



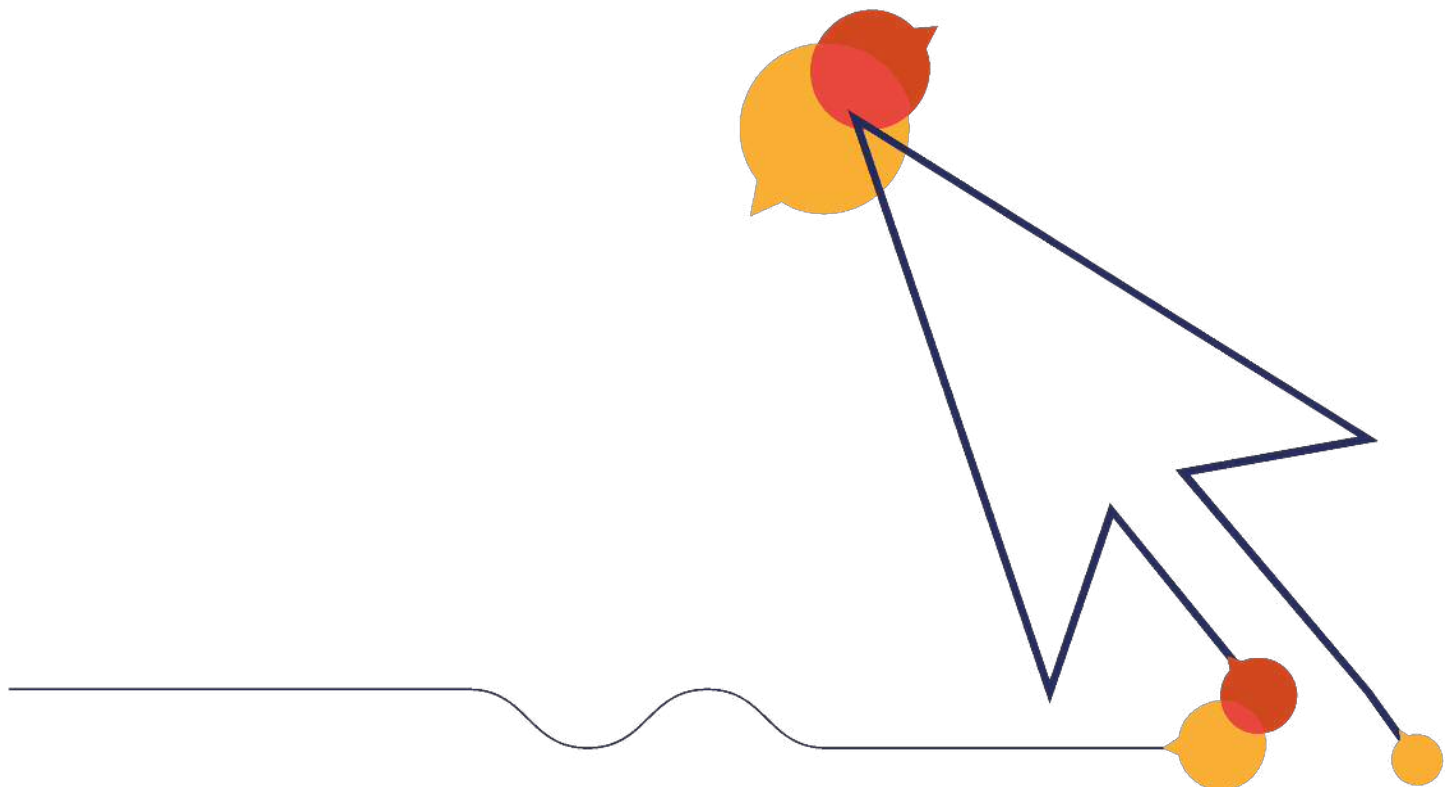
Safety Inspection Report

Annual Inspection

Recreation Ground off Broad Oak

Hatfield Broad Oak Parish Council

11 June 2020



Safety Inspection Report

Annual Inspection

Site name: **Recreation Ground off Broad Oak**
Date of inspection: **11 June 2020**
Inspector: **Bill Slater**



How to read your report

The assets on site are categorised as **Ancillary Items** or **Play Items**, and listed under those headings.

