in accordance with AS/NZS 4422 at least every 3 years.

Loose-fill surfaces need not be impact attenuation tested on a regular basis provided—

(a) the generic product has been certified to the requirements of AS 4685.0 2017 tested to AS 4422 2022 with accompaning report.

(b) that the material is maintained at a minimum depth of 300 mm (or greater where free heights of fall require a greater depth).

Playground operators are advised to ensure that the delivered pinebark has minimal whitewood in accordance with AS 4685.0 2017.

Level 3 Comprehensive and Handover audits include the surrounding playspace environs, not just the installed play equipment.

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Playground Safety Inspection			Inspect No:	6	Last Inspected:	19/05/2023	WO:	222898
Site Type:	School-Pmy	Site	Map ID:	B	Date Inspected:	25/05/2023	Inspection conducted to AS 4685.0 2017 & AS 4685:2021 series and referenced documents & AS 4685.11 2012 by [redacted] Risk assessed to ISO 31000.	
Operator:	ACT Education	Garran Primary School			Weather:	Fine		
Installer:	Unknown	Gilmore Crescent Garran ACT			Next inspect:	24/05/2024		
Inspection Type:	Comprehensive (L3)	Supplier:	[redacted]		Manufactured:	15/10/2015	Project:	ACT Schools 2223 Group 10 Stage 2
Accessibility:	Easily accessible	Note: Not easily accessible playgrounds have less stringent compliance requirements than easily accessible (eg stair access) playgrounds in AS 4685. 2021						

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
A	**Documents & Marking**													
	Equipment Certification		Compliance to AS 4685:2021 series, AS 4685.0 2017, AS 4685.11 2012 and AS 4422 2022. for the installed, completed works				Not Sighted							
	Undersurface Certification						Not Sighted							
	As Built Plans						Not Sighted							
	Manuals		Operation, inspection and maintenance				Not Sighted							
	Warranty Certificate		In accordance with AS 4685:2021 series & AS 4685.0 2017 & AS 4685.11 2012				Not Sighted							
	Supplier Instructions						Not Sighted							
	Safety Mgmt System						Not Sighted							
	High use		Specific notes for high use playgrounds				Not Sighted							
	Equipment Identification		Name, address, ABN, of manufacturer/supplier. Equipment reference & Date of manufacture. Manufactured to AS4685.0 (& date) & AS4685.1-6 (&date) & AS 4685.11(&date) (where applicable)				Present Important for spare parts, service and warranty claims							
	Softfall Level Mark		Permanent mark on posts above top of footings Important for softfall depth monitoring of loose fill undersurfacing.				Not present *Refer advisory note 1*					Install if not present		

[redacted]

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
B	**Environs**													
	Drainage		OK				No visible problems							
	AnimalAccess		Limited				Accessible to small animals							
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	Industry		OK				None close by							
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	ShelterShade		Partial				Trees							
	Usage		High				Intensive on weekdays							
	Supervision		Comprehensiv				Supervised							
	Transport		OK fenced				Close but fenced							
	Toilets		<50 metres				In Building							
	Water		OK				Good access to drinking water							
C	**Activity/Assets**													
	Surface	1	PineBark(SF)	2	PGsurface	Impact attenuation	Depth: 150mm. This is too low for these Free Heights of Fall Mulch is heavily pulverised	3	4	12	H	Monitor frequently, especially at key impact areas. Maintain at minimum 300mm **consolidated** depth Refer Advisory Note 1 below Replace compacted mulch	2000	

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Surface	1	Edging	2	Structural	Inadequate	Too low to achieve a 300mm bark depth	3	4	12	H	Raise the edging height	2400	
	PGstructure	7	Post	2	Structural	Footing	There is a distinct lean on the outer butterfly net post	3	4	12	H	Straighten post with larger footing or brace. Check all posts	1400	
	Climbing	3	Net-Medium	2	OK		Horizontal and slightly inclined rope nets							
	Climbing	2	Net-Medium	2	OK		vertical rope nets							

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Creative	7	Cubby	2	OK									
	Landscape	7	GardenBed	2	OK									
	Surface	7	Pavers	2	OK									
	Balancing	7	Log	2	OK									
	Creative	7	SandPit	2	OK									
	Landscape	7	Seat	2	OK									
	Bridge	1	Pommel	2	OK									
D	Sums	57		2				3	4	36			5800	
		Total		Average				Avge		Total			Total	

The cost of repairs is indicative only. Pricing will vary according to how it is rectified and how much work is included in a single contract. Some repairs may be undertaken in-house.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	

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Loose-fill softfall

Loose fill softfall under play equipment (such as bark, wood-chips or sand) is required to be installed at minimum 300mm consolidated depth and to never be allowed to displace or compact to less than 200mm depth. This is particularly important in frequently impacted areas such as at the base of slides, firepoles, under swings etc, where displacement is more likely. Playgrounds with high Free Height of Falls that are intensively used, benefit from a 400mm depth to minimise the frequency of raking and topping up the surface in impact areas. These depths are deemed to be adequate from empirical experience, though only testing in accordance with AS 4422 2022 will determine if the impact attenuation is actually adequate.

Areas where the softfall is frequently displaced should be raked and or topped-up to maintain adequate impact attenuation. The frequency depends on the intensity of use and in some locations displacement by surface water flows, inadequate drainage and wind.

Compaction is another issue. Pine bark tends to compact and become pulverised more when it is covered by a rain proof shelter or a prolonged period of drought. Sand tends to compact more readily when rained on. (depending on the type of sand).

The base Level mark on posts is required to visually monitor the intended level the surface, so operators can easily see when loose fill surfaces need topping up.

Ensure that all supplies of softfall are accompanied by a certificate of compliance with AS 4685. AS 4685.0 2017 provides photographic samples of acceptable loose-fill softfall material, particularly with respect to long sharp splinter material that can penetrate skin and eyes.

Above ground installations require edging with sufficient height and structural longevity, to adequately contain the softfall. Corrosion protected bolts to connect pine edging is reccommended as screws often fail due to the timbers warping as it dries. Chamfer top edges to minimise splintering.

To maintain adequate impact attenuation, all loose fill softfall should be monitored frequently for; adequate depth, compaction, displacement and contamination (sharps, glass, faeces and mould).

Unitary surfacing

Unitary surfacing softfall under play equipment (such as site set bonded rubber granules or bonded rubber tiles or Synthetic Grass) should be free of trips, cracks and holes. Ensure that all unitary surfacing softfall installations are accompanied by a certificate of compliance with AS 4685.2021 series and AS 4685.0 2017 and independently tested for compliant impact attenuation in accordance with AS4422 2022 procedures before acceptance of the product.

In cool climate areas (particularly) with high diurnal temperature changes, these rubber bonded products are prone to shrinking and cracking, especially if the temperature drops rapidly before the binder sets, so beware that the warranty is adequate, and that it is installed strictly in accordance with the manufactures specifications by an experienced installer.

Dark coloured unitary surfacing can reach temperatures in excess of 80oC on high UV days (not just summer), so shading and lighter colours are highly recommended. Note: Hi heat surface conditions occur into late afternoons in summer, when the sun is low in the south west. Shade over the equipment only is next to useless at these times. A solar study is highly recommended.

Effective shading of the surface also slows the break down of the polyurethane binder which is susceptible to heat degradation.

Synthetic grass also gets very hot, especially when unshaded.

