



the **play inspection** company
the safest hands around playgrounds

Post Installation Report

Knaption Parish Council

Mundesley & District Recreation Association

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API Associate



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RPII Inspection Methodology

This document outlines the RPII position on inspections undertaken by the Inspectors listed on the RPII Register of Inspectors for Indoor Annual, Outdoor Annual, Outdoor Operational and Outdoor Routine.

Inspections are undertaken with reference to the standards listed in this preamble only; where no date for the standard is given it the date of the standard will be that current at the time of inspection with the exception of where overlap periods are granted by the standards committee when standards are updated. The information contained in reports is provided to assist the owner/operator in fulfilling their responsibilities as detailed in the relevant standard. Other standards referenced within the listed standards do not form part of the inspection.

The following standards are relevant to all installations of equipment that are publicly accessible to users; this would include public parks, pay and play parks, schools, nurseries, public houses, holiday parks, indoor play centres, farm parks etc. All equipment used or employed in publicly accessible areas should meet with the requirements of the relevant standards (listed below);

BS EN 1176 Parts 1, 2, 3, 4, 5, 6, 10 & 11 Playground equipment intended for permanent installation outdoors & indoors.

BS EN 1176 Part 7 - 'Guidance on Installation, Inspection, Maintenance and Operation' (this document gives guidance to the owners/operators of the facility on the installation, inspection, maintenance and operation of playground equipment, including ancillary items).

Domestic play equipment falls outside of the scope of BS EN 1176 and has its own standard (BS EN 71 – Safety of Toys). Where domestic equipment can be identified this will be acknowledged in the report but any comments concerning compliance within the inspection will still refer to BS EN 1176.

Other equipment that is not clearly identified as unsupervised or domestic (natural play, self-build equipment etc.) will be assessed for compliance with the relevant standard listed below:

BS EN 15312 - Multi use sports equipment
BS EN 14974 - Wheeled sports equipment
BS EN 16630 - Outdoor fitness equipment
BS EN 16899 - Parkour equipment (plus RPII/API guidance notes)

Annual and Post Installation inspections will take into consideration compliance with current standards and defects related to wear and vandalism. Items not listed in the report have not been included in the inspection. The inspection will cover the playground equipment and the active area up to 3.0 metres around, or the fence line if closer.

Operational inspections only take into consideration defects related to wear and vandalism. Routine visual inspections (if undertaken) relate only to the most obvious defects such as broken or missing parts, vandalism and issues created by severe weather conditions (the intention is to identify hazards created by storm damage).

The inspection is non-dismantling, non-destructive and does not include for any structural, toxicology or impact assessments defined in the standard; however, the inspector will undertake a manual test for stability and if equipment fails under manual load, or any other hazard is identified as an unacceptable risk, the owner/operator will be notified as soon as practicably possible.

The inspector will access all standing surfaces as necessary on the equipment and assess all parts up to 2.5m above the standing surface. Where it is not possible to access parts of the equipment without employing an alternative means of access the report will record the action required by the owner/operator to ensure the continued safe use of the equipment. Ancillary equipment will be assessed using the inspector's knowledge and experience of the standards named in this document to ensure as far as is reasonably practicable the continued safe use of the items concerned. The owner/operator is responsible for the overall safety of the equipment and area. Inspectors who are trained to use ladders may use them where it is safe to do so, but if members of the public are present on-site ladders may not be used to access the equipment.

The inspector will not undertake any of the following works unless specifically agreed in writing at the time of order:

Checking the depth and underlying structural integrity of any surface areas and/or carrying out any testing of impact absorbing properties of any surfaces. The identification of any corrosion, rot or other deterioration in any apparatus or equipment other than by an external inspection or the inspection of any equipment (or part thereof) that is underground. Tightening any bolts, hinges or other fixing devices on any apparatus or equipment. Assessing or inspecting any electrical installations contained on any site and/or apparatus and/or equipment. Assessing or inspecting any water supplies and/or water features and/or any associated computerised systems (including carrying out any programming).

Where planting or trees are mentioned in the report no aboricultural or horticultural assessments of toxicity, suitability or condition are undertaken; the owner/operator should have suitable inspections provided by a competent person.

The owner/operator should have a 'design risk assessment' provided by the manufacturer/designer of the area for the equipment and location in which the facility is installed.

The operator is responsible for managing risks of their provision and is required by law to carry out a 'suitable and sufficient assessment' of the risks associated with a site or activity and this inspection shall be considered as contributing to the operator's discharge of this responsibility.

The details contained within the report are a snapshot of the condition at the time of inspection only and subsequent events may affect the condition of the facility. Suggested remedial actions are based on the knowledge and experience of the inspector and/ or that of the inspection company. The owner/operator should seek the advice of the manufacturer or a competent person at all times when undertaking repairs and/or modifications to equipment.

