

the play inspection company

Annual Inspection

Worplesdon Parish Council

Worplesdon Memorial Ground - Teenage Area

Worplesdon Road, Worplesdon, Guildford, Surrey, GU3 3RF











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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 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)	V	✓ [1]
6.1 d) Overall levels of safety of foundations (see note 1)	V	✓ [1]
6.1 d) Overall levels of safety of playing surfaces (see note 2)	V	✓ [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	V	✓
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)	V	✓ [4]
6.1 d) Excavation or dismantling/additional measures	V	×
6.2.1 Assessment of glass reinforced plastics (see note 5)	✓	✓ [5]
6.2.1 Inspection of one post equipment (see note 1)	V	✓ [1]
6.2.4 Undertaking the Operators inspection protocol	V	×

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	
	PI			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>>							

Note 1: The total risk scores included within our reports are a multipication 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).

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.

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).



Worplesdon Memorial Ground - Teenage Area

Inspection Ref: 1207328 Site Ref: 4087 Customer Order: N/A

Inspected: 13-October-2020 - 10:30 by Richard Sewell (RPII Annual Inspector)

Risk Assessment: 6 Low Risk



Location:

There are no specific notes for this site

Disabled Access:

Severely limited access – an area that presents serious barriers to disabled people, even when skilled help is at hand.





5 - Very Low Risk

Item: Sign

Manufacturer: Owner/Operator

Surface Type: N/A
Item Quantity: 1
Equipment Compliance: N/A
Surface Area Compliance: N/A

Total Findings: 1



Finding 1

BS EN 1176 Part 7 recommends that signage shall include emergency contact details and contact details of owner / operator for reporting maintenance issues - Provide additional information



👸 6 - Low Risk

Item:Fence - Bow TopManufacturer:Owner/Operator

Surface Type: N/A
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





6 - Low Risk

Fencing - Post & Rail Item: Owner/Operator Manufacturer:

Surface Type: N/A **Item Quantity:** 1 **Equipment Compliance:** N/A Surface Area Compliance: N/A

Total Findings: 2



Finding 1

There is some strimmer / machinery damage apparent on the posts, this can penetrate the preservative applied to the further deterioration and replace as required timber and accelerate the rotting process - Monitor for any deterioration (rot) and replace as required

Finding 2

There is some evidence of rot in the timber - Monitor for any



4 - Very Low Risk

Item: Bench

Manufacturer: S M P (Playgrounds Ltd)

Surface Type: N/A **Item Quantity: Equipment Compliance:** N/A Surface Area Compliance: N/A

Total Findings: 1



Finding 1

This item is satisfactory - no work required -





4 - Very Low Risk

Item:Litter BinManufacturer:GlasdonSurface Type:N/AItem Quantity:1Equipment Compliance:N/ASurface Area Compliance:N/A

Total Findings: 1



Finding 1

This item is satisfactory - no work required -



6 - Low Risk

Item:Picnic TableManufacturer:Owner/Operator

Surface Type: N/A
Item Quantity: 2
Equipment Compliance: N/A
Surface Area Compliance: N/A

Total Findings: 1



Finding 1

There is some evidence of fire damage to the item - Monitor for any further deterioration and repair as required



4 - Very Low Risk

Item:SupanovaManufacturer:Kompan Ltd

Surface Type: Wet Pour

Item Quantity:1Equipment Compliance:YesSurface Area Compliance:Yes

Life Expectancy: 5 -10 Years

Total Findings: 1

Finding 1

This item is satisfactory - no work required -



1

4 - Very Low Risk

Item:Spinner BowlManufacturer:Kompan Ltd

Surface Type: Wet Pour

Item Quantity:2Equipment Compliance:YesSurface Area Compliance:Yes

Life Expectancy: 5 -10 Years

Total Findings: 1

Finding 1

This item is satisfactory - no work required -





6 - Low Risk

Item: Basket Swing - Type 1

Manufacturer: Record RSS

Surface Type: Wet Pour

Item Quantity: 1

Equipment Compliance: No

Surface Area Compliance: Yes

Life Expectancy: 5 -10 Years

Total Findings: 4

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 - No remedial work

recommended

Finding 3

There are weeds/vegetation growth between or around the edges of the surfacing - Remove weeds/vegetation growth

