



the **play inspection** company

Annual Inspection

Colsterworth & District Parish Council

Old Post Lane Play Area

Opp Water Lane, Newton Grange Housing Estate,
Woolsthorpe By Colsterworth, NG33 5PG



API Associate



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Inspection Scope for RPII Inspection Methodology

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

Inspections are undertaken with reference to the standards listed in this preamble only; where no date for the standard is given it will be the standard that is current at the time of inspection except 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, unless they are also explicitly listed here.

The following standards are relevant to all installations of equipment that are publicly accessible to users; this includes 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, excluding ancillary items).

In the United Kingdom the National Foreword forms an important part to the understanding and implementation of the recommendations set out in this document. It clarifies the application of the document within the UK as best practice guidance, as the document has been used since its initial publication. Therefore, in the UK this standard (BS EN 1176 – Part 7) contains no requirements and needs to be read and implemented as guidance, with the use of the term 'shall' therefore becoming a recommendation, as in the term 'should'.

Domestic play equipment falls outside of the scope of BS EN 1176 and has its own standards (BS EN 71 series – Safety of Toys). Where domestic equipment can be identified this will be acknowledged in the report but any comments concerning compliance will follow the requirements and recommendations of BS EN 1176.

When water play items, including spray parks, are inspected any comments concerning compliance within the inspection will refer to BS EN 1176. We have not assessed these against the requirements of BS EN 17232 (Water play equipment and features).

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 these 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 (that area which is obviously part of the playground), nominally up to three metres around, the fence line if closer, or other areas as agreed.

Operational inspections only take into consideration defects related to cleanliness, equipment ground clearances, ground surface finishes, exposed foundations, sharp edges, missing parts, excessive wear (of moving parts) structural integrity, wear and vandalism.

Routine visual inspections relate only to the most obvious defects such as broken or missing parts, litter, vandalism and issues created by severe weather conditions (the intention is to identify hazards created by storm damage).

All inspections are non-dismantling, non-destructive and do not include 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 reasonably accessible equipment and will assess all reasonably accessible parts 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. (Note: Ancillary items are not included in the specific equipment-type parts of the EN 1176 series; hence they are not assessed for compliance with EN 1176 series and are subject to a general safety assessment).

The owner/operator is responsible for the overall safety of the equipment and area.

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 the impact attenuating properties of any surfaces; the identification of any corrosion, rot or other deterioration in any apparatus or equipment other than by an external inspection; the inspection of any equipment (or part thereof) that is beneath the playing surface (loose-fill materials may be moved to expose foundations); 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 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. 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 always seek the advice of the manufacturer or a competent person when undertaking repairs and/or modifications to equipment.

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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/ Post Installation 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>>					
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).



Old Post Lane Play Area

Inspection Ref: 2514000

Site Ref: 80604

Inspected: 16-October-2024 - 12:56 by Lyn Williams (RPII Annual Inspector)

Risk Assessment: 8 Low Risk



Location:

The site is partially overlooked by properties in the local community

Disabled Access:

Generally accessible; an area accessible to most.



i 8 - Low Risk

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

Total Findings: 4



Finding 1

There is tree debris on the surfacing - Remove and maintain

Finding 2

The grass mats are silted up, the soil is compacted and the area will become very slippery when the soil is wet. - Reinstate as required

Finding 3

There is algae or moss on the surface of the equipment - Clean and treat appropriately

Finding 4

There is some graffiti present - Remove the graffiti

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: 2
Equipment Compliance: N/A
Surface Area Compliance: N/A



Total Findings: 2

Finding 1

There are trip hazards present over the edgings under the gate - Remove the trip hazard

Finding 2

The gate is not operating correctly - Take effective action to ensure the gate closes between 4 and 8 seconds

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: 3

Finding 1

The maintenance gate was correctly padlocked at the time of inspection, however this means that the inspector was unable to fully assess the gate - Ensure that there are 12mm gaps throughout the full range of motion on gate/s and between leaves where relevant

Finding 2

The gate has no drop bolt sleeves and/or drop bolts fitted - Provide drop bolt sleeves and/or drop bolts

Finding 3

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



i 6 - Low Risk

Item: Fence - Bow Top
Manufacturer: Unknown
Surface Type: Grass
Item Quantity: 1
Equipment Compliance: N/A
Surface Area Compliance: N/A



