

James E Ferguson

East Sutton Parish Council

**EN1176 Level Three Annual Safety
Inspection of
External Fixed Play & Sports Equipment**

July 2020

James E Ferguson

Safety Inspector

BETEC Advance Award Play Inspection, RoSPA Annual Inspection Cert, RPII Cert, NEBOSH Cert IOSH Environment Cert & Cert Ed)

East Sutton Parish Council

EN 1176 Detailed Annual Inspection of

External Play Equipment

This document and any attachment is copyright of Play – On – Safe, with all rights reserved.

No part of this play equipment report may be copied or reproduced by any means without prior written permission from James E Ferguson of. This report has been produced for the exclusive use of the commissioning party and unless otherwise agreed in writing from James E Ferguson no other party may use, make use of or rely on the contents of this report. No liability is accepted by James E Ferguson for any use of this report, other than for the purposes of which it was originally prepared and provided.

Information and opinions provided in the report are on the basis of James E Ferguson using due skill, care and diligence in the preparation of the same and no warranty is provided as to their accuracy. This report should be used in conjunction with the regular visual and operational inspection reports so as to keep the inspected play equipment and associated surfaces in safe and in good working order.

It should be noted and it is expressly stated that no independent verification of any of the documents or information supplied by James E Ferguson has been made. The report and finding are based on what was accessible at the time of the inspection with the understanding that the owner of the equipment is fully complying with the manufactures recommendations covering installation and maintenance required by the EN 1176, EN 1177 safety standards.

Check List	
Covering Letter	/
Report	/
Photographs	/
Invoice	/

James E Ferguson, Play-On-Safe, 14 Brooklands, Headcorn, Kent, TN27 9QS
 Tel: 01622 891505. Mob : 07596275002. Email: james.e.ferguson@hotmail.co.uk.

Client

- East Sutton Parish Council

Site

- Outside play area, Church lane, East Sutton

Inspection Time & Date

- 2.10pm on 28th July 2020.

Inspector

- James E Ferguson
(BTEC Advance Award, RoSPA Cert, RPII Cert, NEBOSH Cert, IOSH Environment Cert & Cert Ed)

Location

- Fenced play area set back approximately 15 meters from church lane, adjacent to the village hall, East Sutton

Auxiliary Items – Fencing & gates

1. The road side boundary metal railings & gate were complete and secure
2. The 2.4 meter metal chain link fencing and angle iron posts on one side boundary and rear of the site were complete and secure.
3. The boundary brick wall and attached metal angle iron posts and chain link fencing were complete and secure. The inspection could not check for obvious structural defects beneath the Ivy growth nearest the road end of the site.
4. The concrete steps were complete and secure. The inspection did note a small build up of dead plant debris and should be periodically swept.
5. The galvanised railings and gate to the play area, including signage was complete and secure
6. The self-closure mechanism on the gate was working but the inspection noted a gap of 30mm when the gate was in its fully closed position. This should be periodically monitored and may require maintenance to the spring mechanism in the next 12 to 18 months.



1a



1b



2



3



4



5



6

Other Site Auxiliary Items



The bench seating and picnic bench were complete and secure

- The litterbin was complete and secure.
- The stile in the corner of the rear boundary was in very poor condition, with missing parts and the remaining ground posts were loose in the ground fixings. Debris was also found across the access path leading to the adjacent farmers field, causing a potential trip hazard to walkers using this a public foot path. It is recommended that the existing remains of the stile are removed, the path cleared and consideration given to the construction of a new stile.

Surfaces

- The grass surface leading to the play area and surrounding the safety surfacing was reasonably level and in an acceptable condition.
- The rubber crumb impact absorbing surfaces beneath the three units of play equipment and basket ball pad were in an acceptable condition and compliant to the relevant sections of the EN1176 & 1177 safety standards.



- However the inspection noted that the rear corner of the children's cradle swings had a small area of the concrete edging which had dropped by about 20mm. This will need to monitored as it could potential become a future trip hazard, especially as it is so close to the path leading to the corner stile.

Unit One: Metal Mesh Back Panel with Basket Ball Ring
Fixed Play & Sports Equipment

Manufacture

- Wicksteed Playscapes

Free Fall Height

- N/A

Surfacing

- The rubber crumb surface including kerb edging was complete, level and compliant to the relevant sections of the EN 1176-1:2008 & BS594987:2010 safety standards

Components

- The metal box section posts and cross frame members were complete and secure.
- The six metal mesh panels were complete and secure.

