



the **play inspection** company

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## Annual Inspection

Mid Suffolk District Council

Stonham Parva

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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** - 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).



## Stonham Parva

Inspection Ref: 1437420

Site Ref: 16638

Inspected: 10-August-2021 - 10:24 by Lyn Williams 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:**

Some accessible features; an area that presents difficulties to the majority of people with disabilities but in favourable circumstances and certainly in partnership can be accessed.



**i** 8 - Low Risk

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

**Total Findings:** 3



**Finding 1**

The grass mats are silted up and the soil is compacted; this may have an effect on the impact absorbing properties of the surface - Consider HIC testing impact absorbing properties to ensure the correct surface qualities are maintained for the equipment and replace as required

**Finding 2**

Heras fencing and playground spares have been placed behind the shelter - Provide an alternative secure location for the items

**Finding 3**

General waste has been left on site - Arrange removal of waste from site

**i** 5 - Very Low Risk

**Item:** Sign  
**Manufacturer:** Not Applicable  
**Surface Type:** N/A  
**Item Quantity:** 1  
**Equipment Compliance:** N/A  
**Surface Area Compliance:** N/A

**Total Findings:** 1



**Finding 1**

It is recommended that signage, with information including the site address, contact information for maintenance issues and emergency contact details are provided for the facility - Provide in accordance with the recommendations



**i** 8 - Low Risk

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



**Total Findings:** 2

**Finding 1**

There are openings that are less than 12mm that could trap or crush fingers - Where possible a 12mm gap should be maintained on both sides or between the gate leaves

**Finding 2**

There is nettle growth around the gate - Remove the nettles

**i** 6 - Low Risk

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



**Total Findings:** 1

**Finding 1**

There is no padlock on the maintenance gate - Provide a padlock to secure the gate



**i** 4 - Very Low Risk

**Item:** Fencing - Timber  
**Manufacturer:** Owner/Operator  
**Surface Type:** N/A  
**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** 4 - Very Low Risk

**Item:** Fencing - Post & Rail  
**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:** Owner/Operator  
**Surface Type:** N/A  
**Item Quantity:** 1  
**Equipment Compliance:** N/A  
**Surface Area Compliance:** N/A



**Total Findings:** 2

**Finding 1**

The surface has eroded and the foundations are exposed -  
Reinstate surrounding surfaces to cover the foundations

**Finding 2**

The paintwork on this item has been damaged or worn  
exposing the metal underneath which is rusting - Treat any  
rusting components and repaint

**i** 4 - Very Low Risk

**Item:** Picnic Table  
**Manufacturer:** Sovereign Leisure  
**Surface Type:** Soil  
**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** 4 - Very Low Risk

**Item:** Litter Bin  
**Manufacturer:** Owner/Operator  
**Surface Type:** N/A  
**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:** Shelter  
**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** 4 - Very Low Risk

**Item:** 1 Bay 2 Seat (Flat)  
**Manufacturer:** Sovereign Leisure  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes



**Total Findings:** 1

**Finding 1**

This item is satisfactory - no work required -

**i** 4 - Very Low Risk

**Item:** Basket Swing - Type 1  
**Manufacturer:** Sovereign Leisure  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes



**Total Findings:** 1

**Finding 1**

This item is satisfactory - no work required -



**i** 4 - Very Low Risk

**Item:** 1 Bay 2 Seat (Cradle)  
**Manufacturer:** Sovereign Leisure  
**Surface Type:** Grass Matrix Tiles  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes



**Total Findings:** 1

**Finding 1**

This item is satisfactory - no work required -

**i** 5 - Very Low Risk

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



**Total Findings:** 3

**Finding 1**

The connecting links are in excess of 8.6mm and less than 12mm and fail the requirements of BS EN 1176 Part 1; clause 4.2.13, Chains - Monitor use and replace with compliant links at the next maintenance cycle

**Finding 2**

The design of the barriers encourages standing or sitting and fails the requirements of BS EN 1176 - Monitor - No remedial work recommended

**Finding 3**

There is/are finger entrapment/s in the structure and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers - Monitor - No remedial work recommended



**i** 8 - Low Risk

**Item:** Crawling Tunnel  
**Manufacturer:** Not Identified  
**Surface Type:** Grass  
**Item Quantity:** 1  
**Equipment Compliance:** Yes  
**Surface Area Compliance:** Yes



**Total Findings:** 1

**Finding 1**

This design / configuration of tunnel mound is well established and has been successfully included in large quantities of playgrounds throughout the UK. Whilst the design does not fully meet the requirements of BS EN 1176 with regards to falls in excess of 600mm over the edge of the tunnel to the surface below, it has been risk assessed as fit for purpose and no changes are recommended to the design - Monitor - No remedial work recommended