Total Findings: 1

Finding 1

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

i 6 - Low Risk

Item: Bench
Manufacturer: Unknown
Surface Type: Grass Matrix Tiles
Item Quantity: 1
Equipment Compliance: N/A
Surface Area Compliance: N/A



Total Findings: 1

Finding 1

The timber stain is in poor condition - Prepare all affected parts and re-stain with an appropriate preservative

i 6 - Low Risk

Item: Litter Bin
Manufacturer: Broxap
Surface Type: Grass
Item Quantity: 1
Equipment Compliance: N/A
Surface Area Compliance: N/A



Total Findings: 1

Finding 1

There is surface corrosion / rust present on the item - Consider treating the item

i 8 - Low Risk

Item: Overhead Rotator
Manufacturer: Lappset UK Ltd
Surface Type: Grass Matrix Tiles
Item Quantity: 1
Equipment Compliance: Yes
Surface Area Compliance: No



Total Findings: 1

Finding 1

BS EN 1176 Part 5 states that for Type C Carousels, an additional obstacle free space of at least 1.0m shall be provided from the edge of the free space / impact area and there is insufficient obstacle free space provided - Monitor - no remedial work recommended



i 8 - Low Risk

Item: Boulders
Manufacturer: Natural Feature
Surface Type: Grass
Item Quantity: 5
Equipment Compliance: N/A
Surface Area Compliance: N/A



Total Findings: 3

Finding 1

The rocks and/or boulders have moss/algae growth apparent - Clean and maintain

Finding 2

The step between the items is quite large and users may not be able to complete the step without touching ground, the items could therefore be considered to be within the falling space of each other, however the intention of the play activity continuity is easily apparent and foreseeable to the user - Monitor - No remedial work recommended

Finding 3

The fence forms a hard object within the falling space of the boulders in contravention of the requirements of BS EN 1176 Part 1 - Monitor - No remedial work recommended

i 5 - Very Low Risk

Item: Low Rotator
Manufacturer: Lappset UK Ltd
Surface Type: Grass Matrix Tiles
Item Part Number: 010624
Item Quantity: 1
Equipment Compliance: No
Surface Area Compliance: Yes
Total Findings: 1



Finding 1

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: Basket Swing - Type 1
Manufacturer: Lappset UK Ltd
Surface Type: Grass Matrix Tiles
Item Quantity: 1
Equipment Compliance: Yes
Surface Area Compliance: Yes



Total Findings: 3

Finding 1

The grass mat surface is lifting at the edges and creating trip points - Repair the surfacing to remove trip points

Finding 2

The basket bushes are showing signs of wear - Monitor for any further deterioration and replace as required

Finding 3

The chain/rope covering is damaged - Monitor for any further deterioration and replace as required

i 6 - Low Risk

Item: Multi Play (Junior)
Manufacturer: Lappset UK Ltd
Surface Type: Grass Matrix Tiles
Item Quantity: 1
Equipment Compliance: No
Surface Area Compliance: Yes



Total Findings: 3

Finding 1

The ropes/nets are worn/damaged in places - Monitor for any further deterioration and repair or replace as required

Finding 2

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 - Monitor - No remedial work recommended

Finding 3

There is/are finger entrapment/s adjacent to the slide entry and the item fails to meet the requirements of BS EN 1176 Part 1 4.2.7.6 Entrapment of fingers - Provide inserts to seal the redundant bolt holes

Findings information

6 - Low Risk (Finding 1)

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

Risk Level: L - Low Risk
Surface: Grass



Finding: There is tree debris on the surfacing

Action: Remove and maintain

8 - Low Risk (Finding 2)

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

Risk Level: L - Low Risk
Surface: Grass



Finding: The grass mats are silted up, the soil is compacted and the area will become very slippery when the soil is wet.

Action: Reinstate as required

i 6 - Low Risk (Finding 3)

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

Risk Level: L - Low Risk
Surface: Grass



Finding: There is algae or moss on the surface of the equipment

Action: Clean and treat appropriately

i 2 - Very Low Risk (Finding 4)

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

Risk Level: V - Very Low Risk
Surface: Grass



Finding: There is some graffiti present

Action: Remove the graffiti

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

8 - Low Risk (Finding 1)

Item: Gates - Gate - Self Closing
Manufacturer: Not Identified
Risk Level: L - Low Risk
Surface: Grass



Finding: There are trip hazards present over the edgings under the gate
Action: Remove the trip hazard

5 - Very Low Risk (Finding 2)

