



the **play inspection** company

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## Annual Inspection

St Albans City and District Council

Roestock Park

Admirals Close, Colney Heath, AL4 0QD



**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** - Free access multi-sports equipment

**BS EN 14974** - Skateparks

**BS EN 16630** - Permanently installed 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.

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**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 d) Overall levels of safety of equipment (see note 1)	✓	✓ [1]
6.1 d) Overall levels of safety of foundations (see note 1)	✓	✓ [1]
6.1 d) Overall levels of safety of playing surfaces (see note 2)	✓	✓ [2]
6.1 d) Compliance with the relevant parts of the standard and or risk assessment (see note 3)	✓	✓ [3]
6.1 d) Effects of weather	✓	✓
6.1 d) Presence of rot, decay or corrosion (see note 1)	✓	✓ [1]
6.1 d) Assessment of repairs made or added or replaced components (see note 4)	✓	✓ [4]
6.1 d) Excavation or dismantling/additional measures	✓	✗
6.2.1 Assessment of glass reinforced plastics (see note 5)	✓	✓ [5]
6.2.1 Inspection of one post equipment (see note 1)	✓	✓ [1]
6.2.4 Undertaking the Operators inspection protocol	✓	✗

NB: The clause numbers in table 1 are taken from BS EN 1176 - Part 7:2020. The content is equally applicable to all other relevant standards listed herein. 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.

[1] 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 or with a hammer and/or steel rod. Decay in timber may exist which can only be found with specialist equipment.


[2] 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.

[3] 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.

[4] 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

[5] 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>>					
<b>Likelihood</b>	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	
			<b>Severity&gt;&gt;</b>					
<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).



## Roestock Park

Inspection Ref: 1294387

Site Ref: 77680

Inspected: 17-February-2021 - 11:38 by David Fagan (RPII Annual Inspector)

Risk Assessment: 8 Low 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.



**i** 4 - Very Low Risk

**Item:** Gate - Self Closing  
**Manufacturer:** Not Identified  
**Surface Type:** Bitmac  
**Item Quantity:** 1  
**Equipment Compliance:** N/A  
**Surface Area Compliance:** N/A



**Total Findings:** 1

**Finding 1**

This item is satisfactory - no work required -

**i** 6 - Low Risk

**Item:** Fencing - Flat Top  
**Manufacturer:** Owner/Operator  
**Surface Type:** Grass  
**Item Quantity:** 1  
**Equipment Compliance:** N/A  
**Surface Area Compliance:** N/A



**Total Findings:** 2

**Finding 1**

The paint is flaking off the metalwork - Rub down and re-paint

**Finding 2**

There is some damage to the fence sections - Monitor for any further deterioration and repair as required



**i** 4 - Very Low Risk

**Item:** Litter Bin  
**Manufacturer:** Not Identified  
**Surface Type:** Grass  
**Item Quantity:** 1  
**Equipment Compliance:** N/A  
**Surface Area Compliance:** N/A



**Total Findings:** 1

**Finding 1**

This item is satisfactory - no work required -

**i** 8 - Low Risk

**Item:** Bench  
**Manufacturer:** Not Identified  
**Surface Type:** Grass  
**Item Quantity:** 1  
**Equipment Compliance:** N/A  
**Surface Area Compliance:** N/A



**Total Findings:** 1

**Finding 1**

The area around the item has eroded and may become slippery - Reinstate eroded area



**i** 6 - Low Risk

**Item:** Sign  
**Manufacturer:** Owner/Operator  
**Surface Type:** Grass  
**Item Quantity:** 1  
**Equipment Compliance:** N/A  
**Surface Area Compliance:** N/A

**Total Findings:** 2



**Finding 1**

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

**Finding 2**

BS EN 1176 Part 7 recommends that signage shall include the site name / address - Provide additional information

**i** 6 - Low Risk

**Item:** Supanova  
**Manufacturer:** Kompan Ltd  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes

**Total Findings:** 1



**Finding 1**

The surface has eroded in some areas - Reinstate the surface





**i** 6 - Low Risk

**Item:** Surf Swing  
**Manufacturer:** Hags  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes



**Total Findings:** 1

**Finding 1**

The surface has eroded in some areas - Reinstate the surface

**i** 5 - Very Low Risk

**Item:** Multi Use Games Area (MUGA)  
**Manufacturer:** Zaun Fencing  
**Surface Type:** Bitmac  
**Item Quantity:** 1  
**Equipment Compliance:** No  
**Surface Area Compliance:** N/A



**Total Findings:** 2

**Finding 1**

There is/are missing fixings creating finger entrapments in the surround and the item fails to meet the requirements of BS EN 15312 Clause 4.4.2.2 Entrapment of fingers - Replace the missing fixings to remove the entrapment from the equipment