AS4685.0, 2017 requires that unitary surfacing shall be tested in accordance with AS4422, 2022 procedures at least every 3 years.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
2	**Entrapments.** **Head/Neck:** Many older playgrounds have Head/Neck entrapments (openings in the 89-230mm range) often in Grip/Grasp handles and barriers/climbing frames/fences where the lower edge of the opening is higher than 600mm from the playing surface. These present a medium to high/very high level of risk, depending on their proximity to play events that have forced movement (slides, firepoles etc). Vertical V shapes are a high risk element and shall be re-configured. Grip handles can be fixed by fixing a packer to the adjacent post to reduce the gap to les than 89mm. Barriers/slide entry panels often require replacement with a compliant barrier. **Hair/Clothing:** These are mostly applicable where forced movement (slides firepoles etc) occurs. Gaps can arise due to loose fixings or poor design/assembly. Tighten fixings and fill gaps with durable flexible fillers, so the testing toggle does not catch. **Finger:** Protusions/rotating parts and holes in the 8-25 mm range can catch a finger. Applicable where the hole is 1 metre or more above the playing surface. Fill holes with durable material. Bolts are best as silicone tends to fail over time. Plug ends of pipes. **Whole Body:** Tunnels can entrap the body and have limits on their inside diameter/length ratio and angle of inclination. Tunnel slides minimum internal diameter is 750mm. **Foot/Leg:** Surfaces meant for running or walking (eg bridges) Maximum gap 30mm. No footholds or handholds that can entrap hands or feet/ankles. **Protection from Falling.** ***Not Easily accessible playgrounds:*** **Guardrails:** are not required on platforms less than 1 metre high. Guardrails (Height 600-850mm) are required where platforms are 1-2 metres high. Play element access openings maximum 500mm. **Barriers:** are required to platforms 2-3 metres high. Barrier height >700mm. Play element openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element (over 45^{o}) to a maximum 1200mm width. ***Easily accessible playgrounds:*** **Barriers:** are required to platforms over 600mm high (maximum height 3 metres). Barrier height >700mm. Play element access openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element to a maximum 1200mm. ***SECS Playgrounds:*** As for Easily accessible playgrounds except the maximum platform height is 1.8 metres													

Playground inspection Data Descriptions

behind the Alpha numeric codes used in the Inspection Report

Condition

Value	Description
1	
2	Good
3	Average
4	Poor
5	Requires urgent attention

Probability/Likelihood

Value	Probability	Likelihood
1	Rare	Highly unlikely - within 5 years
2	Unlikely	Conceivable – within a year
3	Possible	Could occur – within 6 months
4	Likely	Likely to occur within a month
5	Very Likely	Likely to occur within a week

Severity/Consequences

	Description
1	Little or no injury
2	Minor injury requiring some first aid
3	Moderate injury causing absence from school
4	Serious injury, possibly long term absence from school
5	Very high, potentially fatal or major disability

Risk Level

Code	Description	Value	Action Recommended
VL	**V**ery **L**ow	1-2	No specific action required
L	**L**ow	3-6	Monitor usage and deterioration
M	**M**edium	7 -10	Attention in a timely manner of priority commensurate with the risk level. Repair within 14 days is recommended.
H	**H**igh	11-19	Requires immediate attention. At a minimum, isolation of the hazard is recommended until it is rectified.
VH	**V**ery High	20-25	Requires immediate attention. At a minimum, comprehensive isolation of the hazard is recommended until it is rectified.

The risk level of a hazard is dependent on factors including the likelihood of an occurrence and its potential for causing injury or death (consequence). The quantitative ratings are based on ISO 31000 Risk Management.
The level of risk is determined by multiplying the Likelihood of an injury by the Severity or Consequence of an injury should it occur.
Environs and assets are listed in order of their level of risk (highest first) to assist playground operators in their decision of which hazards should be rectified as a priority.
Playground usage varies considerably, broadly based on accessibility and popularity. High use playgrounds should be checked more frequently as the probability of an injury increases with the frequency, number and age range of children playing.

Likelihood ⇩		**Consequence**				
		Little 1	Minor 2	Moderate 3	Serious 4	Very High 5
Rare	1	1	2	3	4	5
Unlikely	2	2	4	6	8	10
Possible	3	3	6	9	12	15
Likely	4	4	8	12	16	20
Very Likely	5	5	10	15	20	25

ACT Government

Garran Pmy Playgrounds

ACTmapi

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01-Aug-2018

Garran Primary School
Gilmore Crescent Garran ACT
Playground Safety Inspection Report

Date: 25/05/2023 **Map ID:** C **Work Order:** 222898 **Project:** ACT Schools 2223 Group 10 Stage 2

The purpose of this report is to provide the playground operator with an assessment of the level of risk to children arising from hazards that may be present, (not to eliminate the risks). Advice on how to lower the level of risk to a level acceptable to the playground operator is included. Compliance with AS 4685.0 2017 Playground equipment and surfacing Development, installation, inspection, maintenance and operation, and the AS 4685 2021 series (Playground Equipment and Surfacing) is a core assessment factor in this safety audit. Playgrounds without risks, (or at least perceived risks) are of little value to children. Play value is an important consideration. The art of good playground design is to engage and challenge the child. In doing so the child can expand their horizons, develop strength and agility, improve their co-ordination, socialize or passively ponder; all whilst having fun. AS 4685.0 2017 emphsises the importance of Play Value. Play assets are identified according to their play activity (climbing, hanging, bouncing, sliding etc) to assist operators to assess the play value of the asset. If a playground is made as safe as possible it may achieve none of these attributes, indeed it may induce children to engage in activities that are dangerous to their well being. The age range of the children that the operator is providing for is also a factor in the challenges provided and the acceptable level of risk; though in unsupervised playgrounds children of all ages may choose to play on more challenging equipment. Design requirements are more stringent where playgrounds are easily accessible.

Most injuries occur from falls. To minimize the incidence of injury from falls, playground operators & designers should ensure that the supplier of undersurfacing (particularly unitary* surfacing) provides an independently tested certificate of compliance with AS 4685.0 2017 and tested to the requirements of AS 4422:2016- 'Playground surfacing- Specifications, requirements and test methods' for their installed work.

*Compounds formed into sheets, tiles or matts, or wetpour substances that set on-site.

At a minimum, unitary surfacing shall be tested in accordance with AS/NZS 4422 at least every 3 years.

Loose-fill surfaces need not be impact attenuation tested on a regular basis provided—

(a) the generic product has been certified to the requirements of AS 4685.0 2017 tested to AS 4422 2016 with accompaning report.

(b) that the material is maintained at a minimum depth of 300 mm (or greater where free heights of fall require a greater depth).

Playground operators are advised to ensure that the delivered pinebark has minimal whitewood in accordance with AS 4685.0 2017.

Level 3 Comprehensive and Handover audits include the surrounding playspace environs, not just the installed play equipment.

Actions taken or not taken in response to this report are the responsibility of the playground operator. This report assesses the risk level. Operators are encouraged to exercise their duty of care, by identifying the level of risk that is unacceptable to them, and act accordingly.

Playground Safety Inspection

Inspect No:	6	**Last Inspected:**	19/05/2022	**WO:**	222898		
Site Type:	School-Pmy	**Site**	**Map ID:**	C	**Date Inspected:**	25/05/2023	Inspection conducted to AS 4685.0 2017 & AS 4685:2021 series and referenced documents & AS 4685.11 2012 by [redacted]
Operator:	ACT Education	Garran Primary School			**Weather:**	Fine	[redacted]
Installer:	Unknown	Gilmore Crescent Garran ACT			**Next inspect:**	24/05/2024	Risk assessed to ISO 31000.
Inspection Type:	Comprehensive (L3)	**Supplier:**	[redacted]		**Manufactured:**	21/12/2010	**Project:** ACT Schools 2223 Group 10 Stage 2
Accessibility:	Not Easily Accessible	Note: Not easily accessible playgrounds have less stringent compliance requirements than easily accessible (eg stair access) playgrounds in AS 4685. 2021					

