

MAGIS

Animal Factory – Maintenance Record Sheet

Dear Customer, please find below the guidelines to help you ensure the proper maintenance and safety of the equipment in your care.

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COCCODRILLO

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GIRAFFA

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DINOSAURO

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GORILLA

The inspection program should have the following schedule:

Type of inspection	Visual (Days)	Operational (Months)	Main (Years)
Frequency	1 to 7	1 to 3 months	1
Personnel required	General personnel	Qualified personnel	Qualified personnel

Checks to be carried out

Type of checks		Visual Inspection	Operational Inspection	Main Inspection
a)	Cleaning			-
b)	Evidence of vandalism			-
c)	Completeness of the equipment (caps, screws, components)	-		
d)	Adequacy of fall spaces	-		
e)	Inspection of impact-absorbing surfaces	-		
f)	Adequacy of free space	-		
g)	Check for entrapment hazards	-		
h)	Stability check	-		
i)	Inspection of components that are subject to wear and tear		Parts subject to foot traffic	Parts subject to foot traffic
j)	Structural integrity	-		
k)	Inspection of foundations	-		
l)	Tightness check of components and fixing	-		

Keep the area cordoned off during inspection and maintenance operations to prevent access by children and unauthorized personnel.

Remove all segregation measures once the checks have been completed.

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Examples of commonly used impact-absorbing materials, their recommended depths, and corresponding critical fall heights – in accordance with the relevant European standards.

Material	Grain size (mm)	Minimum layer thickness (mm)*	Maximum critical fall height
Turf / topsoil			≤ 1000
Bark mulch	20 - 80	200	≤ 2000
		300	≤ 3000
Wood chips	5 - 30	200	≤ 2000
		300	≤ 3000
Sand	0.2 - 2	200	≤ 2000
		300	≤ 3000
Gravel	2 - 8	200	≤ 2000
		300	≤ 3000
Other materials or other thicknesses	According to HIC test		Critical fall height as tested

*For loose particulate material, 100 mm are to be added to the minimum depth to compensate for displacement.

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List of checks performed

Progressive No.	Date of inspection	Type of inspection V= Visual* O=Operational M= Main Annual	Faults detected	Checked by
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*Visual: only record serious non-conformities that require corrective, non-routine maintenance.

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List of maintenance works

Given the nature of the materials used in the equipment, no specific maintenance work is required. However, should maintenance become necessary, please refer to the following schedule.

The following equipment is required for routine maintenance activities:

- Ratchet spanner set with sockets from 10 to 19 mm
- Set of open-ended spanners
- Hammer
- Screwdrivers

Progressive No.	Operation	Procedure	Specific material required
a)	Cleaning	Remove any contaminated debris from the equipment and the free space area. Structures may be cleaned using non-aggressive cleaning agents.	
b)	Bolt tightening	Remove protective caps and tighten all bolts and fasteners. Refit the caps and replace any that are damaged.	
c)	Repair or replacement of damaged or worn parts (1)	Check the wear condition of surfaces subject to foot traffic.	
d)	Repair or replacement of damaged or worn parts (2)	All other components are subject to wear that cannot be replaced with original spare parts.	
e)	Thickness of impact-attenuating surfacing material (1)	Loose surfacing. Restore the correct thickness of loose impact-attenuating surfacing.	Shovel, wheelbarrow, rake.
f)	Thickness of impact-attenuating surfacing material (2)	Synthetic surfaces Periodically check the impact attenuation performance of installed surfaces: (integrity, correct installation, HIC compliance)	
g)	Thickness of impact-attenuating surfacing material (3)	Natural surfaces such as turf or topsoil Periodically check the impact attenuation performance of installed surfaces: (ensure surface integrity and restore soil if excessively compacted)	Shovel, wheelbarrow, rake.

Note: Except for item 1, all other maintenance tasks must be carried out annually, or at shorter intervals in the case of intensive use of the equipment.