Each item is listed in the style shown in the image below, which contains labels to aid interpretation as follows:

- 1) The name of the asset
- 2) The manufacturer of the asset, if known,
- 3) The innate or default risk score of the asset, assuming it has no faults and complies with standards,
- 4) The actual risk score of the asset at the time of inspection, being the highest of the finding risks or the innate risk,
- 5) A statement about whether the item complies with the appropriate standards, including the names of those standards,
- 6) Details about findings, if any, including what is wrong (Description), what to do about it (Tasks), notes to aid understanding (Notes), and photograph(s) of the issue.

Primary Items

Sample Asset Name

Manufactured by Manufacturer Name

asset image here

Risk level:
Low
Potential risk score reduction: 1
Remedial tasks: 1

Standards:
EN 1176-1:2017, EN 1176-2:2017
The item and its surfacing (where applicable) meet with the requirements of the relevant standards.

Finding

Description
Item is rusting in places.

Tasks
Replace.

Note
Two of the frame washers are rusting.

Finding Photos

asset image here asset image here

Surface: Grass

Inspection: S4000142594. Report produced on 16/12/2019 at 12:13:07

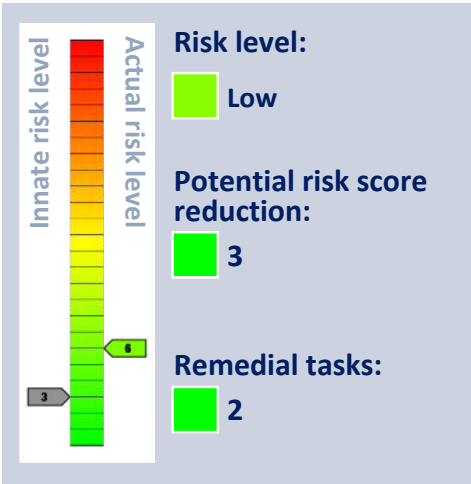
Gates



Litter Bins



Seating - Benches x 3



Finding

Description
Loose in ground.
Tasks
Read the notes for further action.
Note
Monitor.
Photo not possible

Risk level:
Very low
Risk score:
3

Finding

Description

Strimmer damage to supports is likely to accelerate timber rot.

Tasks

Prevent further damage.

Risk level:

 Low

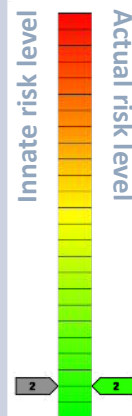
Risk score:

 6

Finding Photos



Signage



Risk level:

 Very low

 Risk score as low as possible

 No remedial tasks

Agility Trail

Manufactured by (Unknown)



Innate risk level

Actual risk level

5

7

Risk level:

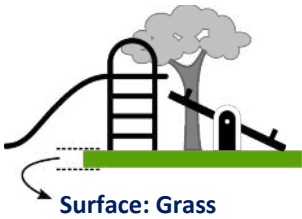
Low

Potential risk score reduction:

2

Remedial tasks:

4



Standards:

EN 1176-1:2017
The item and its surfacing (where applicable) meet with the requirements of the relevant standards.

Finding

Description

There is considerable wear to the chains.

Tasks

Replace worn parts.

Risk level:

Low

Risk score:

7

Finding Photos



Finding

Description

There is decay to timber components which may affect structural integrity. We do not recommend replacing rotten supports with timber posts which are directly set in the ground due to the increased problem of timber rot, especially in posts in contact with the ground.

Tasks

Replace decayed components where possible and plan replacement of item. Check on a routine basis, especially at ground or foundation level.

Note

Supports at surface level where there is strimmer damage.

Risk level:



Low

Risk score:



7

Finding Photos



Finding

Description

Bolt(s) loose.