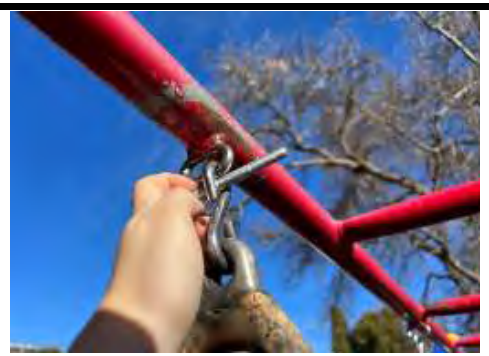
ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
A	**Documents & Marking**													
	Equipment Certification		Compliance to AS 4685:2021 series, AS 4685.0 2017, AS 4685.11 2012 and AS 4422 2016. for the installed, completed works				Not Sighted							
	Undersurface Certification						Not Sighted							
	As Built Plans						Not Sighted							
	Manuals		Operation, inspection and maintenance				Not Sighted							
	Warranty Certificate		In accordance with AS 4685:2021 series & AS 4685.0 2017 & AS 4685.11 2012				Not Sighted							
	Supplier Instructions						Not Sighted							
	Safety Mgmt System						Not Sighted							
	High use		Specific notes for high use playgrounds				Not Sighted							
	Equipment Identification		Name, address, ABN, of manufacturer/supplier. Equipment reference & Date of manufacture. Manufactured to AS4685.0 (& date) & AS4685.1-6 (&date) & AS 4685.11(&date) (where applicable)				Present Important for spare parts, service and warranty claims							
	Softfall Level Mark		Permanent mark on posts above top of footings Important for softfall depth monitoring of loose fill undersurfacing.				Not present *Refer advisory note 1*					Install		

[redacted]

[redacted]

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
B	**Environs**													
	Drainage		OK				No visible problems							
	AnimalAccess		Limited				Accessible to small animals							
	CarerAccess		OK				Ladder access to cluster							
	DisabilityAccess		Low				Poor access to cluster							
	Electrical		OK				No major facilities close by							
	Industry		OK				None close by							
	Litter		OK				Clean site							
	MtceAccess		OK				Double gates							
	ShelterShade		Partial				Trees							
	Usage		High				Intensive on weekdays							
	Supervision		Comprehensiv				Supervised							
	Transport		>20 metres											
	Toilets		<50 metres				In Building							
	Water		OK				Good access to drinking water							
C	**Activity/Assets**													
	Surface	1	PineBark(SF)	2	PGsurface	Impact attenuation	Depth: 150-200mm Mulch is signifcantly pulverised and sticks present	3	4	12	H	Monitor frequently, especially at key impact areas. Maintain at minimum 300mm **consolidated** depth. Refer Advisory Note 1 below Replace pulverised mulch	4000	

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Surface	1	Edging	2	Structural	Inadequate	Timber. Low to contain 300 depth bark but better than before	2	2	4	L	High chance of spillage during use. Monitor		
	Bridge	1	Suspension	2	Entrapment	Foot/Leg	35mm gaps	1	4	4	L	Reduce gap to <30mm	600	
	Bridge 	1	Pommel	2	Entrapment	Finger	In S hooks	3	4	12	H	Refer Advisory note 2	450	

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Hanging	1	Rings	2	Entrapment	Finger	In s hooks	2	4	8	M	Refer Advisory note 2	450	
	Bridge	1	Burmese	2	Entrapment	Finger	In the hammerlocks	2	3	6	L	Refer Advisory note 2	500	
	Barrier	2	TubeInfill	2	OK							Refer Advisory note 2		
	Barrier	2	GripHandle	2	Structural	Corrosion	Between handle and platform.	1	2	2	VL	Passivate and paint with corrosion resistant paint. Seal with polyurethane	600	

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Climbing	1	Net-Medium	2	Entrapment	Finger	Gaps in S-hooks	3	4	12	H	Refer Advisory note 2	800	
	Sliding	1	Firepole	2	OK							Forced movement zone with greater consequence		
	PGstructure	34	Post	2	OK									
	PGstructure	8	Platform	2	Structural	Corrosion	Beginning signs of corrosion where the paint has chipped off	1	2	2	VL	Passivate and paint with corrosion resistant paint. Seal with polyurethane	1500	
	Climbing	1	Loop-step	2	OK									
	Bridge	1	Steppers	2	OK									

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Balancing	1	Beam	2	OK		Between platforms							
	Bridge	1	Beam	2	OK									
	Climbing	1	Loop-half	2	OK		Angled between platforms							
	Hanging	1	Handles	2	OK									
	Balancing	1	Rope	3	OK		Between platforms							
	Creative	1	Shopfront	3	Entrapment	Finger	Panels are becoming flexible due to loose connections	1	1	1	VL	Refer Advisory note 2	300	
D	Sums	62		2				2	3	63			9200	
		Total		Average				Avge		Total			Total	

The cost of repairs is indicative only. Pricing will vary according to how it is rectified and how much work is included in a single contract. Some repairs may be undertaken in-house.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	

Advisory Notes. **These notes are a partial synopsis guide of common risk issues only. Refer to the AS4685 standards for comprehensive compliance requirements.**

1

Softfall undersurfacing

Most playground injuries occur from falls to the playing surface, so adequate installation and maintenance of play surfacing is essential to minimise injuries. The extent of the impact area around playgrounds varies with the Free Height of Fall of the equipement. The Free Space (occupied by the user) and the falling space through which the user may fall must be free of hazards.

Loose-fill softfall

Loose fill softfall under play equipment (such as bark, wood-chips or sand) is required to be installed at minimum 300mm consolidated depth and to never be allowed to displace or compact to less than 200mm depth. This is particularly important in frequently impacted areas such as at the base of slides, firepoles, under swings etc, where displacement is more likely. Playgrounds with high Free Height of Falls that are intensively used, benefit from a 400mm depth to minimise the frequency of raking and topping up the surface in impact areas. These depths are *deemed* to be adequate from empirical experience, though only testing in accordance with AS 4422 2016 will determine if the impact attenuation is actually adequate.

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157762 ACT Schools 1920 Group 4 Stage 3

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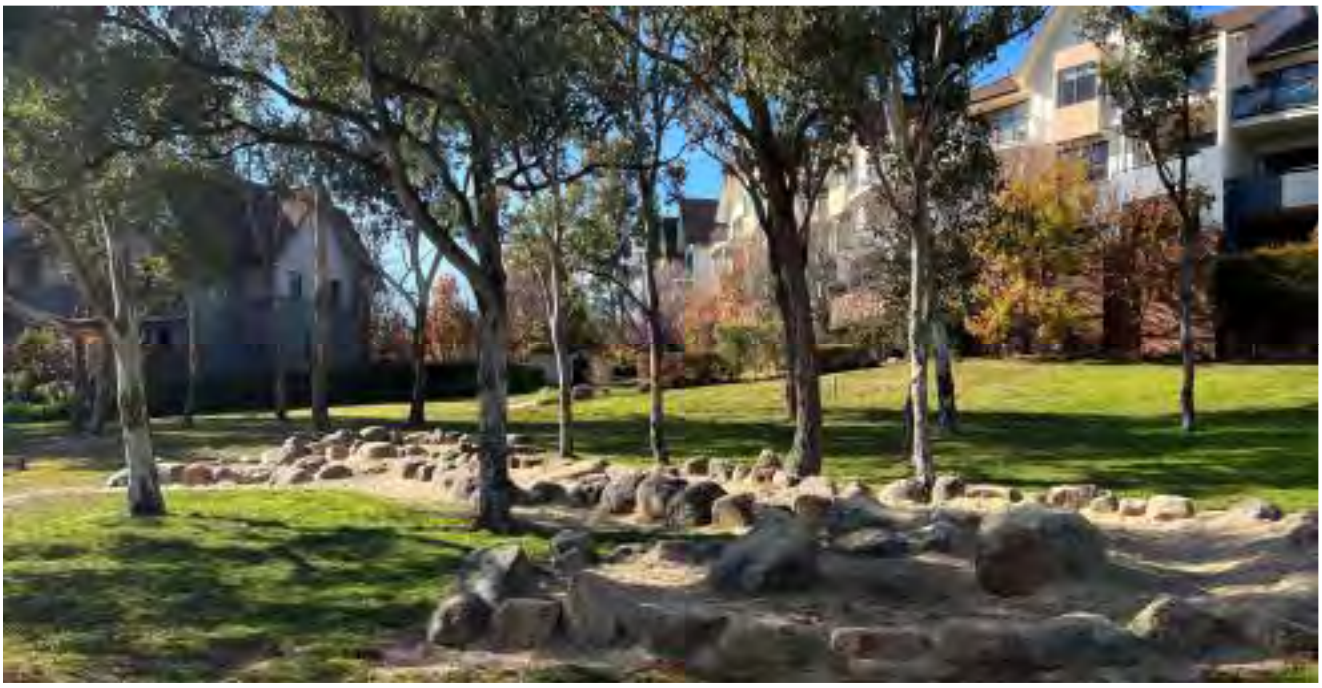
01-Aug-2018



Garran Primary School
Gilmore Crescent Garran ACT
Playground Safety Inspection Report

Date: 25/05/2023 **Map ID:** D **Work Order:** 222898 **Project:** ACT Schools 2223 Group 10 Stage 2

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Level 3 Comprehensive and Handover audits include the surrounding playspace environs, not just the installed play equipment.
Actions taken or not taken in response to this report are the responsibility of the playground operator. This report assesses the risk level. Operators are encouraged to exercise their duty of care, by identifying the level of risk that is unacceptable to them, and act accordingly.

