

Instructions for wear checks of play equipment

The equipment must be checked for correct operation and safety, especially the points listed below:

Proof of maintenance

Playground

Date of installation

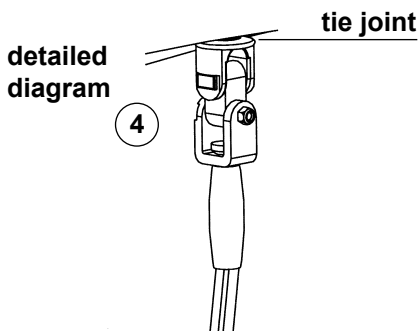
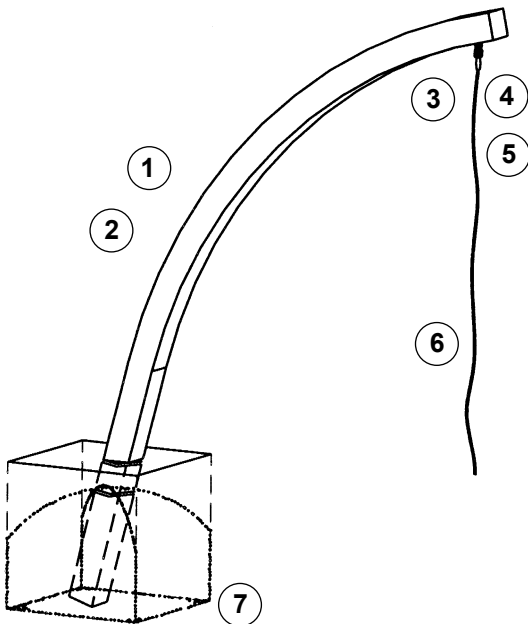
Checks depend on the type of equipment. Any equipment with moving parts must be checked at least twice a year, static equipment at least once a year.

Intervals for maintenance work and checks generally depend on

- location
- kind of use
- frequency of use
- possible vandalism

For more details see also "General instructions for maintenance of playgrounds".

Tarzan Rope
Order No. 7.64200



Wooden parts

1. Check for rot and, if necessary, smooth out splinters and round off sharp edges of cracks.
2. Recommendation: apply a breathable, opaque varnish (opaque colour is to be preferred over a transparent one).

Joint

3. Check that joint can move smoothly in both directions.
4. Check connection to wood, tie joint must have a snug fit (see detailed diagram).
5. Make sure that the swivels move smoothly, apply grease if required.

Rope

6. Check for wear and tear. Replace if steel reinforcement is damaged.

Structural stability

7. Attention! One-legged equipment: In order to check for rot at wooden parts, uncover the foundation twice a year.

Repair not carried out, it is still possible to play on equipment

Repair not carried out, equipment is taken out of action

All work carried out, everything is in order

Maintenance carried out by:

..... Date

Special notes, e.g. for repairs

For spare parts refer to back of page.

Additional notes

Maintenance of one post equipment

This product is a one post equipment according to EN 1176-1.

Equipment of this kind requires special diligence with regard to planning, construction and maintenance.

In this document, you will find additional maintenance notes.

The following principles generally apply to one post equipment:

The longer the equipment has been in operation, the more diligence is required during maintenance.

Dynamic loads additionally stress the structural stability.

Frequency of use and a given excessive load must be taken into account when scheduling maintenance.

The goal of any inspection must be to ensure that the equipment can be safely used until the next check is due.

It is important to pay attention to the following special aspects for safe operation of one post equipment during regular inspections:

- Check the structural stability **twice a year**, uncover the foundations to do this
- Examine the earth/air zone of stand posts with extra care
- Measures for ensuring structural stability of load-bearing wooden components
 - knocking test: the clearer the sound the "healthier" the wood
 - hammer and nail test: the clearer the sound becomes as the nail is hammered in deeper and deeper, the "healthier" the wood
 - incremental drill test (spot-related information): provides very reliable information on the "internal" condition of the cross-section of the wood in one spot by enabling the person conducting the test to visually check the specimen, rub it between their fingers and smell on it
 - resistograph (spot-related information): very good information on the internal solidity of the wood, however, only experienced experts are able to interpret the measurement graphs
 - tensile test: load test resulting in highly relevant safety-related information (see separate instructions)

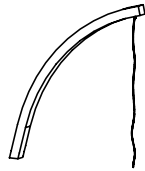
Permadrur system as an additional measure for strengthening the structural stability

Wooden stand posts protected by the Permadrur system (i.e. the part buried in the ground is protected by a black heat-shrink tube and metal foil) are checked in almost the same manner.

A 500 g hammer with a polyamide head (soft-faced hammer) is used to tap the post. Thus, the heat-shrink tube will not be damaged.

If the post is checked by determining the drill resistance (e. g. resistograph), drilling through the heat-shrink tube and metal foil is possible. However, the drill hole must be sealed with a dowel afterwards.

Spare Parts
Tarzan Rope
Order No. 7.64200



Please note that the safety standards of the equipment must not be affected. Therefore, when carrying out repairs it is helpful to **only use original parts**.

Order No.	Spare part
0.92110	Climbing rope Ø 21 mm, with swivel
0.92310	joint
0.88190	square bar steel with 2 brass bushes without bolts
0.93425	laminated beam, pre-drilled