A full copy of the Play Inspection Company Ltd. Terms & Conditions are available on our website (www.playinspections.co.uk)

Table 1

The operator is responsible for following the guidance of the relevant standards. The standards give guidance on the installation, inspection, maintenance and operation of the various types of facilities. The inspection guidance is listed in Table 1, with an indication of which parts will be included in an RPII Annual or Post-Installation Inspection. The relevant standards also contain additional parts which the operator should follow.

Inspection Recommendations of relevant standards Refer to relevant standards for full text	Annual Main	RPII Annual Outdoor/ Fully enclosed Inspection
6.1 and 6.2 c) Inspect and maintain in accordance with the manufacturer's instructions (see note 1)	✓	✗ [1]
6.2 a) Identify obvious hazards	✓	✓
6.2 b) Check for operation, stability and wear (see note 2)	✓	✓ [2]
6.2 b) Check sealed for life parts	✓	✗
6.2 b) Check for cleanliness, equipment ground clearances, ground surface finishes, exposed foundations, sharp edges, missing parts, excessive wear (of moving parts) and structural integrity (see note 2)	✓	✓ [2]
6.2 c) Overall levels of safety of equipment	✓	✓
6.2 c) Overall levels of safety of foundations (see note 2)	✓	✓ [2]
6.2 c) Overall levels of safety of surfaces (see note 3)	✓	✓ [3]
6.2 c) Compliance with the relevant parts of the standard (see note 4)	✓	✓ [4]
6.2 c) Undertaking the responsibility of the operator's periodic, systematic assessment of the effectiveness of all their safety measures (BS EN 1176-7, 8.2.1)	✓	✗
6.2 c) Effects of weather	✓	✓
6.2 c) Presence of rot or corrosion (see note 2)	✓	✓ [2]
6.2 c) Assessment of repairs made/added or replaced components (see note 5)	✓	✓ [5]
6.2 c) Excavation/dismantling/additional measures	✓	✗
6.3.1 Assessment of glass reinforced plastics (see note 6)	✓	✓ [6]
6.3.2 Maintenance of one post equipment (see note 2)	✓	✓ [2]

NB The clause numbers in table 1 are taken from BS EN 1176-7. The content is equally applicable to all other relevant standards listed herein.

[1] Playgrounds contain a range of equipment from different manufacturers and installed over a number of years; operators should implement any guidance provided by the manufacturer. Item specific detail is not readily available to RPII Playground Inspectors, whose report contributes to the operator's overall Annual Main Inspection as detailed in the relevant standards.

[2] A manual test only is undertaken for stability. Wear and instability are only detectable where readily apparent without dismantling or destruction and without the use of tools, excavation or specialist equipment. Rot and corrosion are tested for with a hammer and/or steel rod. Decay in timber may exist which can only be found with specialist equipment.


[3] Only the visible condition and dimensional compliance of surface extent is considered. Neither testing of impact attenuating properties nor measurement of the thickness of bound surfaces are undertaken on RPII annual inspections.

[4] The inspection assesses compliance where this can be tested on site using manual methods without dismantling, destruction and without the use of tools or specialist equipment.

[5] The operator should use manufacturer's recommended parts, or equivalent. We are unable to verify if such parts have been used, and any subsequent change in quality or performance.

[6] Visible glass fibres will be noted in reports. The operator is responsible for repairs or replacement.

Risk Assessment Matrix

			Scores in the report are multiplication factors of Likelihood x Severity					
			Severity>>					
Likelihood	Very High probability, if the situation is not addressed an accident is almost certain.	5	Very High	VL (5)	L (10)	M (15)	H (20)	VH (25)
	High probability an accident is probable without any added factor.	4	High	VL (4)	L (8)	M (12)	H (16)	H (20)
	Moderate probability an incident is foreseeable.	3	Moderate	VL (3)	L (6)	L (9)	M (12)	M (15)
	Some probability, requires a combination of factors to take place.	2	Low	VL (2)	VL (4)	L (6)	L (8)	L (10)
	No significant probability; lightning strike, freak accident.	1	Very Low	VL (1)	VL (2)	VL (3)	VL (4)	VL (5)
			Very Low	Low	Moderate	High	Very High	
			1	2	3	4	5	
			No injury likely e.g. damaged or soiled clothing, minor bruising, grazes	Minor injury, laceration or bruising requiring first aid only	Injury requiring medical intervention e.g. cuts requiring stitches	Serious injury including concussions or fracture of long bones	Severe injury involving a potential life changing injury or fatality	
			Severity>>					
<p>Note 1: The total risk scores included within our reports are a multiplication factor of the calculated Likelihood and Severity of each finding. Both Likelihood and Severity are given a number between 1 - 5 as shown on the matrix above and these two numbers are then multiplied together to give the total risk score that is shown against defects on the report. Total risk scores can be divided in both directions, i.e. a total risk score of 12 could be a Likelihood (3) x Severity (4) or Likelihood (4) x Severity (3).</p> <p>Note 2: When we inspect we only see a snapshot of the current condition of the equipment. It is the operators responsibility to ensure that there is a continuing level of maintenance to keep the equipment in good working order and the site fit for use.</p>								