Playground Safety Inspection			Inspect No:	6	Last Inspected:	19/05/2022	WO:	222898
Site Type:	School-Pmy	Site	Map ID:	D	Date Inspected:	25/05/2023	Inspection conducted to AS 4685.0 2017 & AS 4685:2021 series and referenced documents & AS16630:2015 Fitness Equipment & AS 4685.11 2012 by [redacted]. Risk assessed to ISO 31000.	
Operator:	ACT Education	Garran Primary School			Weather:	Fine		
Installer:	Unknown	Gilmore Crescent Garran ACT			Next inspect:	24/05/2024		
Inspection Type:	Comprehensive (L3)	Supplier:	[redacted]		Manufactured:	Unknown	Project:	ACT Schools 2223 Group 10 Stage 2
Accessibility:	Easily accessible	Note: Not easily accessible playgrounds have less stringent compliance requirements than easily accessible (eg stair access) playgrounds in AS 4685. 2021						

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
A	**Documents & Marking**													
	Equipment Certification		Compliance to AS 4685:2021 series, AS 4685.0 2017, AS 4685.11 2012 and AS 4422 2022. for the installed, completed works				Not Sighted							
	Undersurface Certification						Not Sighted							
	As Built Plans						Not Sighted							
	Manuals		Operation, inspection and maintenance				Not Sighted							
	Warranty Certificate		In accordance with AS 4685:2021 series & AS 4685.0 2017 & AS 4685.11 2012				Not Sighted							
	Supplier Instructions						Not Sighted							
	Safety Mgmt System						Not Sighted							
	High use		Specific notes for high use playgrounds				Not Sighted							
	Equipment Identification		Name, address, ABN, of manufacturer/supplier. Equipment reference & Date of manufacture. Manufactured to AS4685.0 (& date) & AS4685.1-6 (&date) & AS 4685.11(&date) (where applicable)				On one item with illegible date of manufacture Important for spare parts, service and warranty claims							
	Softfall Level Mark		Permanent mark on posts above top of footings Important for softfall depth monitoring of loose fill undersurfacing.				Present but not correctly located on some items *Refer advisory note 1*					Refer below		

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
B	**Environs**													
	Drainage		OK				No visible problems							
	AnimalAccess		Limited				Accessible to small animals							
	CarerAccess		OK				Ladder access to cluster							
	DisabilityAccess		Low				Poor access to cluster							
	Electrical		OK				No major facilities close by							
	Industry		OK				None close by							
	Litter		OK				Clean site							
	MtceAccess		OK				Double gates							
	ShelterShade		Partial				Trees over some							
	Usage		High				Intensive on weekdays							
	Supervision		Comprehensiv				Supervised							
	Transport		OK fenced				Close but fenced with self close child resistant gates							
	Toilets		<50 metres				In Building							
	Water		OK				Good access to drinking water							
C	**Activity/Assets**													
	Surface	1	PineBark(SF)	2	PGsurface	Impact attenuation	Depth: 50-200mm Note the requirement for softfall varies with each item and is referred to in the notes on each item below. Whitewood fragments present	3	3	9	M	Monitor frequently, especially at key impact areas. Maintain mulch at minimum 300mm **consolidated** depth Refer Advisory Note 1 below Edging will need to be raised Remove whitewood		
	Surface	1	Edging	2			Refer each item below							

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
Assets are listed in anticlockwise order starting with the hanging loops														
	Hanging	1	Handles	2	PGsurface	Impact attenuation	In actual use, children may climb up onto the loops.	4	5	20	VH	Softfall is required under these items. Refer Advisory note 2	3000	
	Landscape	1	Rocks	2	Entrapment	Foot/Leg	30mm gaps between rocks	2	2	4	L	Fill gaps	800	
	Balancing	3	Beam	2	PGsurface	Impact attenuation	Below 600 height so OK on soil though softfall is preferred in the high use area of a school	2	2	4	L	Refer Advisory Note 1 below		

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Balancing	1	II Bars	2	PGsurface	Impact attenuation	Depth: 150-180	3	4	12	H	Monitor frequently, especially at impact areas. Maintain at minimum 300mm consolidated depth. Refer Advisory Note 1 below	1000	
	Balancing	1	Beam	2	PGsurface	Impact attenuation	In actual use, children may climb up onto the rails at height 1440mm. Depth 10mm	4	4	16	H	Softfall is required under this item. Refer Advisory note 1	2500	
	Balancing	3	Steppers	2	OK		Below 600 height so OK on soil though softfall is preferred in the high use of a school	3	3	9	M	Refer Advisory Note 1 below		

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Hanging	3	TurningBar	2	PGsurface	Impact attenuation	Depth: 80mm	3	4	12	H	Monitor frequently, especially at key impact areas. Maintain at minimum 300 consolidated depth Refer Advisory Note 1 below	1000	
	Exercise	3	Situp	2	Obstacle	Impale/Cut	Below 600 height so OK on soil though softfall is preferred in the high use of a school	2	3	6	L	Monitor frequently, especially at key impact areas. Maintain at minimum 300 consolidated depth Refer Advisory Note 1 below	3000	
	Hanging	1	TurningBar	2	PGsurface	Impact attenuation	Bark depth: 150 Bar maximum height is 2220mm.	3	4	12	H	Remove concrete dags Top-up to minimum 300 consolidated depth Refer Advisory Note 1 below	1500	
D	Sums	19		2				3	3	104			12800	
		Total		Average				Avge		Total			Total	

The cost of repairs is indicative only. Pricing will vary according to how it is rectified and how much work is included in a single contract. Some repairs may be undertaken in-house.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	

Advisory Notes. **These notes are a partial synopsis guide of common risk issues only. Refer to the AS4685 standards for comprehensive compliance requirements.**

1 **Softfall undersurfacing**

Most playground injuries occur from falls to the playing surface, so adequate installation and maintenance of play surfacing is essential to minimise injuries. The extent of the impact area around playgrounds varies with the Free Height of Fall of the equipement. The Free Space (occupied by the user) and the falling space through which the user may fall must be free of hazards.

Loose-fill softfall

Loose fill softfall under play equipment (such as bark, wood-chips or sand) is required to be installed at minimum 300mm consolidated depth and to never be allowed to displace or compact to less than 200mm depth. This is particularly important in frequently impacted areas such as at the base of slides, firepoles, under swings etc, where displacement is more likely. Playgrounds with high Free Height of Falls that are intensively used, benefit from a 400mm depth to minimise the frequency of raking and topping up the surface in impact areas. These depths are deemed to be adequate from empirical experience, though only testing in accordance with AS 4422 2022 will determine if the impact attenuation is actually adequate.

Areas where the softfall is frequently displaced should be raked and or topped-up to maintain adequate impact attenuation. The frequency depends on the intensity of use and in some locations displacement by surface water flows, inadequate drainage and wind.

Compaction is another issue. Pine bark tends to compact and become pulverised more when it is covered by a rain proof shelter or a prolonged period of drought. Sand tends to compact more readily when rained on. (depending on the type of sand).

The base Level mark on posts is required to visually monitor the intended level the surface, so operators can easily see when loose fill surfaces need topping up.