Tasks

Tighten.

Risk level:



Low

Risk score:



5

Finding Photos



Finding

Description

The core of the wire is exposed.

Tasks

Replace.

Risk level:
 Low

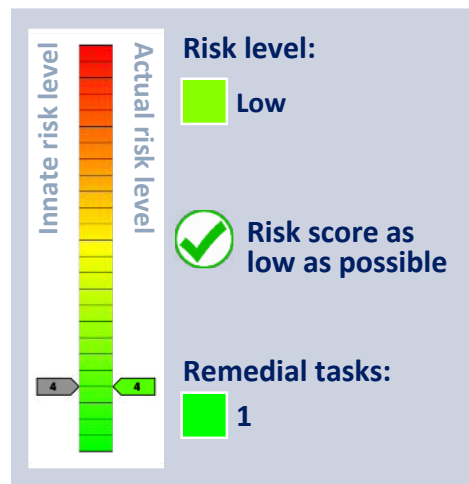
Risk score:
 6

Finding Photos



Carousel - Bowl

Manufactured by Inclusive Play Ltd



Standards:



EN 1176-1:2017, EN 1176-5:2019

The item and its surfacing (where applicable) meet with the requirements of the relevant standards.

Finding

Description

Dry bearings.

Tasks

Treat with oil, grease or silicon spray according to supplier's instructions.

Risk level:

Low

Risk score:

4

Photo not possible

Climber - Frame & Net

Manufactured by A E Evans Ltd



Standards:

EN 1176-1:2017

The item and its surfacing (where applicable) meet with the requirements of the relevant standards.



Goal Posts

Manufactured by Harrod UK Limited

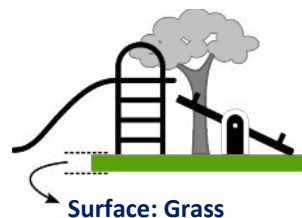
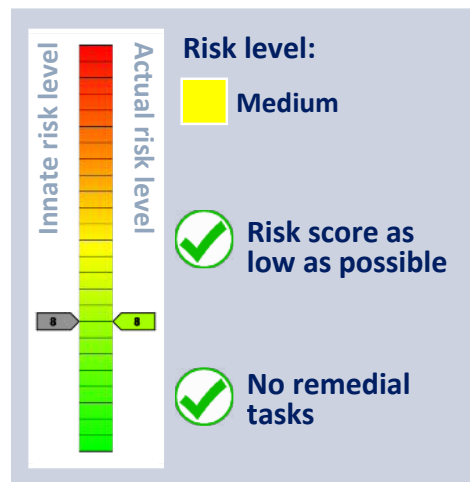


Standards:



EN 748:2013, BS 8461:2005+A1:2009

The item and its surfacing (where applicable) meet with the requirements of the relevant standards.



Multiplay - Junior

Manufactured by (Unknown)



Innate risk level

Actual risk level

6

7

Risk level:

Low

Potential risk score reduction:

1

Remedial tasks:

5



Standards:

EN 1176-1:2017
The item and its surfacing (where applicable) meet with the requirements of the relevant standards.

Finding

Description

Delamination of wood.

Tasks

Repair.

Risk level:

Low

Risk score:

6

Finding Photos



Finding

Description

Fixtures loose or missing.

Tasks

Tighten/replace.

Note

Slide run-out.

Risk level:



Low

Risk score:



4

Finding Photos



Finding

Description

There is significant corrosion on this item.

Tasks

De-scale back to good metal and coat with lead free paint, using appropriate precautions. Repairs may be necessary where corrosion is severe.

Note

Underside of lower platform.

Risk level:



Low

Risk score:



6

Finding Photos



Finding

Description

Timber is decayed.

Tasks

Check on a routine basis.

Note

Supports beneath surface have started to decay. This item has a limited life - replace as decay worsens.

Risk level:



Low

Risk score:



7

Finding Photos



Finding

Description

The core of the wire is exposed.