Equipment has been assessed to the following standards where relevant:

- BS EN 1176 Parts 1-11 (Playground equipment and surfacing)
- BS EN 14974 (Facilities for users of roller sports equipment)
- BS EN 15312 (Free access multi-sports equipment)
- BS EN 16899 (Parkour Equipment)
- BS EN 16630 (Outdoor Fitness Equipment).



Site Information

Inspection Ref: 897689

Site Ref: 63899

Customer Order: N/A

Inspected: 9-August-2019 - 12:21 by Alan Lingley RPII Annual Inspector

Risk Assessment: M 15 Moderate Risk



Location:

The site is located in an area of public open space and is not directly overlooked by any properties in the local community.

Disabled Access:

Generally accessible; an area accessible to most.



6 - Low Risk

Item: Site General
Manufacturer: Owner/Operator
Surface Type: N/A
Equipment Compliance: N/A
Surface Area Compliance: N/A



Total Findings: 3

Finding 1

The remnants of a springy are still present - Remove all remains and reinstate the surface to level

Finding 2

It is recommended that information signs with emergency contact details are installed at each entrance/exit point to the playground - Provide in accordance with the recommendations set out in BS EN 1176

Finding 3

NB: This report comprises of an annual inspection of the existing equipment, and a post installation inspection of the newly installed items -

8 - Low Risk

Item: Bench
Manufacturer: Not Identified
Surface Type: Concrete
Equipment Compliance: N/A
Surface Area Compliance: N/A



Total Findings: 1

Finding 1

There are projecting bolt thread(s) present - Remove excess thread length and deburr or provide cap



10 - Low Risk

Item: Climbing Frame
Manufacturer: Not Identified
Surface Type: Grass Matrix Tiles
Equipment Compliance: No
Surface Area Compliance: No

Total Findings: 11



- | | |
|--|---|
| <p>Finding 1
 There are areas or parts of the timber on the structure that have rotted - Replace all affected timbers</p> | <p>Finding 2
 The edges of the grass mat surface have not been installed in accordance with the API Code of Practice - Tuck in edges of grass mat to remove trip hazards</p> |
| <p>Finding 3
 The item is slightly loose in its foundations - Monitor for any further deterioration and repair as required</p> | <p>Finding 4
 A number of fixing(s) have worked loose and the crossbeam rotates unexpectedly - Secure all loose fixings</p> |
| <p>Finding 5
 The timber has a number of splits/shakes or air cracks and this may affect the stability or allow water ingress which will accelerate the rotting process - Monitor to ensure the splits do not cross through fixing points of the structure and/or cause any instability</p> | <p>Finding 6
 The crossbeam forms a hard object within the impact area of the equipment in contravention of the requirements of BS EN 1176 Part 1 - Monitor - No remedial work recommended</p> |
| <p>Finding 7
 The surfacing dimensions do not meet with the requirements of the current applicable standard (2.32m required/ 0.60mm provided) - Extend surface area to comply</p> | <p>Finding 8
 There is/are bolt cap covers missing or damaged on the item - Replace missing or damaged bolt cap covers</p> |
| <p>Finding 9
 There are projecting bolt thread(s) present - Remove excess thread length and deburr or provide cap</p> | <p>Finding 10
 The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the monkey bars - Monitor - No remedial work recommended</p> |
| <p>Finding 11
 This item of equipment has a fall height in excess of 2.5m and grass mats have been installed as an impact absorbing surface; these mats rely heavily on the underlying surface to achieve their critical fall height properties. - Ensure surfacing certification is sought and consider HIC testing to ensure the surfacing is performing adequately</p> | |



 10 - Low Risk

Item: Multi Play (Toddler)
Manufacturer: Adventure Playgrounds
Surface Type: Grass
Equipment Compliance: No
Surface Area Compliance: Yes

Total Findings: 6



Finding 1

There is an opening in the barriers exceeding the width allowed (500mm) in BS EN 1176, this is a low risk failure and no remedial action is required - Monitor - No remedial work recommended

Finding 3

The timber on this item has severe rot - Remove and replace all affected timber sections

Finding 5

A number of fixing(s) have worked loose on the barriers - Secure all loose fixings