Ensure that all supplies of softfall are accompanied by a certificate of compliance with AS 4685. AS 4685.0 2017 provides photographic samples of acceptable loose-fill softfall material, particularly with respect to long sharp splinter material that can penetrate skin and eyes.

Above ground installations require edging with sufficient height and structural longevity, to adequately contain the softfall. Corrosion protected bolts to connect pine edging is reccommended as screws often fail due to the timbers warping as it dries. Chamfer top edges to minimise splintering.

To maintain adequate impact attenuation, all loose fill softfall should be monitored frequently for; adequate depth, compaction, displacement and contamination (sharps, glass, faeces and mould).

Unitary surfacing

Unitary surfacing softfall under play equipment (such as site set bonded rubber granules or bonded rubber tiles or Synthetic Grass) should be free of trips, cracks and holes. Ensure that all unitary surfacing softfall installations are accompanied by a certificate of compliance with AS 4685.2021 series and AS 4685.0 2017 and independently tested for compliant impact attenuation in accordance with AS4422 2022 procedures before acceptance of the product.

In cool climate areas (particularly) with high diurnal temperature changes, these rubber bonded products are prone to shrinking and cracking, especially if the temperature drops rapidly before the binder sets, so beware that the warranty is adequate, and that it is installed strictly in accordance with the manufactures specifications by an experienced installer.

Dark coloured unitary surfacing can reach temperatures in excess of 80oC on high UV days (not just summer), so shading and lighter colours are highly recommended. Note: Hi heat surface conditions occur into late afternoons in summer, when the sun is low in the south west. Shade over the equipment only is next to useless at these times. A solar study is highly recommended.

Effective shading of the surface also slows the break down of the polyurethane binder which is susceptible to heat degradation.

Synthetic grass also gets very hot, especially when unshaded.

AS4685.0, 2017 requires that unitary surfacing shall be tested in accordance with AS4422, 2022 procedures at least every 3 years.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
2	**Entrapments.** **Head/Neck:** Many older playgrounds have Head/Neck entrapments (openings in the 89-230mm range) often in Grip/Grasp handles and barriers/climbing frames/fences where the lower edge of the opening is higher than 600mm from the playing surface. These present a medium to high/very high level of risk, depending on their proximity to play events that have forced movement (slides, firepoles etc). Vertical V shapes are a high risk element and shall be re-configured. Grip handles can be fixed by fixing a packer to the adjacent post to reduce the gap to les than 89mm. Barriers/slide entry panels often require replacement with a compliant barrier. **Hair/Clothing:** These are mostly applicable where forced movement (slides firepoles etc) occurs. Gaps can arise due to loose fixings or poor design/assembly. Tighten fixings and fill gaps with durable flexible fillers, so the testing toggle does not catch. **Finger:** Protusions/rotating parts and holes in the 8-25 mm range can catch a finger. Applicable where the hole is 1 metre or more above the playing surface. Fill holes with durable material. Bolts are best as silicone tends to fail over time. Plug ends of pipes. **Whole Body:** Tunnels can entrap the body and have limits on their inside diameter/length ratio and angle of inclination. Tunnel slides minimum internal diameter is 750mm. **Foot/Leg:** Surfaces meant for running or walking (eg bridges) Maximum gap 30mm. No footholds or handholds that can entrap hands or feet/ankles. **Protection from Falling.** ***Not Easily accessible playgrounds:*** **Guardrails:** are not required on platforms less than 1 metre high. Guardrails (Height 600-850mm) are required where platforms are 1-2 metres high. Play element access openings maximum 500mm. **Barriers:** are required to platforms 2-3 metres high. Barrier height >700mm. Play element openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element (over 45^{o}) to a maximum 1200mm width. ***Easily accessible playgrounds:*** **Barriers:** are required to platforms over 600mm high (maximum height 3 metres). Barrier height >700mm. Play element access openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element to a maximum 1200mm. ***SECS Playgrounds:*** As for Easily accessible playgrounds except the maximum platform height is 1.8 metres													

Playground inspection Data Descriptions

behind the Alpha numeric codes used in the Inspection Report

Condition

Value	Description
1	
2	Good
3	Average
4	Poor
5	Requires urgent attention

Probability/Likelihood

Value	Probability	Likelihood
1	Rare	Highly unlikely - within 5 years
2	Unlikely	Conceivable – within a year
3	Possible	Could occur – within 6 months
4	Likely	Likely to occur within a month
5	Very Likely	Likely to occur within a week

Severity/Consequences

	Description
1	Little or no injury
2	Minor injury requiring some first aid
3	Moderate injury causing absence from school
4	Serious injury, possibly long term absence from school
5	Very high, potentially fatal or major disability

Risk Level

Code	Description	Value	Action Recommended
VL	**V**ery **L**ow	1-2	No specific action required
L	**L**ow	3-6	Monitor usage and deterioration
M	**M**edium	7 -10	Attention in a timely manner of priority commensurate with the risk level. Repair within 14 days is recommended.
H	**H**igh	11-19	Requires immediate attention. At a minimum, isolation of the hazard is recommended until it is rectified.
VH	**V**ery High	20-25	Requires immediate attention. At a minimum, comprehensive isolation of the hazard is recommended until it is rectified.

The risk level of a hazard is dependent on factors including the likelihood of an occurrence and its potential for causing injury or death (consequence). The quantitative ratings are based on ISO 31000 Risk Management.
The level of risk is determined by multiplying the Likelihood of an injury by the Severity or Consequence of an injury should it occur.
Environs and assets are listed in order of their level of risk (highest first) to assist playground operators in their decision of which hazards should be rectified as a priority.
Playground usage varies considerably, broadly based on accessibility and popularity. High use playgrounds should be checked more frequently as the probability of an injury increases with the frequency, number and age range of children playing.

Likelihood ⇩		**Consequence**				
		Little 1	Minor 2	Moderate 3	Serious 4	Very High 5
Rare	1	1	2	3	4	5
Unlikely	2	2	4	6	8	10
Possible	3	3	6	9	12	15
Likely	4	4	8	12	16	20
Very Likely	5	5	10	15	20	25

ACT Government

Garran Pmy Playgrounds

ACTmapi

Disclaimer *The map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current or otherwise reliable.*

01-Aug-2018

Garran Preschool
Robson St Garran ACT
Playground Safety Inspection Report

Date: 25/05/2023 **Map ID:** NA **Work Order:** 222894 **Project:** ACT Schools 2223 Group 10 Stage 2

The purpose of this report is to provide the playground operator with an assessment of the level of risk to children arising from hazards that may be present, (not to eliminate the risks). Advice on how to lower the level of risk to a level acceptable to the playground operator is included. Compliance with AS 4685.0 2017 Playground equipment and surfacing Development, installation, inspection, maintenance and operation, and the AS 4685 2021 series (Playground Equipment and Surfacing) is a core assessment factor in this safety audit. Playgrounds without risks, (or at least perceived risks) are of little value to children. Play value is an important consideration. The art of good playground design is to engage and challenge the child. In doing so the child can expand their horizons, develop strength and agility, improve their co-ordination, socialize or passively ponder; all whilst having fun. AS 4685.0 2017 emphsises the importance of Play Value. Play assets are identified according to their play activity (climbing, hanging, bouncing, sliding etc) to assist operators to assess the play value of the asset. If a playground is made as safe as possible it may achieve none of these attributes, indeed it may induce children to engage in activities that are dangerous to their well being. The age range of the children that the operator is providing for is also a factor in the challenges provided and the acceptable level of risk; though in unsupervised playgrounds children of all ages may choose to play on more challenging equipment. Design requirements are more stringent where playgrounds are easily accessible.

Most injuries occur from falls. To minimize the incidence of injury from falls, playground operators & designers should ensure that the supplier of undersurfacing (particularly unitary* surfacing) provides an independently tested certificate of compliance with AS 4685.0 2017 and tested to the requirements of AS 4422:2022- 'Playground surfacing- Specifications, requirements and test methods' for their installed work.

*Compounds formed into sheets, tiles or matts, or wetpour substances that set on-site.