- The moulded plastic basketball backboard and attached metal ring were complete and made secure during the inspection.
- All fixings were complete and made secure
- Painted & galvanised surfaces were in an acceptable condition with no notable surface heavy corrosion

Compliance

- At the time of the inspection this unit of equipment was in an acceptable condition and compliant with the relevant sections of the EN 1176-1:2008 safety standards and BS EN 14904:2005 (basket ball) standards.



Risk Factor

Low if routine inspections and maintenance are carried out.

Recommendations

Carryout maintenance as recommended by the manufacture.

Unit Two : Single Bay of Two Cradle Swings

Manufacturer

- No manufactures label

Free Fall Height

- Potential 1200mm

Surfacing

- The rubber crumb impact absorbing surface has a minimum depth of 45mm and is compliant to the EN 1176 safety standards. The inspection noted a build up of surface leaf debris

Components

- The box section metal swing frame and overhead cross beam were complete and secure
- The swing seat chains and connecting shackles were complete and secure. Wear in the overhead shackle points was within acceptable levels. The cradle swing seats were complete and secure with seat height of 520mm.
- All fixings were complete and secure and painted surfaces were in an acceptable condition with no notable surface corrosion

Compliance

- At the time of the inspection this unit of equipment was in an acceptable condition and compliant with the EN 1176-1:2008 & 1176-2 (swings) safety standards.



Risk Factor

- Low if routine inspections and maintenance are carried out

Recommendations

- Remove the build up of debris from the rubber crumb surface

Unit Three: Single Bay of Two Adult Swings

Manufacture

- No manufactures label

Free Fall Height

- Potential 1200mm

Surfacing

- The rubber crumb impact absorbing surface has a minimum depth of 45mm and is compliant to the EN 1176 safety standards

Components

- The box section metal swing frame and overhead cross beam was complete and secure

- The swing seat chains and connecting shackles were complete and secure. Some wear was noted in the chain shackle bearings. However The inspection noted excess wear in one of the bearings (see photo).

- The swing seats were complete and made secure during the inspection. Swing seat height measured at 540mm and finger probe test confirmed the chains met the EN1176 standards

- All fixings were complete and secure

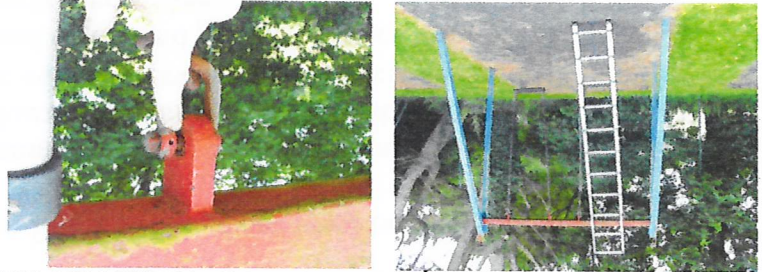
- Painted surfaces were in an acceptable condition with no notable surface corrosion

Compliance

- At the time of the inspection this unit of equipment was in an acceptable condition and compliant with the EN 1176-1:2008 & 1176-2 (swings) safety standards.

Risk Factor

- Low if routine inspections and maintenance are carried out



Recommendations

- Monitor the worn swing shackle bearing and consider its replacement in the next 6 to 12 months to reduce wear to other parts
- Remove the build up of debris from the rubber crumb surface.

Unit Four: Multi Play Frame

Manufacture

- Wicksteed Playscapes

Free Fall Height

- 600mm (measured at platform height)

Surfacing

- The rubber crumb impact absorbing surface has a minimum depth of 45mm and is compliant to the EN 1176 safety standards

Components

- The metal ground support posts and associated metal frame members were complete and secure.

- The two metal platforms were complete and secure
- Angled metal & plastic ramp with foot blocks were complete and secure
- Metal slide was complete and secure
- The three moulded plastic access steps and frame were complete and secure
- The four moulded plastic bridge step pads and associated frame & side metal rails were complete and secure
- The four moulded plastic platform barrier panels were complete secure and attached puzzle / game parts were in working order
- All fixings were complete and secure
- Painted & galvanised surfaces were in an acceptable condition with no notable surface corrosion

Compliance

- At the time of the inspection this unit of equipment was in an acceptable condition and compliant with the EN 1176-1:2008 & 1176-3 : 1998(slides) safety standards.

Risk Factor

- Low if routine inspections and maintenance are carried out.



Recommendations

- Remove the build up of debris from the rubber crumb surface.
- During the proposed wash down of the equipment before opening the site consider scrubbing off the build up of surface green algae.