Tasks

No reasonably practicable action is identified.

Risk level:



Low

Risk score:



4

Finding Photos



Multiplay - Senior

Manufactured by HAGS SMP

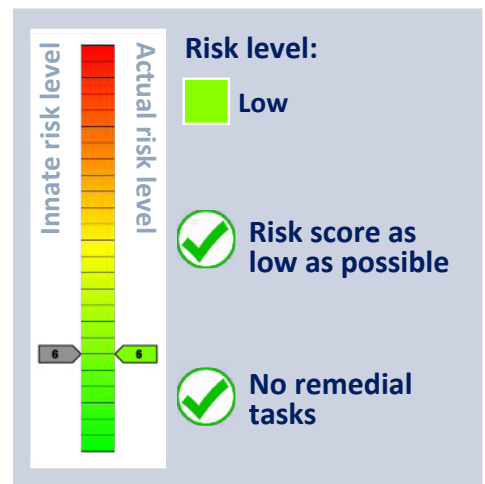


Standards:



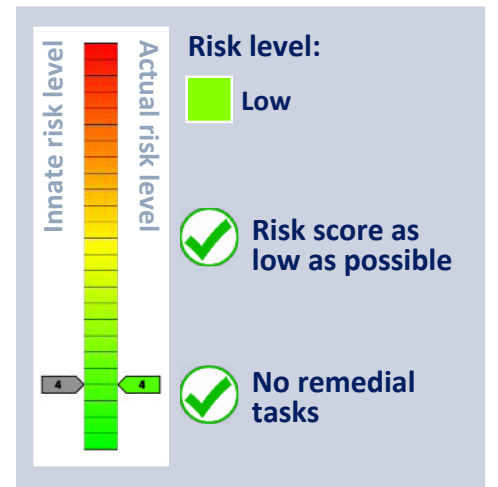
EN 1176-1:2017

The item and its surfacing (where applicable) meet with the requirements of the relevant standards.



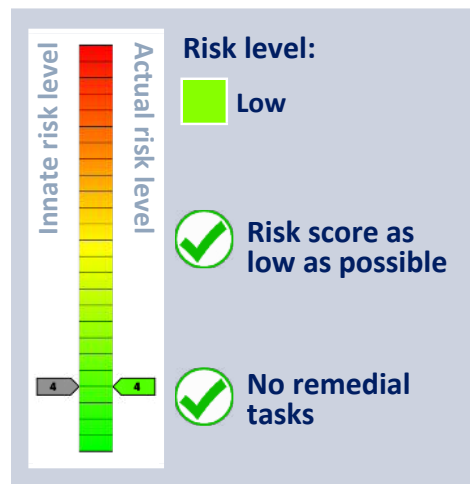
Surface: Rubber - Mulch - Bonded

Manufactured by Ledon A/S

Standards:

Rocker - 4 Seat

Manufactured by Ledon A/S



Standards:



EN 1176-1:2017, EN 1176-6:2017

The item and its surfacing (where applicable) meet with the requirements of the relevant standards.

Rocker - Horse

Manufactured by Ledon A/S



Innate risk level

Actual risk level

3 4

Risk level:

Low

Potential risk score reduction:

1

Remedial tasks:

2



Standards:

EN 1176-1:2017, EN 1176-6:2017
The item and its surfacing (where applicable) meet with the requirements of the relevant standards.

Finding

Description

Bolt(s) loose.

Tasks

Tighten.

Risk level:

Low

Risk score:

4

Finding Photos



Finding

Description

Vandalised (arson).

Tasks

No reasonably practicable action is identified.

Risk level:

Very low

Risk score:

2

Finding Photos



Swing - Junior - 1 Bay 2 Seat

Manufactured by (Unknown)



Innate risk level

Actual risk level

5

7

Risk level:

Low

Potential risk score reduction:

2

Remedial tasks:

3



Standards:

EN 1176-1:2017, EN 1176-2:2017
The item or its surfacing are not compliant with the requirements of the relevant standards.