Finding 2

There is some evidence of rot in the timber platform - Monitor for any further deterioration and replace as required

Finding 4

The timber has a number of splits/shakes or air cracks and this may affect the stability or allow water ingress which will accelerate the rotting process - Monitor to ensure the splits do not cross through fixing points of the structure and/or cause any instability

Finding 6

The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 head and neck entrapment in the barriers and/or steps - Monitor - No remedial work recommended



! 12 - Moderate Risk

Item: Multi Play (Junior)
Manufacturer: Sovereign Leisure
Surface Type: Grass Matrix Tiles
Equipment Compliance: No
Surface Area Compliance: No



Total Findings: 23

Finding 1 The slide run out is not secured - Secure the slide	Finding 2 The edges of the grass mat surface have not been installed in accordance with the API Code of Practice - Tuck in edges of grass mat to remove trip hazards
Finding 3 NB: This is a previously used equipment that has been relocated -	Finding 4 The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the access point - Remove the entrapment
Finding 5 The timber edging forms a hard object within the impact area of the equipment in contravention of the requirements of BS EN 1176 Part 1 - Refer to the contractor	Finding 6 The timber edging forms a hard object within the impact area of the monkey bars in contravention of the requirements of BS EN 1176 Part 1 2.55 - Refer to the contractor
Finding 7 There is conflict of use between the users of the swings and of the users of the monkey bars - Remove the swings	Finding 8 Swing frames or their top bar should only be attached to other equipment where specific measures are undertaken to segregate them from other activities, eg. additional 1.50m circulation area, barrier, or enclosures - BS EN 1176 Part 2 - 4.9 - Refer to the manufacturer
Finding 9 The item is not secured to the surface - Secure the item	Finding 10 There are projecting bolt thread(s) present - Remove excess thread length and deburr or provide cap
Finding 11 There is or are fixings missing on the monkey bar connections - Replace all missing fixings	Finding 12 The surfacing dimensions of the monkey bars do not meet with the requirements of the current applicable standard (2.10m required/0.80m provided) - Extend surface area to comply
Finding 13 The surfacing dimensions of the platform do not meet with the requirements of the current applicable standard (1.70mm required/1.0m provided) - Extend surface area to comply	Finding 14 A number of fixing(s) have worked loose on the ramp grips - Secure all loose fixings
Finding 15 There is/are finger entrapment/s in the barriers and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers - Remove the entrapment	Finding 16 The ramp forms a hard object within the impact area of the slide in contravention of the requirements of BS EN 1176 Part 1 - Refer to the manufacturer



Finding 17 There is a redundant bracket on the frame - Remove	Finding 18 There is a toggle entrapment at the top of the slide, in contravention of the recommendations set out in BS EN 1176 Part 3 - Remove the entrapment
Finding 19 There is/are finger entrapment/s in the top of the ramp and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers - Remove the entrapment	Finding 20 There is some evidence of rot in the timber - Monitor for any further deterioration and replace as required
Finding 21 The firemans pole fails the grip requirements (16mm-45mm) of BS EN 1176 Part 1 - Refer to the manufacturer	Finding 22 The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the framework beneath the platform - Remove the entrapment
Finding 23 The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the barrier - Remove the entrapment	



! 15 - Moderate Risk

Item: Multi Play (Toddler)
Manufacturer: Not Identified
Surface Type: Grass Matrix Tiles
Equipment Compliance: No
Surface Area Compliance: No

Total Findings: 20



Finding 1

This equipment has not been designed or installed to meet with the requirements of BS EN 1176 for public playground equipment; we have however used our knowledge of these standards to assist in forming the basis of our report. - The equipment should either be removed from use or written confirmation be sought from the supplier concerning the suitability of this equipment for the intended use

Finding 2

There is a conflict of use between the users of the swings and those of the monkey bars - Remove the swing seats

Finding 3

The slide run out is not secured to the surface - Secure

Finding 4

The edges of the grass mat surface have not been installed in accordance with the API Code of Practice - Tuck in edges of grass mat to remove trip hazards

Finding 5

Swing frames or their top bar should only be attached to other equipment where specific measures are undertaken to segregate them from other activities, eg. additional 1.50m circulation area, barrier, or enclosures - BS EN 1176 Part 2 - 4.9 - Refer to the manufacturer

Finding 6

The lower framework forms a hard object within the impact area of the equipment in contravention of the requirements of BS EN 1176 Part 1 - Refer to the manufacturer

Finding 7

The surfacing dimensions do not meet with the requirements of the current applicable standard - Extend surface area to comply

Finding 8

There is/are bolt cap covers missing or damaged on the item - Replace missing or damaged bolt cap covers

Finding 9

There is/are finger entrapment/s in the platforms and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers - Remove the entrapment