**Finding 2**

A clearly visible facility sign should be provided in a prominent position with the wording as detailed BS EN 15312- the equipment is not intended for children less than 3 years old- the warning - the warning - the warning - Do not wear rings or other jewellery- name and telephone number of the administrator- number to call in case of accident - Provide signage to BS EN 15312



**i** 8 - Low Risk

**Item:** Roundabout  
**Manufacturer:** Other  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes



**Total Findings:** 2

**Finding 1**

The bearing is not operating correctly - Repair or replace the bearing as required

**Finding 2**

There are gaps opening between the grass mat tiles - Reinstate surface

**i** 5 - Very Low Risk

**Item:** Dish Roundabout  
**Manufacturer:** Sutcliffe Play Limited  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes



**Total Findings:** 1

**Finding 1**

Fixing Pins have been installed in the impact areas of the grass mats - Remove pins from impact areas



**i** 6 - Low Risk

**Item:** 2 Bay 2 Flat 1 Cradle Seat  
**Manufacturer:** Not Identified  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** No  
**Surface Area Compliance:** Yes



**Total Findings:** 3

**Finding 1**

The chain openings are in excess of the 8.6mm as recommended by BS EN 1176 - Monitor - No remedial work recommended

**Finding 2**

There is some notable evidence of chain wear - Monitor for any further deterioration and replace when 40% worn

**Finding 3**

BS EN 1176 Part 2: Annex A makes a recommendation that fences or enclosures should be upto 1m from the edges of the swing seat to the sides, and subject to risk assessment, from the edge of the impact area. This is however, a low risk finding and no remedial action is recommended. - Monitor - No remedial work recommended

**i** 6 - Low Risk

**Item:** Multi Play (Junior)  
**Manufacturer:** Safe & Sound  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** No  
**Surface Area Compliance:** Yes



**Total Findings:** 3

**Finding 1**

The unit is easily accessible and has an opening in the barrier to steep play elements in excess of 500mm in contravention of BS EN 1176 Part 1 - Monitor - No remedial work recommended

**Finding 2**

There is/are several inserts missing - Replace missing inserts

**Finding 3**

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



## Findings information

### 6 - Low Risk (Finding 1)

**Item:** Fences - Fencing - Flat Top  
**Manufacturer:** Owner/Operator

**Risk Level:** L - Low Risk  
**Surface:** Grass



**Finding:** The paint is flaking off the metalwork

**Action:** Rub down and re-paint

### 6 - Low Risk (Finding 2)

**Item:** Fences - Fencing - Flat Top  
**Manufacturer:** Owner/Operator

**Risk Level:** L - Low Risk  
**Surface:** Grass



**Finding:** There is some damage to the fence sections

**Action:** Monitor for any further deterioration and repair as required



**i** 8 - Low Risk (Finding 1)

**Item:** Ancillary Items - Bench  
**Manufacturer:** Not Identified

**Risk Level:** L - Low Risk  
**Surface:** Grass



**Finding:** The area around the item has eroded and may become slippery

**Action:** Reinststate eroded area

**i** 6 - Low Risk (Finding 1)

**Item:** Ancillary Items - Sign  
**Manufacturer:** Owner/Operator

**Risk Level:** L - Low Risk  
**Surface:** Grass



**Finding:** The item is slightly loose in its foundations

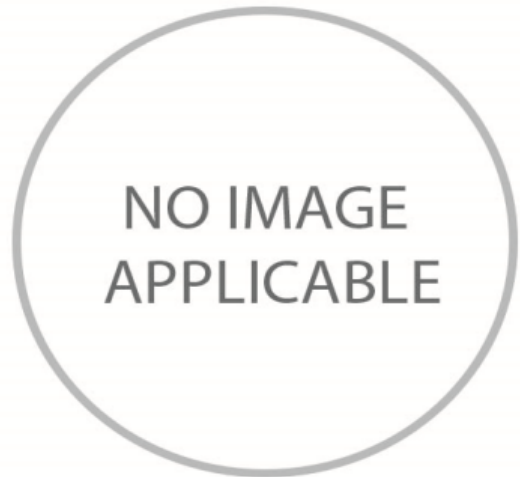
**Action:** Monitor for any further deterioration and repair as required



**i** 5 - Very Low Risk (Finding 2)

**Item:** Ancillary Items - Sign  
**Manufacturer:** Owner/Operator

**Risk Level:** V - Very Low Risk  
**Surface:** Grass



**Finding:** BS EN 1176 Part 7 recommends that signage shall include the site name / address  
**Action:** Provide additional information