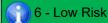
Finding 2

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

Finding 4

There are gaps opening between the surfacing and the edging surround or between the joints in the surfacing - Monitor for any further deterioration and repair as required





Item:TyphoonManufacturer:Hags

Surface Type: Wet Pour

Item Quantity: 1

Equipment Compliance: No

Surface Area Compliance: Yes

Life Expectancy: 5 -10 Years

Total Findings: 6



The fixings or components for this item were in excess of 2.5m above the standing surface and could not be fully accessed by the inspector. We have completed a visual inspection of the fixings from ground level but a maintenance inspection should be undertaken to assess the condition, security and wear of the components at intervals in accordance with the manufacturers recommendations. - Inspect in accordance with the manufacturers recommendations

Finding 3

There is some wear to the shackles. - Monitor for any further deterioration and replace when 40% worn

Finding 5

The safety surface under or around this unit has been damaged - Monitor for any further deterioration and repair as required



Finding 2

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

Finding 4

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

Finding 6

This item of equipment relies on a single post, or a line of posts, for stability and extra care needs to be taken with equipment of this nature to avoid the potential for catastrophic failure - Ensure that regular detailed inspections are undertaken to assess for rot, corrosion and general stability





6 - Low Risk

Spinning Pole Item:

Manufacturer: S M P (Playgrounds Ltd)

Surface Type: Wet Pour

Item Quantity: 2

Equipment Compliance: Yes

Surface Area Compliance: Yes

Life Expectancy: 3 - 5 Years

Total Findings: 1

Finding 1

There are weeds/vegetation growth between or around the edges of the surfacing - Remove weeds/vegetation growth



6 - Low Risk

Item: Goalmouth and Basketball Post

No

Manufacturer: Not Identified

Surface Type: Tarmac

Item Quantity: 1 **Equipment Compliance:**

Surface Area Compliance: N/A

Life Expectancy: >10 Years

Total Findings:

Finding 1

There is/are finger entrapments in the mesh and the item fails to meet the requirements of BS EN 15312 Clause 4.4.2.2 Entrapment of fingers - Monitor - No remedial work

recommended

Finding 3

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 - Do not climb on the framework or nets- the warning - Do not hang on the ring (if provided)- 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





Finding 2

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

Finding 4

There is/are several inserts missing - Replace missing inserts



4 - Very Low Risk

Item: Basket Ball Goal

Manufacturer: Not Identified

Surface Type: Tarmac

Item Quantity: 2

Equipment Compliance: Yes

Surface Area Compliance: N/A

Life Expectancy: >10 Years

Total Findings: 1

Finding 1

This item is satisfactory - no work required -







Findings information



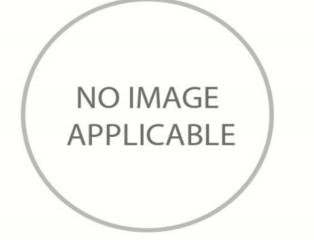
Item: Ancillary Items - Sign

Manufacturer: Owner/Operator



Risk Level: V - Very Low Risk

Surface: N/A



Finding: BS EN 1176 Part 7 recommends that signage shall **Action:** Provide additional information include emergency contact details and contact details of owner / operator for reporting maintenance issues







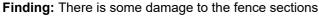
6 - Low Risk (Finding 1)

Item: Ancillary Items - Fence - Bow Top

Manufacturer: Owner/Operator

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







Action: Monitor for any further deterioration and repair as required



6 - Low Risk (Finding 1)

Item: Ancillary Items - Fencing - Post & Rail

Manufacturer: Owner/Operator

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



Finding: There is some strimmer / machinery damage apparent on the posts, this can penetrate the preservative applied to the timber and accelerate the rotting process



Action: Monitor for any deterioration (rot) and replace as required









required





5 - Very Low Risk (Finding 1)

Swings - Basket Swing - Type 1 Item:

Record RSS Manufacturer:



Finding: The connecting links are in excess of 8.6mm and Action: Monitor - No remedial work recommended less than 12mm and fail the requirements of BS EN 1176 Part 1; clause 4.2.13, Chains

V - Very Low Risk Risk Level: Surface: Wet Pour



4 - Very Low Risk (Finding 2)