At a minimum, unitary surfacing shall be tested in accordance with AS/NZS 4422 at least every 3 years.

Loose-fill surfaces need not be impact attenuation tested on a regular basis provided—

(a) the generic product has been certified to the requirements of AS 4685.0 2017 tested to AS 4422 2022 with accompaning report.

(b) that the material is maintained at a minimum depth of 300 mm (or greater where free heights of fall require a greater depth).

Playground operators are advised to ensure that the delivered pinebark has minimal whitewood in accordance with AS 4685.0 2017.

Level 3 Comprehensive and Handover audits include the surrounding playspace environs, not just the installed play equipment.

Actions taken or not taken in response to this report are the responsibility of the playground operator. This report assesses the risk level. Operators are encouraged to exercise their duty of care, by identifying the level of risk that is unacceptable to them, and act accordingly.

Playground Safety Inspection			Inspect No:	7	Last Inspected:	19/05/2022	WO:	222894
Site Type:	School-Pre	Site	Map ID:	NA	Date Inspected:	25/05/2023	Inspection conducted to AS 4685.0 2017 & AS 4685:2021 series and referenced documents & AS 4685.11 2012 by [redacted]. Risk assessed to ISO 31000.	
Operator:	ACT Education	Garran Preschool			Weather:	Fine		
Installer:	Unknown	Robson St Garran ACT			Next inspect:	24/05/2024		
Inspection Type:	Comprehensive (L3)	Supplier:	[redacted]		Manufactured:	Unknown	Project:	ACT Schools 2223 Group 10 Stage 2
Accessibility:	Easily accessible	Note: Not easily accessible playgrounds have less stringent compliance requirements than easily accessible (eg stair access) playgrounds in AS 4685. 2021						

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
A	**Documents & Marking**													
	Equipment Certification		Compliance to AS 4685:2021 series, AS 4685.0 2017, AS 4685.11 2012 and AS 4422 2022. for the installed, completed works				Not Sighted							
	Undersurface Certification						Not Sighted							
	As Built Plans						Not Sighted							
	Manuals		Operation, inspection and maintenance				Not Sighted							
	Warranty Certificate		In accordance with AS 4685:2021 series & AS 4685.0 2017 & AS 4685.11 2012				Not Sighted							
	Supplier Instructions						Not Sighted							
	Safety Mgmt System						Not Sighted							
	High use		Specific notes for high use playgrounds				Not Sighted							
	Equipment Identification		Name, address, ABN, of manufacturer/supplier. Equipment reference & Date of manufacture. Manufactured to AS4685.0 (& date) & AS4685.1-6 (&date) & AS 4685.11(&date) (where applicable)				Not present Important for spare parts, service and warranty claims							
	Softfall Level Mark		Permanent mark on posts above top of footings Important for softfall depth monitoring of loose fill undersurfacing.				Not present *Refer advisory note 1*	2	1	2	VL	Install		

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
B	**Environs**													
	Drainage		OK				No visible problems							
	AnimalAccess		Limited				Accessible to small animals							
	CarerAccess		OK				Ladder access to cluster							
	DisabilityAccess		Low				Poor access to cluster							
	Electrical		OK				No major facilities close by							
	Industry		OK				None close by							
	Litter		OK				Clean site							
	MtceAccess		OK				Double gates							
	ShelterShade		Partial				Trees & shelters							
	Usage		High				Intensive on weekdays							
	Supervision		Comprehensiv				Supervised							
	Transport		OK fenced				Close but fenced with self close child resistant gates							
	Toilets		<50 metres				In Building							
	Water		OK				Good access to drinking water							
C	**Activity/Assets**													
	Surface	1	PineBark(SF)	2	PGsurface	Impact attenuation	Playspace equipment Depth 200mm Compacted in fall zones and pulverised	3	4	12	H	Monitor frequently, especially at impact areas. Maintain at minimum 300mm consolidated depth. Refer Advisory Note 1 below Replace pinebark.	2500	

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Climbing	4	A Frame	2	OK									
	Barrier	1	Slide Entry	2	Entrapment	Head/Neck	1. between slide & barrier 2. Hair/toggle entrapment in between the platform and slide	3	4	12	H	Install AS 4685 2021 compliant barrier Refer advisory note 2 Forced movement zone with greater consequence	1400	
	Sliding	1	SingleSlide	2	OK							Forced movement zone with greater consequence		
	Bridge	1	Suspension	2	Entrapment	Finger	In chain and S-hooks Timber gap exceeds 30mm	3	4	12	H	Refer advisory note 2 Reduce gap to <30mm	1200	
	Creative	1	Cubby	2	OK									

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Access	1	Gate-Single	2	Entrapment	Finger	1. Closing gap is less than 12mm 2. Missing cap	2	4	8	M	1. Reconfigure to adjust gap to greater than 12mm 2. Replace missing cap	300	
	Climbing	1	Net-Small	2	OK									
	Swinging	1	Double	2	Structural	Wear	1. Bearings worn 2. Sensory swings are on a double bay use and ground clearance is 200mm	2	4	8	M	1. Replace bearings 2. Ensure sensory swings are of single bay use only so one swing only at a time Reconfigure to increase clearance to minimum 300mm		
	PGstructure	14	Post	2	OK									
	PGstructure	5	Platform	2	OK									
	Surface	1	Edging	2	OK		Brick Wall							
	Barrier	5	TubeInfill	2	OK									
	Barrier	2	GripHandle	2	OK									
	Climbing	1	Ladder	2	OK									
	Climbing	1	Loop-step	2	OK									
	Shelter	1	ShadeCloth	2	OK		Over swing							
	Access	1	Gate-Double	2	OK									

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Access	1	Fence	2	OK									
	Landscape	1	Sand Pit	2	OK									
	Creative	1	Boat	2	OK									
	Shelter	1	Metal	2	OK		Over sandpit							
	Creative 	2	Cubby	2	Entrapment	Head/Neck	1. In gaps over 600mm 2. This structure is climbable and has a concrete footpath in the 1.5m fall zone.	3	4	12	H	1. Repair or remove. 2. Move to a location with a surrounding 1.5m impact attentuating surface free of objects. Refer advisory note 1 & 2		
	Creative	1	Kitchen	2	OK									

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Balancing	1	Log	2	PGsurface	Impact attenuation	> 600mm and not impact attenuating surface underneath and next to concrete footpath that can be fallen onto from a higher level.	2	2	4	L	> 600mm height requires softfall underneath. Install or move to surface with softfall or reduce log height to <600mm. Refer advisory note 1		
	Landscape	1	Creek	2	OK									
	Exercise	1	Trampoline	2	Obstacle	Falling space	Trampolines require a surrounding 1.5m falling space free of objects. There is currently a chair and post in the falling space	3	4	12	H	Move to a location with a surrounding 1.5m falling space free of objects. Ensure single use only.		

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
	Landscape	1	Platform	2	OK									
D	Sums	54		2				3	3	82			5400	
		Total		Average				Avge		Total			Total	

The cost of repairs is indicative only. Pricing will vary according to how it is rectified and how much work is included in a single contract. Some repairs may be undertaken in-house.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
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Advisory Notes. **These notes are a partial synopsis guide of common risk issues only. Refer to the AS4685 standards for comprehensive compliance requirements.**

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Areas where the softfall is frequently displaced should be raked and or topped-up to maintain adequate impact attenuation. The frequency depends on the intensity of use and in some locations displacement by surface water flows, inadequate drainage and wind.

Compaction is another issue. Pine bark tends to compact and become pulverised more when it is covered by a rain proof shelter or a prolonged period of drought. Sand tends to compact more readily when rained on. (depending on the type of sand).

The base Level mark on posts is required to visually monitor the intended level the surface, so operators can easily see when loose fill surfaces need topping up.

Ensure that all supplies of softfall are accompanied by a certificate of compliance with AS 4685. AS 4685.0 2017 provides photographic samples of acceptable loose-fill softfall material, particularly with respect to long sharp splinter material that can penetrate skin and eyes.

Above ground installations require edging with sufficient height and structural longevity, to adequately contain the softfall. Corrosion protected bolts to connect pine edging is reccommended as screws often fail due to the timbers warping as it dries. Chamfer top edges to minimise splintering.

To maintain adequate impact attenuation, all loose fill softfall should be monitored frequently for; adequate depth, compaction, displacement and contamination (sharps, glass, faeces and mould).

Unitary surfacing

Unitary surfacing softfall under play equipment (such as site set bonded rubber granules or bonded rubber tiles or Synthetic Grass) should be free of trips, cracks and holes. Ensure that all unitary surfacing softfall installations are accompanied by a certificate of compliance with AS 4685.2021 series and AS 4685.0 2017 and independently tested for compliant impact attenuation in accordance with AS4422 2022 procedures before acceptance of the product.

In cool climate areas (particularly) with high diurnal temperature changes, these rubber bonded products are prone to shrinking and cracking, especially if the temperature drops rapidly before the binder sets, so beware that the warranty is adequate, and that it is installed strictly in accordance with the manufactures specifications by an experienced installer.

Dark coloured unitary surfacing can reach temperatures in excess of 80oC on high UV days (not just summer), so shading and lighter colours are highly recommended. Note: Hi heat surface conditions occur into late afternoons in summer, when the sun is low in the south west. Shade over the equipment only is next to useless at these times. A solar study is highly recommended.

Effective shading of the surface also slows the break down of the polyurethane binder which is susceptible to heat degradation.

Synthetic grass also gets very hot, especially when unshaded.

AS4685.0, 2017 requires that unitary surfacing shall be tested in accordance with AS4422, 2022 procedures at least every 3 years.

ASSET					HAZARD			RISK				RECTIFICATION		PHOTO
No	Item/Activity	Qty	Description	Condition	Type	Description	Comment	Probability	Severity	Value	Risk	Action/Comments	Cost $	
2	**Entrapments.** **Head/Neck:** Many older playgrounds have Head/Neck entrapments (openings in the 89-230mm range) often in Grip/Grasp handles and barriers/climbing frames/fences where the lower edge of the opening is higher than 600mm from the playing surface. These present a medium to high/very high level of risk, depending on their proximity to play events that have forced movement (slides, firepoles etc). Vertical V shapes are a high risk element and shall be re-configured. Grip handles can be fixed by fixing a packer to the adjacent post to reduce the gap to les than 89mm. Barriers/slide entry panels often require replacement with a compliant barrier. **Hair/Clothing:** These are mostly applicable where forced movement (slides firepoles etc) occurs. Gaps can arise due to loose fixings or poor design/assembly. Tighten fixings and fill gaps with durable flexible fillers, so the testing toggle does not catch. **Finger:** Protusions/rotating parts and holes in the 8-25 mm range can catch a finger. Applicable where the hole is 1 metre or more above the playing surface. Fill holes with durable material. Bolts are best as silicone tends to fail over time. Plug ends of pipes. **Whole Body:** Tunnels can entrap the body and have limits on their inside diameter/length ratio and angle of inclination. Tunnel slides minimum internal diameter is 750mm. **Foot/Leg:** Surfaces meant for running or walking (eg bridges) Maximum gap 30mm. No footholds or handholds that can entrap hands or feet/ankles. **Protection from Falling.** ***Not Easily accessible playgrounds:*** **Guardrails:** are not required on platforms less than 1 metre high. Guardrails (Height 600-850mm) are required where platforms are 1-2 metres high. Play element access openings maximum 500mm. **Barriers:** are required to platforms 2-3 metres high. Barrier height >700mm. Play element openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element (over 45^{o}) to a maximum 1200mm width. ***Easily accessible playgrounds:*** **Barriers:** are required to platforms over 600mm high (maximum height 3 metres). Barrier height >700mm. Play element access openings max 500mm where no guardrail is over the opening. With a guardrail over the opening; no wider than the width of a steep play element to a maximum 1200mm. ***SECS Playgrounds:*** As for Easily accessible playgrounds except the maximum platform height is 1.8 metres													

Playground inspection Data Descriptions

behind the Alpha numeric codes used in the Inspection Report

Condition

Value	Description
1	
2	Good
3	Average
4	Poor
5	Requires urgent attention

Probability/Likelihood

Value	Probability	Likelihood
1	Rare	Highly unlikely - within 5 years
2	Unlikely	Conceivable – within a year
3	Possible	Could occur – within 6 months
4	Likely	Likely to occur within a month
5	Very Likely	Likely to occur within a week

Severity/Consequences

	Description
1	Little or no injury
2	Minor injury requiring some first aid
3	Moderate injury causing absence from school
4	Serious injury, possibly long term absence from school
5	Very high, potentially fatal or major disability

Risk Level

Code	Description	Value	Action Recommended
VL	**V**ery **L**ow	1-2	No specific action required
L	**L**ow	3-6	Monitor usage and deterioration
M	**M**edium	7 -10	Attention in a timely manner of priority commensurate with the risk level. Repair within 14 days is recommended.
H	**H**igh	11-19	Requires immediate attention. At a minimum, isolation of the hazard is recommended until it is rectified.
VH	**V**ery High	20-25	Requires immediate attention. At a minimum, comprehensive isolation of the hazard is recommended until it is rectified.

The risk level of a hazard is dependent on factors including the likelihood of an occurrence and its potential for causing injury or death (consequence). The quantitative ratings are based on ISO 31000 Risk Management.
The level of risk is determined by multiplying the Likelihood of an injury by the Severity or Consequence of an injury should it occur.
Environs and assets are listed in order of their level of risk (highest first) to assist playground operators in their decision of which hazards should be rectified as a priority.
Playground usage varies considerably, broadly based on accessibility and popularity. High use playgrounds should be checked more frequently as the probability of an injury increases with the frequency, number and age range of children playing.

Likelihood ⇩		**Consequence**				
		Little 1	Minor 2	Moderate 3	Serious 4	Very High 5
Rare	1	1	2	3	4	5
Unlikely	2	2	4	6	8	10
Possible	3	3	6	9	12	15
Likely	4	4	8	12	16	20
Very Likely	5	5	10	15	20	25

Received via Email
Friday 26/5/23

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 26/04/2023 **Structure No./Name :** Senior **Inspector:** D.Radman

Location		Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net	monitor all chain links + mounts + shooks	L	Monitor	
Bridge	Bridge mount plates worn	L	Monitor	
Pommels	Chain/s hooks worn	L	Monitor	
Climbing Frame				
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	Steering wheel missing	H	Needs repair	removed by school
Decking	Deck underside bracing split welds	H	Needs repair (Weld)	on going
Sculptures				
Sand		S		
Soft Fall	low bark/Rake level	H	needs repair	Rake level every week
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Border sleepers splitting	L	Monitor	
Chain bridge				
Pommels	Monitor s hooks staying closed	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repairs needed

single chain walk missing - L - removed by school until further notice

Chain bridge vertical chains can slide along the horizontal chain - H - needs Repair

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: ~~18-Feb~~ 26/4/23 **Structure No./Name :** Fitness Track / Sandpit **Inspector:** J.Gardner

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains				
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel	movement in parallel bars sleve	L	Monitor bolt tightness	On going issue
Climbing Net				
Bridge		S		
Cubby House				
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories	Balance beam end cap damaged	M	Needs repair	
Decking		S		
Sculptures				
Sand		S		
Soft Fall	low bark/no boarders or softfall?	H	rake level + top up as required	Does all this equipment require bark - Level 3?
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)		S		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Border logs/sleepers splitting/twisting - L - Monitor

Fort removed due to constructions works - to be re-installed at a later date

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Pre-School

Date of Inspection: 26/04/2023 **Structure No./Name :** **Garran Pre School** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains	Swings to low	H	Needs repair	
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	Movement in slide entry mount	L	Monitor	
Climbing Net		s		
Bridge	chain links/s- hooks worn	L	Monitor	
Cubby House	timber splitting/worn	L	Monitor	
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		s		
Decking		s		
Sculptures		s		
Sand		S		
Soft Fall	bark low/compacted	H	Needs repair	its fine been tested
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Mud kitchen rotting timber/movement	M	Needs repair	
Bridge	Timber bridge slat damaged/rotting	M	Needs replacement	
boat		s		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: **Advised BSO of repairs needed**