**i** 6 - Low Risk (Finding 1)

**Item:** Rotor Play - Supanova  
**Manufacturer:** Kompan Ltd

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



**Finding:** The surface has eroded in some areas

**Action:** Reinstate the surface



**i** 6 - Low Risk (Finding 1)

**Item:** Swings - Surf Swing  
**Manufacturer:** Hags

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



**Finding:** The surface has eroded in some areas

**Action:** Reinststate the surface



**i** 5 - Very Low Risk (Finding 1)

**Item:** Multi Use Games Area - Multi Use Games Area (MUGA)  
**Manufacturer:** Zaun Fencing

**Risk Level:** V - Very Low Risk  
**Surface:** Bitmac



**Finding:** There is/are missing fixings creating finger entrapments in the surround and the item fails to meet the requirements of BS EN 15312 Clause 4.4.2.2 Entrapment of fingers

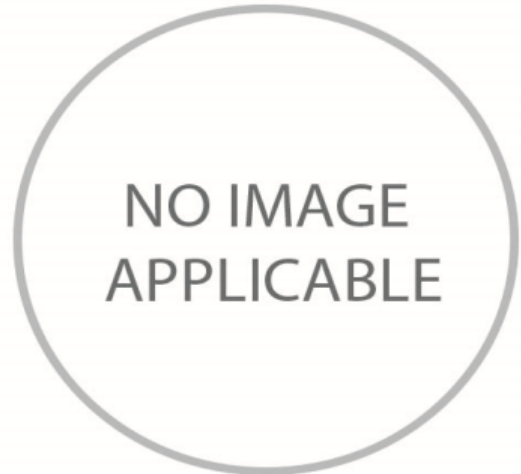
**Action:** Replace the missing fixings to remove the entrapment from the equipment





**i** 5 - Very Low Risk (Finding 2)

**Item:** Multi Use Games Area - Multi Use Games Area (MUGA)  
**Manufacturer:** Zaun Fencing  
**Risk Level:** V - Very Low Risk  
**Surface:** Bitmac



**Finding:** A clearly visible facility sign should be provided in a prominent position with the wording as detailed BS EN 15312- the equipment is not intended for children less than 3 years old- the warning - the warning - the warning - Do not wear rings or other jewellery- name and telephone number of the administrator- number to call in case of accident  
**Action:** Provide signage to BS EN 15312

**i** 8 - Low Risk (Finding 1)

**Item:** Rotor Play - Roundabout  
**Manufacturer:** Other  
**Risk Level:** L - Low Risk  
**Surface:** Grass Matrix Tiles



**Finding:** The bearing is not operating correctly  
**Action:** Repair or replace the bearing as required



**i** 6 - Low Risk (Finding 2)

**Item:** Rotor Play - Roundabout  
**Manufacturer:** Other

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



**Finding:** There are gaps opening between the grass mat tiles

**Action:** Reinststate surface

**i** 5 - Very Low Risk (Finding 1)

**Item:** Rotor Play - Dish Roundabout  
**Manufacturer:** Sutcliffe Play Limited

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



**Finding:** Fixing Pins have been installed in the impact areas of the grass mats

**Action:** Remove pins from impact areas



**i** 5 - Very Low Risk (Finding 1)

**Item:** Swings - 2 Bay 2 Flat 1 Cradle Seat  
**Manufacturer:** Not Identified

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



**Finding:** The chain openings are in excess of the 8.6mm as recommended by BS EN 1176 **Action:** Monitor - No remedial work recommended

**i** 6 - Low Risk (Finding 2)

**Item:** Swings - 2 Bay 2 Flat 1 Cradle Seat  
**Manufacturer:** Not Identified

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



**Finding:** There is some notable evidence of chain wear **Action:** Monitor for any further deterioration and replace when 40% worn



**i** 6 - Low Risk (Finding 3)

**Item:** Swings - 2 Bay 2 Flat 1 Cradle Seat  
**Manufacturer:** Not Identified

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



**Finding:** BS EN 1176 Part 2: Annex A makes a recommendation that fences or enclosures should be upto 1m from the edges of the swing seat to the sides, and subject to risk assessment, from the edge of the impact area. This is however, a low risk finding and no remedial action is recommended.

**Action:** Monitor - No remedial work recommended



**i** 6 - Low Risk (Finding 1)

**Item:** Activity Equipment - Multi Play (Junior)  
**Manufacturer:** Safe & Sound

**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 in contravention of BS EN 1176 Part 1  
**Action:** Monitor - No remedial work recommended



**i** 4 - Very Low Risk (Finding 2)

**Item:** Activity Equipment - Multi Play (Junior)  
**Manufacturer:** Safe & Sound

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



**Finding:** There is/are several inserts missing

**Action:** Replace missing inserts



**i** 6 - Low Risk (Finding 3)

**Item:** Activity Equipment - Multi Play (Junior)  
**Manufacturer:** Safe & Sound

**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