Finding 10

The unit is easily accessible and has an opening in the barrier to steep play elements in excess of 500mm - Refer to the manufacturer

Finding 11

There is/are finger entrapment/s in the platform and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers - Remove the entrapment

Finding 12

There is minor damage to the roof - Monitor for any further deterioration and replace as required



Finding 13 The roof canopy is held in place by twine - Refer to the manufacturer	Finding 14 The base of the access point has been covered by grass matting and may not have the correct impact attenuating properties - Refer to the manufacturer for confirmation of correct installation
Finding 15 There are protruding screws beneath the platform - Remove the protrusions	Finding 16 The lateral stability of the swing seat does not meet with the requirements of BS EN 1176 Part 2; the minimum distance between the suspension members should be the distance between the swing seat connections plus 5% of the suspension length. Distance between crossbeam connections required 44.8cm provided 39cm - Refer to the manufacturer
Finding 17 The surfacing width under each seat is less than 1.75 metres and fails the requirements of BS EN 1176 Part 2 - Refer to the manufacturer	Finding 18 The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the monkey bar framework - Remove the entrapment
Finding 19 There is/are finger entrapment/s in the barriers and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers - Remove the entrapment	Finding 20 The item is not secured to the surface - Secure to prevent the item toppling over



Findings information

6 - Low Risk (Finding 1)

Item: Ancillary Items - Site General
Manufacturer: Owner/Operator

Risk Level: L - Low Risk
Surface: N/A



Finding: The remnants of a springy are still present

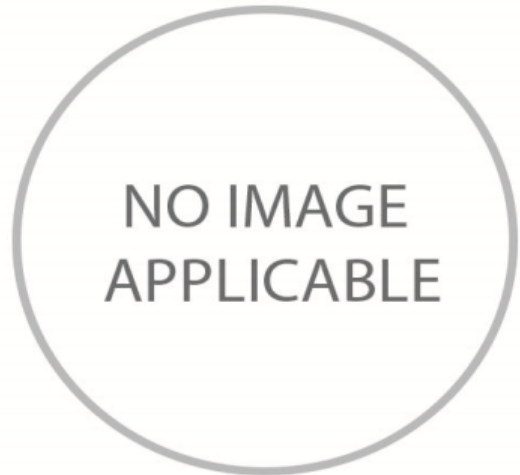
Action: Remove all remains and reinstate the surface to level



i 2 - Very Low Risk (Finding 2)

Item: Ancillary Items - Site General
Manufacturer: Owner/Operator

Risk Level: V - Very Low Risk
Surface: N/A

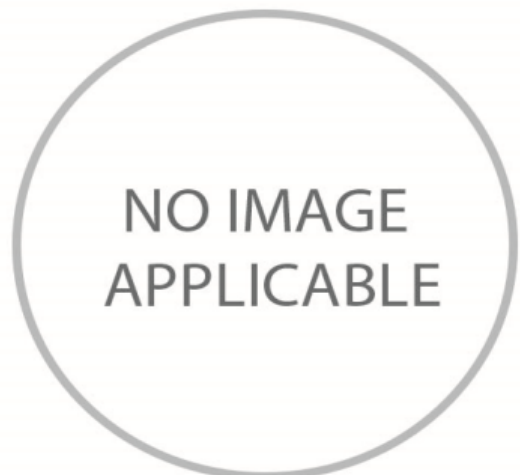


Finding: It is recommended that information signs with emergency contact details are installed at each entrance/exit set out in BS EN 1176 point to the playground
Action: Provide in accordance with the recommendations

i 0 - Risk Assessment not Undertaken (Finding 3)

Item: Ancillary Items - Site General
Manufacturer: Owner/Operator

Risk Level: N - Risk Assessment not Undertaken
Surface: N/A



Finding: NB: This report comprises of an annual inspection of the existing equipment, and a post installation inspection of the newly installed items
Action:



i 8 - Low Risk (Finding 1)

Item: Ancillary Items - Bench
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Concrete



Finding: There are projecting bolt thread(s) present

Action: Remove excess thread length and deburr or provide cap

i 10 - Low Risk (Finding 1)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: There are areas or parts of the timber on the structure that have rotted

Action: Replace all affected timbers



8 - Low Risk (Finding 2)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The edges of the grass mat surface have not been installed in accordance with the API Code of Practice
Action: Tuck in edges of grass mat to remove trip hazards

6 - Low Risk (Finding 3)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The item is slightly loose in its foundations
Action: Monitor for any further deterioration and repair as required



i 8 - Low Risk (Finding 4)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: A number of fixing(s) have worked loose and the crossbeam rotates unexpectedly

Action: Secure all loose fixings

i 6 - Low Risk (Finding 5)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The timber has a number of splits/shakes or air cracks and this may affect the stability or allow water ingress which will accelerate the rotting process