Finding

Description

Some chain wear.

Tasks

Monitor for further deterioration and replace before 40% wear.

Risk level:

Low

Risk score:

7

Finding Photos



Finding

Description

Strimmer damage to supports is likely to accelerate timber rot.

Tasks

Prevent further damage.

Note

Also arson damage.

Risk level:



Low

Risk score:



6

Finding Photos



Finding

Description

The distance between the seat side and the support is insufficient.

Tasks

No reasonably practicable action is identified.

Risk level:



Low

Risk score:

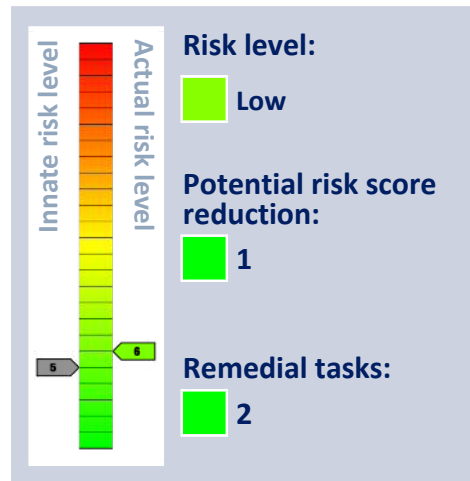


4

Photo not possible

Swing - Mixed - 1 Bay 1 Accessible 1 Toddler Seat

Manufactured by (Unknown)



Standards:



EN 1176-1:2017, EN 1176-2:2017

The item and its surfacing (where applicable) meet with the requirements of the relevant standards.

Finding

Description

Cap missing.

Tasks

No reasonably practicable action is identified.

Risk level:

Very low

Risk score:

3

Finding Photos



Finding

Description

Strimmer damage to supports is likely to accelerate timber rot.

Tasks

Prevent further damage.

Risk level:

Low

Risk score:

6

Finding Photos



General Notes

The risk scores are calculated by plotting the likelihood of harm against the severity of the injury sustained. The likelihood is given a score of 1 to 5, and the severity is given a score of 1 to 5. In doing this a matrix is produced which gives a numerical assessment of the risk on a score of 1 to 25, and a judgement is made as to which risks are low, which are medium and which are high. Risk scores may be adjusted in the light of experience and therefore may not be exactly as per the table. For example, a score of 7 may be noted.

Risks are calculated in this way:

1. An assessment of the likelihood of harm taking place is made using the numbers 1 to 5, by following these descriptions:
 - a. 1 = Rare
 - b. 2 = Unlikely
 - c. 3 = Moderate
 - d. 4 = Likely
 - e. 5 = Certain
2. An assessment of the severity of the injury sustained is made using the numbers 1 to 5, by following these descriptions:
 - a. 1 = Insignificant
 - b. 2 = Minor
 - c. 3 = Moderate
 - d. 4 = Major
 - e. 5 = Catastrophic
3. The two numbers are multiplied to give a risk score on a scale of 1 to 25.
4. Scores of 1 to 7 inclusive are considered to be low risk and are considered to be tolerable where this is the innate risk of the item,
5. Scores of 8 to 12 are considered to be medium risk and some control measures may be identified to reduce the risks to low, tolerable levels,
6. Score of 13 and above are considered to be high risk and urgent action is considered to be necessary to reduce the risks to tolerable levels.

General Notes

It is important to note that where an outcome is catastrophic, but for which the likelihood is rare this will present a score of $1 \times 5 = 5$ = low risk. Similarly, a certain event for which the consequence is insignificant will present a score of $5 \times 1 = 5$ = low risk. It is important to consider likelihood and consequence, and not just one of the factors in isolation.

The multiplication of the factors into a risk matrix is given here in Table 1, with a judgement made as to risk scoring indicated by colour.

Green = LOW risk, Amber = MEDIUM risk, Red = HIGH risk.