**i** 8 - Low Risk

**Item:** Embankment Slide  
**Manufacturer:** Not Identified  
**Surface Type:** Bark Mulch  
**Item Quantity:** 1  
**Equipment Compliance:** No  
**Surface Area Compliance:** Yes



**Total Findings:** 4

**Finding 1**

The concrete over the crawling tunnel forms a hard object within the falling space of the equipment in contravention of the requirements of BS EN 1176 Part 1 - Reinstate to cover the concrete

**Finding 2**

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

**Finding 3**

Parts of the timber are rough or splintered - Remove all rough or sharp edges

**Finding 4**

The design of the barriers encourages standing or sitting and fails the requirements of BS EN 1176 - Monitor - No remedial work recommended



## Findings information

### 8 - Low Risk (Finding 1)

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

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



**Finding:** The grass mats are silted up and the soil is compacted; this may have an effect on the impact absorbing properties of the surface

**Action:** Consider HIC testing impact absorbing properties to ensure the correct surface qualities are maintained for the equipment and replace as required

### 8 - Low Risk (Finding 2)

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

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



**Finding:** Heras fencing and playground spares have been placed behind the shelter

**Action:** Provide an alternative secure location for the items



**i** 8 - Low Risk (Finding 3)

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

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



**Finding:** General waste has been left on site

**Action:** Arrange removal of waste from site

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

**Item:** Ancillary Items - Sign  
**Manufacturer:** Not Applicable

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



**Finding:** It is recommended that signage, with information including the site address, contact information for maintenance issues and emergency contact details are provided for the facility

**Action:** Provide in accordance with the recommendations



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

**Item:** Gates - Gate - Self Closing  
**Manufacturer:** Not Identified

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



**Finding:** There are openings that are less than 12mm that could trap or crush fingers

**Action:** Where possible a 12mm gap should be maintained on both sides or between the gate leaves

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

**Item:** Gates - Gate - Self Closing  
**Manufacturer:** Not Identified

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



**Finding:** There is nettle growth around the gate

**Action:** Remove the nettles



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

**Item:** Gates - Gate - Maintenance  
**Manufacturer:** Not Identified

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



**Finding:** There is no padlock on the maintenance gate

**Action:** Provide a padlock to secure the gate

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

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

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



**Finding:** The surface has eroded and the foundations are exposed

**Action:** Reinstate surrounding surfaces to cover the foundations



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

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

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



**Finding:** The paintwork on this item has been damaged or worn exposing the metal underneath which is rusting

**Action:** Treat any rusting components and repaint

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

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

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



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

**Action:** Reinstate eroded area



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

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

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



**Finding:** The connecting links are in excess of 8.6mm and less than 12mm and fail the requirements of BS EN 1176 Part 1; clause 4.2.13, Chains

**Action:** Monitor use and replace with compliant links at the next maintenance cycle

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

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

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



**Finding:** The design of the barriers encourages standing or sitting and fails the requirements of BS EN 1176

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



**i** 5 - Very Low Risk (Finding 3)

**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 structure and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers

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



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

**Item:** Activity Equipment - Crawling Tunnel  
**Manufacturer:** Not Identified

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



**Finding:** This design / configuration of tunnel mound is well established and has been successfully included in large quantities of playgrounds throughout the UK. Whilst the design does not fully meet the requirements of BS EN 1176 with regards to falls in excess of 600mm over the edge of the tunnel to the surface below, it has been risk assessed as fit for purpose and no changes are recommended to the design

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



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

**Item:** Other - Embankment Slide  
**Manufacturer:** Not Identified

**Risk Level:** L - Low Risk  
**Surface:** Bark Mulch



**Finding:** The concrete over the crawling tunnel forms a hard object within the falling space of the equipment in contravention of the requirements of BS EN 1176 Part 1  
**Action:** Reinstate to cover the concrete

**i** 8 - Low Risk (Finding 2)

**Item:** Other - Embankment Slide  
**Manufacturer:** Not Identified

**Risk Level:** L - Low Risk  
**Surface:** Bark Mulch



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



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

**Item:** Other - Embankment Slide  
**Manufacturer:** Not Identified

**Risk Level:** L - Low Risk  
**Surface:** Bark Mulch



**Finding:** Parts of the timber are rough or splintered

**Action:** Remove all rough or sharp edges

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

**Item:** Other - Embankment Slide  
**Manufacturer:** Not Identified

**Risk Level:** V - Very Low Risk  
**Surface:** Bark Mulch



**Finding:** The design of the barriers encourages standing or sitting and fails the requirements of BS EN 1176

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