Action: Monitor to ensure the splits do not cross through fixing points of the structure and/or cause any instability



 5 - Very Low Risk (Finding 6)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The crossbeam forms a hard object within the impact area of the equipment in contravention of the requirements of BS EN 1176 Part 1

Action: Monitor - No remedial work recommended



10 - Low Risk (Finding 7)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The surfacing dimensions do not meet with the requirements of the current applicable standard (2.32m required/ 0.60m provided)

Action: Extend surface area to comply



i 4 - Very Low Risk (Finding 8)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: There is/are bolt cap covers missing or damaged on the item

Action: Replace missing or damaged bolt cap covers

i 8 - Low Risk (Finding 9)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: There are projecting bolt thread(s) present

Action: Remove excess thread length and deburr or provide cap



5 - Very Low Risk (Finding 10)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the monkey bars

Action: Monitor - No remedial work recommended



i 10 - Low Risk (Finding 11)

Item: Activity Equipment - Climbing Frame
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: This item of equipment has a fall height in excess of 2.5m and grass mats have been installed as an impact absorbing surface; these mats rely heavily on the underlying surface to achieve their critical fall height properties.

Action: Ensure surfacing certification is sought and consider HIC testing to ensure the surfacing is performing adequately

i 4 - Very Low Risk (Finding 1)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Adventure Playgrounds

Risk Level: V - Very Low Risk
Surface: Grass



Finding: There is an opening in the barriers exceeding the width allowed (500mm) in BS EN 1176, this is a low risk failure and no remedial action is required

Action: Monitor - No remedial work recommended



 6 - Low Risk (Finding 2)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Adventure Playgrounds

Risk Level: L - Low Risk
Surface: Grass



Finding: There is some evidence of rot in the timber platform

Action: Monitor for any further deterioration and replace as required



i 10 - Low Risk (Finding 3)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Adventure Playgrounds

Risk Level: L - Low Risk
Surface: Grass



Finding: The timber on this item has severe rot

Action: Remove and replace all affected timber sections

i 6 - Low Risk (Finding 4)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Adventure Playgrounds

Risk Level: L - Low Risk
Surface: Grass



Finding: The timber has a number of splits/shakes or air cracks and this may affect the stability or allow water ingress which will accelerate the rotting process

Action: Monitor to ensure the splits do not cross through fixing points of the structure and/or cause any instability



 6 - Low Risk (Finding 5)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Adventure Playgrounds

Risk Level: L - Low Risk
Surface: Grass



Finding: A number of fixing(s) have worked loose on the barriers

Action: Secure all loose fixings



 5 - Very Low Risk (Finding 6)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Adventure Playgrounds

Risk Level: V - Very Low Risk
Surface: Grass



Finding: The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 head and neck entrapment in the barriers and/or steps

Action: Monitor - No remedial work recommended



i 8 - Low Risk (Finding 1)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The slide run out is not secured

Action: Secure the slide

i 8 - Low Risk (Finding 2)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure


Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The edges of the grass mat surface have not been installed in accordance with the API Code of Practice

Action: Tuck in edges of grass mat to remove trip hazards



 0 - Risk Assessment not Undertaken (Finding 3)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: N - Risk Assessment not Undertaken
Surface: Grass Matrix Tiles



Finding: NB: This is a previously used equipment that has been relocated
Action:



 5 - Very Low Risk (Finding 4)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the access point

Action: Remove the entrapment



i 5 - Very Low Risk (Finding 5)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The timber edging forms a hard object within the impact area of the equipment in contravention of the requirements of BS EN 1176 Part 1

Action: Refer to the contractor



i 10 - Low Risk (Finding 6)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The timber edging forms a hard object within the impact area of the monkey bars in contravention of the requirements of BS EN 1176 Part 1 2.55

Action: Refer to the contractor

! 12 - Moderate Risk (Finding 7)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: M - Moderate Risk
Surface: Grass Matrix Tiles



Finding: There is conflict of use between the users of the swings and of the users of the monkey bars

Action: Remove the swings



i 8 - Low Risk (Finding 8)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: Swing frames or their top bar should only be attached to other equipment where specific measures are undertaken to segregate them from other activities, eg. additional 1.50m circulation area, barrier, or enclosures - BS EN 1176 Part 2 - 4.9

Action: Refer to the manufacturer

! 12 - Moderate Risk (Finding 9)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: M - Moderate Risk
Surface: Grass Matrix Tiles



Finding: The item is not secured to the surface

Action: Secure the item



 8 - Low Risk (Finding 10)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: There are projecting bolt thread(s) present

Action: Remove excess thread length and deburr or provide cap



 6 - Low Risk (Finding 11)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: There is or are fixings missing on the monkey bar connections