Metal staples loose on outside of cubby house - H - needs Repair

bent bar on yellow ladder - L - monitor

concrete paths lifting - L - Monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 26/04/2023 **Structure No./Name :** Junior + Web playground **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net		S		
Bridge	wearing bridge mounts	L	monitor	
Cubby House		S		
Pommels	Low chain links worn	H	Needs repair	
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	post caps brittle	L	monitor	
Decking		S		
Sculptures				
Sand		S		
Soft Fall	bark low/holes in rubber	H	Needs repair	rake level every week
Track ride/Ring Tracks				
Fitness Track				
Climb wall	Missing x2 screw and x1 loose	H	Needs repair	fixed
Web Playground	ropes wearing	L	monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: Advised BSO of repaires needed

part missing on chain/hose panel - M - needs repair

softfall splittin - L - monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 22/06/2023 **Structure No./Name :** **Fitness Track / Sandpit** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains				
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	movement in parallel bars sleve	L	Monitor bolt tightness	On going issue
Climbing Net				
Bridge		s		
Cubby House				
Climbing Frame		s		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories	Balance beam end cap damaged	M	Needs repair	
Decking		s		
Sculptures				
Sand		s		
Soft Fall	low bark/no boarders or softfall?	H	rake level + top up as required	Does all this equipment require bark - Level 3?
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)		s		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Border logs/sleepers splitting/twisting - L - Monitor

Fort removed due to constructions works - to be re-Installed at a later date

Date of Inspection: 22/06/2023 **Structure No./Name :** **Garran Pre School** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains	Swings to low	H	Needs repair	
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	Movement in slide entry mount	L	Monitor	
Climbing Net		s		
Bridge	chain links/s- hooks worn	L	Monitor	
Cubby House	timber splitting/worn/rotting	L	Monitor	
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		s		
Decking		s		
Sculptures		s		
Sand		S		
Soft Fall	bark low/compacted	H	Needs repair	
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Mud kitchen rotting timber/movement	M	Needs repair	
Bridge	Timber bridge slat damaged/rotting	M	Needs replacement	
boat	Timber worn	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repairs needed

Nature play timber rotting - L monitor

bent bar on yellow ladder - L - monitor

concrete paths lifting - L - Monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 22/06/2023 **Structure No./Name :** **Junior + Web playground** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		s		
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel		s		
Climbing Net		s		
Bridge	wearing bridge mounts	L	monitor	
Cubby House		S		
Pommels		S		
Tyre Equipment				
Basketball Hoop		s		
Panels & Accessories	post caps brittle	L	monitor	
Decking		s		
Sculptures				
Sand		s		
Soft Fall	bark low/holes in rubber	H	Needs repair	
Track ride/Ring Tracks				
Fitness Track				
Climb wall	Missing x2 screw and x1 loose	H	Needs repair	
Web Playground	ropes wearing	L	monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repaires needed

part missing on chain/hose panel - M - needs repair

softfall splittin - L - monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 22/06/2023 **Structure No./Name :** **Senior** **Inspector:** D.Radman

Location		Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		s		
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel		s		
Climbing Net	monitor all chain links + mounts + shooks	L	Monitor	
Bridge	Bridge mount plates worn	L	Monitor	
Pommels	Chain/s hooks worn	L	Monitor	
Climbing Frame				
Tyre Equipment				
Basketball Hoop		s		
Panels & Accessories	Steering wheel missing	H	Needs repair	
Decking	Deck underside bracing split welds	H	Needs repair (Weld)	
Sculptures				
Sand		s		
Soft Fall	low bark/rake to high use areas	H	needs repair	On going
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Border sleepers splitting	L	Monitor	
Chain bridge				
Pommels	Monitor s hooks staying closed	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: **Advised BSO of repairs needed**

single chain walk missing - L - removed by school until further notice

received 12/7.

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 22/06/2023 **Structure No./Name :** Senior **Inspector:** D.Radman

Location		Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net	monitor all chain links + mounts + shooks	L	Monitor	
Bridge	Bridge mount plates worn	L	Monitor	
Pommels	Chain/s hooks worn	L	Monitor	
Climbing Frame				
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	Steering wheel missing	H	Needs repair	removed by school
Decking	Deck underside bracing split welds	H	Needs repair (Weld)	On going
Sculptures				
Sand		S		
Soft Fall	low bark/rake to high use areas	H	needs repair	On going rake level every week
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Border sleepers splitting	L	Monitor	
Chain bridge				
Pommels	Monitor s hooks staying closed	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES: **Advised BSO of repairs needed**

single chain walk missing - L - removed by school until further notice

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 22/06/2023 **Structure No./Name :** **Fitness Track / Sandpit** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains				
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel	movement in parallel bars sleve	L	Monitor bolt tightness	On going issue
Climbing Net				
Bridge		S		
Cubby House				
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories	Balance beam end cap damaged	M	Needs repair	need new one ordered
Decking		S		
Sculptures				
Sand		S		
Soft Fall	low bark/no boarders or softfall?	H	rake level + top up as required	Does all this equipment require bark - Level 3? rake level every week
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)		S		

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Border logs/sleepers splitting/twisting - L - Monitor

Fort removed due to constructions works - to be re-Installed at a later date

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Pre-School

Date of Inspection: 22/06/2023 **Structure No./Name :** **Garran Pre School** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains	Swings to low	H	Needs repair	raise the rope on the swings
Ladders, Hoop / Horizontal / Chain / Vertical		s		
Slides, Bannister / Straight / Tunnel	Movement in slide entry mount	L	Monitor	
Climbing Net		s		
Bridge	chain links/s- hooks worn	L	Monitor	
Cubby House	timber splitting/worn/rotting	L	Monitor	
Climbing Frame		S		
Tyre Equipment				
Basketball Hoop				
Panels & Accessories		s		
Decking		s		
Sculptures		s		
Sand		S		
Soft Fall	bark low/compacted	H	Needs repair	its fine been tested
Track ride/Ring Tracks				
Fitness Track				
Other (eg: ancilliary equipment)	Mud kitchen rotting timber/movement	M	Needs repair	fixed
Bridge	Timber bridge slat damaged/rotting	M	Needs replacement	need timber
boat	Timber worn	L	Monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repairs needed

Nature play timber rotting - L monitor

bent bar on yellow ladder - L - monitor

concrete paths lifting - L - Monitor

OPERATIONAL PLAYGROUND INSPECTION CHECKLIST - SCHOOL NAME: Garran Primary

Date of Inspection: 22/06/2023 **Structure No./Name :** **Junior + Web playground** **Inspector:** D.Radman

Location	Description of Fault	Repair Priority	Recommended Remediation	Action Taken
Swings, "S" Hooks / Pigtails / Seats / Suspension Chains		S		
Ladders, Hoop / Horizontal / Chain / Vertical		S		
Slides, Bannister / Straight / Tunnel		S		
Climbing Net		S		
Bridge	wearing bridge mounts	L	monitor	
Cubby House		S		
Pommels		S		
Tyre Equipment				
Basketball Hoop		S		
Panels & Accessories	post caps brittle	L	monitor	
Decking		S		
Sculptures				
Sand		S		
Soft Fall	bark low/holes in rubber	H	Needs repair	top up
Track ride/Ring Tracks				
Fitness Track				
Climb wall	Missing x2 screw and x1 loose	H	Needs repair	fixed
Web Playground	ropes wearing	L	monitor	

SWING HEIGHT:

Repair Priority

E = Extreme - Immediate repair required - Isolate Equipment

H = High - Fault to be remediated within 2 weeks

M = Medium - Fault to be remediated within 2 months

L = Low - Monitor

S = Satisfactory -Equipment Condition is Satisfactory

ADDITIONAL NOTES:

Advised BSO of repaires needed

part missing on chain/hose panel - M - needs repair

softfall splittin - L - monitor