Table 1 – Risk Score Matrix

L i k e l i h o o d	Severity					
		1 Insignifi- cant	2 Minor	3 Moderate	4 Major	5 Catastro- phic
	1 = Rare	1 LOW	2 LOW	3 LOW	4 LOW	5 LOW
	2 = Unlikely	2 LOW	4 LOW	6 LOW	8 MEDIUM	10 MEDIUM
	3 = Moderate	3 LOW	6 LOW	9 MEDIUM	12 MEDIUM	15 HIGH
	4 = Likely	4 LOW	8 MEDIUM	12 MEDIUM	16 HIGH	20 HIGH
	5 = Certain	5 LOW	10 MEDIUM	15 HIGH	20 HIGH	25 HIGH

General Notes

Inspection Methodology

The inspections are undertaken using the RPII's inspection methodology.

Compliance with Standards

Inspections are undertaken with reference to the appropriate standards, which are listed next to each item. Compliance with these standards is not mandatory in law, but it is useful to know whether items comply or not. If we think a change is needed, then this is noted in our report. Non-compliance does not necessarily mean that a change is needed. Where a standard is undated the current version is applied, unless overlap periods are allowed by the standards committee at the time of update. The information provided herein is to assist the owner/operator to fulfil its responsibilities as detailed in the relevant standards. Other standards referenced within the listed standards do not form part of this inspection.

The listed standards are relevant to all installations of equipment which are publicly accessible, including public parks, pay to play parks, schools, nurseries, public houses, holiday parks, indoor play centres, farm parks and the like. All equipment used in publicly accessible areas should meet with the requirements of the relevant listed standard.

Additionally, EN 1176-7 provides guidance on installation, inspection, maintenance and operation to owners/operators of equipment and ancillary items.

Domestic equipment falls outside the scope of standards for publicly accessible spaces. Domestic play equipment has its own standard (BS EN 71 – Safety of Toys). Where domestic equipment can be identified this will be acknowledged in the report, but compliance may be assessed to the applicable standard relating to publicly accessible equipment.

Compliance with standards is not always a clear-cut thing. Some interpretation can be needed, and our interpretation may differ from the interpretation of others. In some cases, we may decide not to note non-compliance in cases where we think it may mislead or be unhelpful so to do.

What We Inspect

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



General Notes

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.

What We Don't Inspect

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).

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.

We have inspected without dismantling or destruction and so some aspects of the relevant standards may not be testable on site.

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.

Exposure to Risk

Exposure to acceptable levels of risk and challenge is essential to children's development and allows them to exercise their right to play. Therefore, it can be judged that levels of risk above low risk can be acceptable. The risk scores shown allow the operator to make a judgement after first considering the benefit of the activity to which the risk score relates.

Ownership

There may be cases where we report issues that are not the site owner's responsibility. It is not necessarily possible for us to determine who owns what, and in any case we need to bring all risks to your attention if they can affect the safety of the site's users.



General Notes

Contemporaneous Findings

Our report shows the findings at the time of inspection. Subsequent events may affect the condition of the site. Suggested remedial actions are based upon our knowledge and experience. The owner/operator should seek the advice of the manufacturer or a competent person when undertaking repairs and/or modifications to equipment.

Timber

Where timbers are set into the ground it is not always possible to determine levels of decay. The owner/operator should ensure it conducts appropriate inspections to identify decay before it becomes a problem.

We can undertake more in-depth testing of your playground timbers using a resistograph. Timber is known to decay from the inside out. This makes it very important that you ensure proper testing and inspection is undertaken of your playground timbers, especially where defects may be hidden inside the structures. Testing using a resistograph can help to identify defects before they become outwardly apparent, but can also confirm the condition of good timbers to prevent premature replacement with its associated costs.

The testing is undertaken using a specialist machine, which uses electronically controlled drill resistance measurement. The drill is fine enough that it does not cause permanent damage to reduce the lifespan of the equipment.

Please contact us for pricing and further information.