Action: Replace all missing fixings



i 10 - Low Risk (Finding 12)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The surfacing dimensions of the monkey bars do not meet with the requirements of the current applicable standard (2.10m required/0.80m provided)

Action: Extend surface area to comply

i 10 - Low Risk (Finding 13)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The surfacing dimensions of the platform do not meet with the requirements of the current applicable standard (1.70m required/1.0m provided)

Action: Extend surface area to comply



 8 - Low Risk (Finding 14)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: A number of fixing(s) have worked loose on the ramp grips

Action: Secure all loose fixings



 5 - Very Low Risk (Finding 15)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: There is/are finger entrapment/s in the barriers and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers **Action:** Remove the entrapment



i 5 - Very Low Risk (Finding 16)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The ramp forms a hard object within the impact area of the slide in contravention of the requirements of BS EN 1176 Part 1

Action: Refer to the manufacturer

i 6 - Low Risk (Finding 17)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: There is a redundant bracket on the frame

Action: Remove



i 5 - Very Low Risk (Finding 18)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles

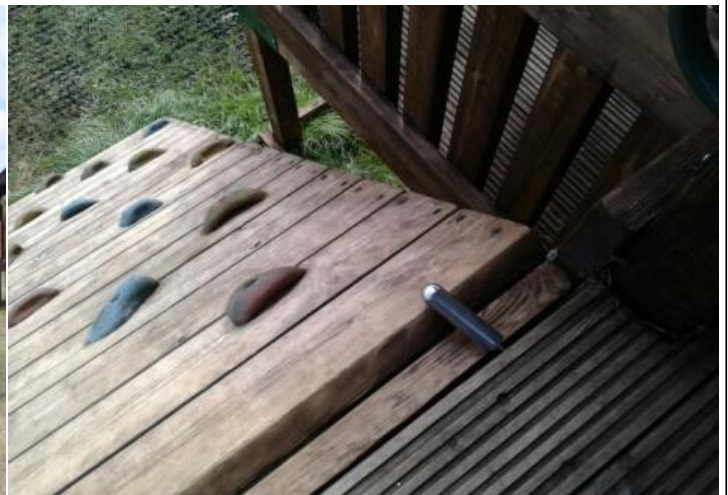


Finding: There is a toggle entrapment at the top of the slide, in contravention of the recommendations set out in BS EN 1176 Part 3
Action: Remove the entrapment

i 5 - Very Low Risk (Finding 19)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: There is/are finger entrapment/s in the top of the ramp and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers
Action: Remove the entrapment



 6 - Low Risk (Finding 20)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: There is some evidence of rot in the timber

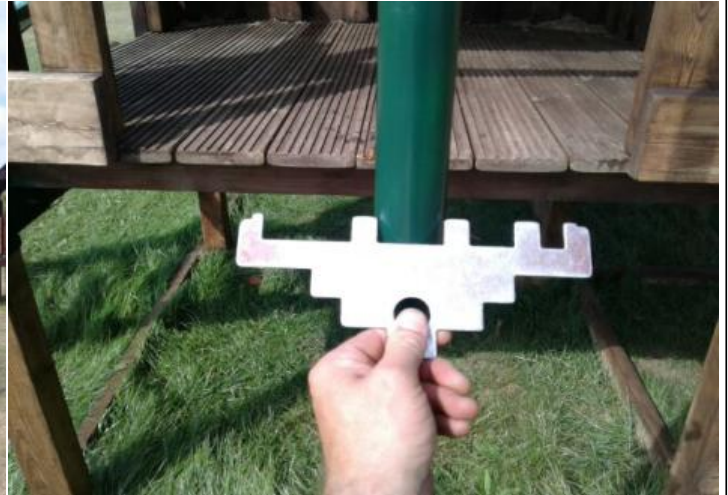
Action: Monitor for any further deterioration and replace as required



i 4 - Very Low Risk (Finding 21)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The firemans pole fails the grip requirements (16mm-45mm) of BS EN 1176 Part 1

Action: Refer to the manufacturer



i 5 - Very Low Risk (Finding 22)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the framework beneath the platform

Action: Remove the entrapment



i 5 - Very Low Risk (Finding 23)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Sovereign Leisure

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the barrier

Action: Remove the entrapment



! 15 - Moderate Risk (Finding 1)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: M - Moderate Risk
Surface: Grass Matrix Tiles



Finding: This equipment has not been designed or installed to meet with the requirements of BS EN 1176 for public playground equipment; we have however used our knowledge of these standards to assist in forming the basis of our report.