Item: Gates - Gate - Self Closing
Manufacturer: Not Identified
Risk Level: V - Very Low Risk
Surface: Grass



Finding: The gate is not operating correctly
Action: Take effective action to ensure the gate closes between 4 and 8 seconds

i 0 - Risk Assessment not Undertaken (Finding 1)

Item: Gates - Gate - Maintenance
Manufacturer: Not Identified

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



Finding: The maintenance gate was correctly padlocked at the time of inspection, however this means that the inspector was unable to fully assess the gate

Action: Ensure that there are 12mm gaps throughout the full range of motion on gate/s and between leaves where relevant

i 6 - Low Risk (Finding 2)

Item: Gates - Gate - Maintenance
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass



Finding: The gate has no drop bolt sleeves and/or drop bolts fitted

Action: Provide drop bolt sleeves and/or drop bolts

i 6 - Low Risk (Finding 3)

Item: Gates - Gate - Maintenance
Manufacturer: Not Identified

Risk Level: L - Low Risk
Surface: Grass



Finding: The paint is flaking off the metalwork

Action: Rub down and re-paint

i 6 - Low Risk (Finding 1)

Item: Fences - Fence - Bow Top
Manufacturer: Unknown

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 6 - Low Risk (Finding 1)

Item: Ancillary Items - Bench
Manufacturer: Unknown

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



Finding: The timber stain is in poor condition

Action: Prepare all affected parts and re-stain with an appropriate preservative

i 6 - Low Risk (Finding 1)

Item: Ancillary Items - Litter Bin
Manufacturer: Broxap

Risk Level: L - Low Risk
Surface: Grass



Finding: There is surface corrosion / rust present on the item

Action: Consider treating the item

i 8 - Low Risk (Finding 1)

Item: Rotor Play - Overhead Rotator
Manufacturer: Lappset UK Ltd

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



Finding: BS EN 1176 Part 5 states that for Type C Carousels, an additional obstacle free space of at least 1.0m shall be provided from the edge of the free space / impact area and there is insufficient obstacle free space provided

Action: Monitor - no remedial work recommended

i 8 - Low Risk (Finding 1)

Item: Ancillary Items - Boulders
Manufacturer: Natural Feature

Risk Level: L - Low Risk
Surface: Grass



Finding: The rocks and/or boulders have moss/algae growth apparent

Action: Clean and maintain

i 6 - Low Risk (Finding 2)

Item: Ancillary Items - Boulders
Manufacturer: Natural Feature

Risk Level: L - Low Risk
Surface: Grass



Finding: The step between the items is quite large and users may not be able to complete the step without touching ground, the items could therefore be considered to be within the falling space of each other, however the intention of the play activity continuity is easily apparent and foreseeable to the user

Action: Monitor - No remedial work recommended

i 5 - Very Low Risk (Finding 3)

Item: Ancillary Items - Boulders
Manufacturer: Natural Feature

Risk Level: V - Very Low Risk
Surface: Grass



Finding: The fence forms a hard object within the falling space of the boulders in contravention of the requirements of BS EN 1176 Part 1

Action: Monitor - No remedial work recommended

i 5 - Very Low Risk (Finding 1)

Item: Rotor Play - Low Rotator
Manufacturer: Lappset UK Ltd

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: Swings - Basket Swing - Type 1
Manufacturer: Lappset UK Ltd

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



Finding: The grass mat surface is lifting at the edges and creating trip points

Action: Repair the surfacing to remove trip points

i 4 - Very Low Risk (Finding 2)

Item: Swings - Basket Swing - Type 1
Manufacturer: Lappset UK Ltd

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



Finding: The basket bushes are showing signs of wear

Action: Monitor for any further deterioration and replace as required

i 6 - Low Risk (Finding 3)

Item: Swings - Basket Swing - Type 1
Manufacturer: Lappset UK Ltd

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



Finding: The chain/rope covering is damaged

Action: Monitor for any further deterioration and replace as required

i 6 - Low Risk (Finding 1)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Lappset UK Ltd

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



Finding: The ropes/nets are worn/damaged in places

Action: Monitor for any further deterioration and repair or replace as required

i 5 - Very Low Risk (Finding 2)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Lappset UK Ltd

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

Action: Monitor - No remedial work recommended

i 5 - Very Low Risk (Finding 3)

Item: Activity Equipment - Multi Play (Junior)
Manufacturer: Lappset UK Ltd

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



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

Action: Provide inserts to seal the redundant bolt holes