Item: Swings - Basket Swing - Type 1

Manufacturer: Record RSS



Finding: The bushes are showing signs of wear

V - Very Low Risk Risk Level: Surface: Wet Pour



Action: Monitor for any further deterioration and replace as required







Swings - Basket Swing - Type 1 Item:

Record RSS Manufacturer:







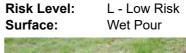
Finding: There are weeds/vegetation growth between or Action: Remove weeds/vegetation growth around the edges of the surfacing



Item: Swings - Basket Swing - Type 1

Manufacturer: Record RSS







Finding: There are gaps opening between the surfacing and Action: Monitor for any further deterioration and repair as the edging surround or between the joints in the surfacing required



\rceil 0 - Risk Assessment not Undertaken (Finding 1)

Item: Rotor Play - Typhoon Risk Level: N - Risk Assessment not Undertaken

Manufacturer: Hags Surface: Wet Pour





Finding: The fixings or components for this item were in excess of 2.5m above the standing surface and could not be recommendations fully accessed by the inspector. We have completed a visual inspection of the fixings from ground level but a maintenance inspection should be undertaken to assess the condition, security and wear of the components at intervals in accordance with the manufacturers recommendations.

Action: Inspect in accordance with the manufacturers recommendations







Item: Rotor Play - Typhoon Risk Level: V - Very Low Risk

Manufacturer: Hags Surface: Wet Pour



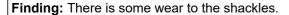


Finding: The chain openings are in excess of the 8.6mm as **Action:** Monitor - No remedial work recommended recommended by BS EN 1176

6 - Low Risk (Finding 3)

Item:Rotor Play - TyphoonRisk Level:L - Low RiskManufacturer:HagsSurface:Wet Pour







Action: Monitor for any further deterioration and replace when 40% worn



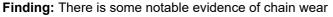




6 - Low Risk (Finding 4)

Item:Rotor Play - TyphoonRisk Level:L - Low RiskManufacturer:HagsSurface:Wet Pour







Action: Monitor for any further deterioration and replace when 40% worn

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4 - Very Low Risk (Finding 5)

Item:Rotor Play - TyphoonRisk Level:V - Very Low RiskManufacturer:HagsSurface:Wet Pour



Finding: The safety surface under or around this unit has been damaged



Action: Monitor for any further deterioration and repair as required







0 - Risk Assessment not Undertaken (Finding 6)

Rotor Play - Typhoon **Risk Level:** N - Risk Assessment not Undertaken Wet Pour Manufacturer: Hags Surface:





Finding: This item of equipment relies on a single post, or a Action: Ensure that regular detailed inspections are line of posts, for stability and extra care needs to be taken with equipment of this nature to avoid the potential for catastrophic failure

undertaken to assess for rot, corrosion and general stability

L - Low Risk Wet Pour

6 - Low Risk (Finding 1)

Item: Rotor Play - Spinning Pole Risk Level: Manufacturer: S M P (Playgrounds Ltd) Surface:



Finding: There are weeds/vegetation growth between or around the edges of the surfacing



Action: Remove weeds/vegetation growth





1

5 - Very Low Risk (Finding 1)

Item:

Multi Use Games Area - Goalmouth and
Basketball Post

Risk Level:

Manufacturer: Not Identified Surface: Tarmac





V - Very Low Risk

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

Action: Monitor - No remedial work recommended



6 - Low Risk (Finding 2)

Item:

Multi Use Games Area - Goalmouth and
Basketball Post

Risk Level: L - Low Risk

Manufacturer: Not Identified Surface: Tarmac





Finding: There is some damage to the item

Action: Monitor for any further deterioration and repair as required



5 - Very Low Risk (Finding 3)

Multi Use Games Area - Goalmouth and Item: **Basketball Post**

Not Identified Manufacturer:

Risk Level: V - Very Low Risk

Surface: Tarmac





Finding: A clearly visible facility sign should be provided in Action: Provide signage to BS EN 15312 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 - Do not climb on the framework or nets- the warning - Do not hang on the ring (if provided)- the warning - Do not wear rings or other jewellery- name and telephone number of the administrator- number to call in case of accident







Item:

Multi Use Games Area - Goalmouth and
Basketball Post

Manufacturer: Not Identified Surface: Tarmac





V - Very Low Risk

Finding: There is/are several inserts missing

Action: Replace missing inserts

Risk Level: