

Instructions for wear checks of play equipment

Playground:

Date of installation:

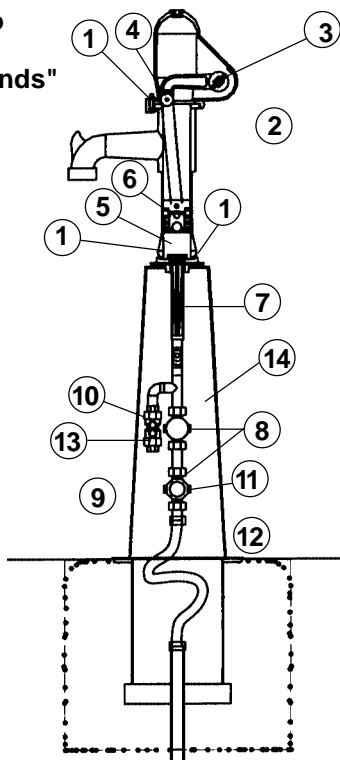
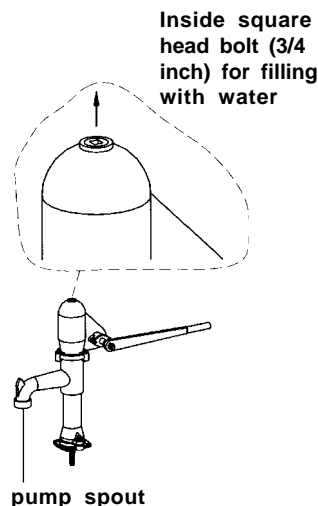
Checks of the equipment at least once a month.

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"

Playground Pump Order no. 5.17630



long term shut down e. g. in winter (danger of frost):
Empty supply pipes and remove the complete pump with pillar. Before start-up fill the pump with drinking water either by opening the inside square head bolt (see sketch) or through the pump spout (insert a water hose). **This piece of work has also be done after a short time shut down (in case that the pillar was pumped empty).** During the filling the pump swipec has to be hold in horizontal position. This procedure has to be repeated until the pump is complete functional.

short term shut down:
Dismantle the pump swipec or fix it with a chain (secure). **Important! Never just turn of the water supply, dry running condition causes high wear, in case of a not working security vale striking back of the pump swipec is possible (risk of injury) and also vandalism can be effected.**




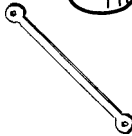






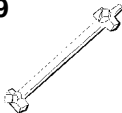



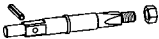









The equipment must be checked for correct operation and safety, especially the points listed below:		Proof of maintenance		
		1.	2.	3.
Pumpenoberteil				etc.
1	Check all screws and bolts for firmness (tighten to max. 2,5Nm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Check the pump swipec for smooth operation (must not rebound)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Check the bearings of the shaft for wear, lubricate by means of he lubricating nibble, replace the brass bearing if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Check the connecting screws of the piston rod for firmness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Check the bore of the cylinder liner and the piston for wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Grease the piston rings, renew if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Check the rubber seal for plunging valve, valve should be smooth-running	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Valve combination				
8	Open maintenance cap (see no. 14) and close stop valve in the pillar; check the sieves in both the pressure reduction - and membrane valves, clear them if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Check all screw connections for leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Check the security valve for leakage and function; therefor close stop valve and pump. The security valve should produce a sucking sound. Clean filter of sintered metal at security valve; therefor open union nut (see no. 13) and take out filter, clean with compressed air or water if necessary, and replace.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Check the pressure reduction valve, adjustment should be 1-1/2 bar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stability				
12	Check the fastening of the pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repair not carried out, it is still possible to play on the equipment		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repair not carried out, equipment is taken out of action		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All work carried out, everything is in order		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance carried out by	
Date	

For spare parts please turn over!

Spare parts for:

Pump for inline connection
to the water mains
Order no. 5.17630

Please note that the safety level must not be compromised. This is why it is advisable to use **original spare parts** for repairs.

Order no.	Item	Order no.	Item
0.97600	 cylinder hot-dip galvanised with brass liner 73 mm	0.97732	 brass liner for plastic piston 73 mm
0.97610	 mounting plate hot-dip galvanised	0.97740	 piston rod galvanised
0.97630	 air dome cap hot-dip galvanised with 2 brass bearings	0.97750	 plunging valve hot-dip galvanised with seal
0.97633	 hexagon socket 3/8 "	0.97760	 rubber seal for plunging valve
0.97634	 inside square head bolt 3/4 "	0.97770	 rubber seal for mounting plate
0.97639	 four-square allen key	0.97780	 rubber seal for air dome cap
0.97640	 fork lever hot-dip galvanised and shaft made of V2A	0.97800	 pillar hot-dip galvanised
0.97642	 shaft made of V2A	0.97810	 VA hook bolt with nut
0.97660	 gland flange countersank for bearing and collar of shaft	0.97860	 spiral hose pipe Ø 40 mm, length as necessary
0.97791	 brass bearing	0.97862	 hose clamp
0.97670	 tensioning pin for forked lever		
0.97710	 pump swipe, cast iron, hot-dip galvanised		
0.97730	 plastic piston made of POM		
0.97729	 piston ring		