Planting and Trees

Where planting or trees are mentioned in our report please be advised that we do not undertake any arboricultural, horticultural or toxicological assessment of suitability or condition. You must ensure you undertake suitable inspections from an appropriate expert.



General Notes

How This Inspection Contributes to Your Annual Main Inspection

The owner/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 facility. The inspection guidance is listed in Table 1, with an indication of which parts will be included in your RoSPA inspection [the items in the first column are the items which comprise an “Annual Main Inspection”, the second column shows which elements form part of a RoSPA inspection, items with a cross are not included, some items may have limitations as shown in the notes to the Table 1). The standards also contain additional parts which the owner/operator should follow.

Table 1

Inspection Recommendations of relevant standards These form the Annual Main Inspection	Included in RoSPA Inspection?
6.1 and 6.2 c) Inspect and maintain in accordance with the manufacturer’s instructions (see note 1)	✗ [1]
6.2 a) Identify obvious hazards	✓
6.2 b) Check for operation, stability and wear (see note 2)	✓ [2]
6.2 b) Check sealed for life parts	✗
6.2 b) Check for cleanliness, equipment ground clearances, ground surface finishes, exposed foundations, sharp edges, missing parts, excessive wear (of moving parts) and structural integrity (see note 2)	✓ [2]
6.2 c) Overall levels of safety of equipment	✓
6.2 c) Overall levels of safety of foundations (see note 2)	✓ [2]
6.2 c) Overall levels of safety of surface (see note 3)	✓ [3]
6.2 c) Compliance with the relevant parts of the standard (see note 4)	✓ [4]
6.2 c) Undertaking the responsibility of the operator’s periodic, systematic assessment of the effectiveness of all their safety measures (BS EN 1176-7, 8.2.1)	✗
6.2 c) Effects of weather	✓
6.2 c) Presence of rot or corrosion (see note 2)	✓ [2]
6.2 c) Assessment of repairs made/added or replaced components (see note 5)	✓ [5]
6.2 c) Excavation/dismantling/additional measures	✗
6.3.1 Assessment of glass reinforced plastics (see note 6)	✓ [6]
6.3.2 Maintenance of one post equipment (see note 2)	✓ [2]
N.B. The clause numbers above are taken from BS EN 1176-7. The content is equally applicable to all other relevant standards. Notes [1] Playgrounds contain a range of equipment from different manufacturers and installed over a number of years; operators should implement any guidance provided by the manufacturer. Item specific detail is not readily available to RPII Playground Inspectors, whose report contributes to the operator’s overall Annual Main Inspection as detailed in the relevant standards [2] A manual test only is undertaken for stability. Wear and instability are only detectable where readily apparent without dismantling or destruction and without the use of tools, excavation or specialist equipment. Rot and corrosion are tested for with a hammer and/or steel rod. Decay in timber may exist which can only be found with specialist equipment [3] Only the visible condition and dimensional compliance of surface extent is considered. Neither testing of impact attenuating properties nor measurement of the thickness of bound surfaces are undertaken on annual inspections [4] The inspection assesses compliance where this can be tested on site using manual methods without dismantling, destruction and without the use of tools or specialist equipment [5] The operator should use manufacturer’s recommended parts, or equivalent. We are unable to verify if such parts have been used, and any subsequent change in quality or performance [6] Visible glass fibres will be noted in reports. The operator is responsible for repairs or replacement.	

EN 1176 Notes – Summary of Requirements

PROTECTION AGAINST INJURIES IN THE FREE SPACE

- * No obstacles in the minimum space (other than structures to assist or safeguard the user)
- * Traffic flows should not go through the minimum space

PROTECTION AGAINST INJURIES IN THE FALLING SPACE

- * Free height of fall should not exceed 3m



EN 1176 Notes – Summary of Requirements

SWINGS

The main changes relate to requirements for new types of swings, dimensions and surfacing areas.

REQUIREMENTS

* No all rigid suspension members (i.e. solid bar top to bottom)



EN 1176 Notes – Summary of Requirements

* Platforms should be circular and enclosed







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