Action: The equipment should either be removed from use or written confirmation be sought from the supplier concerning the suitability of this equipment for the intended use

! 12 - Moderate Risk (Finding 2)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: M - Moderate Risk
Surface: Grass Matrix Tiles



Finding: There is a conflict of use between the users of the swings and those of the monkey bars

Action: Remove the swing seats



i 8 - Low Risk (Finding 3)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The slide run out is not secured to the surface

Action: Secure

i 8 - Low Risk (Finding 4)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The edges of the grass mat surface have not been installed in accordance with the API Code of Practice

Action: Tuck in edges of grass mat to remove trip hazards



 8 - Low Risk (Finding 5)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: Swing frames or their top bar should only be attached to other equipment where specific measures are undertaken to segregate them from other activities, eg. additional 1.50m circulation area, barrier, or enclosures - BS EN 1176 Part 2 - 4.9

Action: Refer to the manufacturer



8 - Low Risk (Finding 6)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The lower framework forms a hard object within the impact area of the equipment in contravention of the requirements of BS EN 1176 Part 1

Action: Refer to the manufacturer



i 10 - Low Risk (Finding 7)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The surfacing dimensions do not meet with the requirements of the current applicable standard

Action: Extend surface area to comply

i 4 - Very Low Risk (Finding 8)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: There is/are bolt cap covers missing or damaged on the item

Action: Replace missing or damaged bolt cap covers



 5 - Very Low Risk (Finding 9)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: There is/are finger entrapment/s in the platforms and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers

Action: Remove the entrapment



i 8 - Low Risk (Finding 10)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The unit is easily accessible and has an opening in the barrier to steep play elements in excess of 500mm
Action: Refer to the manufacturer



i 5 - Very Low Risk (Finding 11)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: There is/are finger entrapment/s in the platform and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers

Action: Remove the entrapment

i 6 - Low Risk (Finding 12)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: There is minor damage to the roof

Action: Monitor for any further deterioration and replace as required



 8 - Low Risk (Finding 13)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The roof canopy is held in place by twine

Action: Refer to the manufacturer



 5 - Very Low Risk (Finding 14)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The base of the access point has been covered by grass matting and may not have the correct impact attenuating properties

Action: Refer to the manufacturer for confirmation of correct installation



 12 - Moderate Risk (Finding 15)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: M - Moderate Risk
Surface: Grass Matrix Tiles



Finding: There are protruding screws beneath the platform **Action:** Remove the protrusions



6 - Low Risk (Finding 16)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass Matrix Tiles



Finding: The lateral stability of the swing seat does not meet with the requirements of BS EN 1176 Part 2; the minimum distance between the suspension members should be the distance between the swing seat connections plus 5% of the suspension length. Distance between crossbeam connections required 44.8cm provided 39cm

Action: Refer to the manufacturer

5 - Very Low Risk (Finding 17)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The surfacing width under each seat is less than 1.75 metres and fails the requirements of BS EN 1176 Part 2

Action: Refer to the manufacturer



i 5 - Very Low Risk (Finding 18)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: The item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.2 for head and neck entrapment in the monkey bar framework

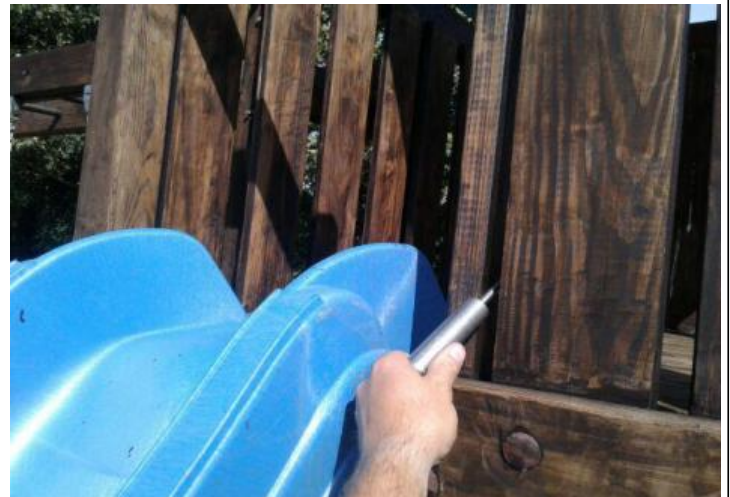
Action: Remove the entrapment



i 5 - Very Low Risk (Finding 19)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: V - Very Low Risk
Surface: Grass Matrix Tiles



Finding: There is/are finger entrapment/s in the barriers and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers **Action:** Remove the entrapment



! 15 - Moderate Risk (Finding 20)

Item: Activity Equipment - Multi Play (Toddler)
Manufacturer: Not Identified

Risk Level: M - Moderate Risk
Surface: Grass Matrix Tiles



Finding: The item is not secured to the surface

Action: Secure to prevent the item toppling over