

INSPECTION AND MAINTENANCE **SCHEDULE**

For

Arena Sports System

All HAGS equipment should be maintained in accordance with the European Standards recommendations for the routine and operational inspection maintenance of Free Access Multi-sports Equipment: BS EN 15312:2007.

The frequency of inspection will vary with the type of equipment/materials used and other factors eg: heavy use, levels of vandalism, coastal location, air pollution, age of equipment.

If parts are discovered to be unsafe during inspection and cannot be replaced or corrected immediately the equipment (or parts) should be secured against further use (immobilised or removed from site).

Routine Visual Inspection

A routine visual inspection is recommended. This may consist of the following as a minimum. In the case where the equipment is under intensive use or the object of vandalism, a daily check of this kind should be necessary:

- a. Structure not bending, cracking, loosening.
- b. Surface finish. No damaged paint, rusting, other corrosion or deterioration and all surfaces are free from sharp edges.
- c. Foundation not cracked or loose in ground or exposed due to damage or deterioration of the finished surface used.
- d. Surfacing not damaged, puddling, with no contaminates or sharp objects.
- e. Consumable items not missing, bent, broken, loosened, worn.
- f. All bolts are tightened and parts secure so that there is no excessive movement between them.
- g. Ensure self closing gate is operating correctly and with an acceptable closing speed.
- h. Ensure hinge pin on the DICTATOR Tube Gate Closer is lubricated.

INSPECTION SCHEDULE

Operational Inspection (1 to 3 months intervals).

Check List General

Check ✓

- a. Structure Not bending, cracking, loosening.
Note:
Particular attention should be made to the area of the structure just as it enters the ground.
- b. Surface finish. No damaged paint, rusting, other corrosion or deterioration.
Note:
Particular attention should be made to the area of the structure just as it enters the ground.
- c. Foundation not cracked, loose in ground or exposed due to damage or deterioration of the finished surface used.
- d. Surfacing Not damaged, puddling with no contaminates or sharp objects.
- e. That all fixings are tightened and have no protruding sharp edges.
- f. Ensure that the site is clear of all dangerous objects and rubbish.
- g. Welds show no visible cracks or corrosion.
- h. No trip points or obstructions within the playing area.
- i. Ensure that all plastic items including mouldings and plugs are secure and not broken, loose, cracked, burnt, deformed or missing and have no sharp edges.
- j. Ensure self-closing gate is operating correctly and with an acceptable closing speed.
- k. Ensure hinge pin on the DICTATOR Tube Gate Closer is lubricated.

Annual Main Inspection (not exceeding 12 months)

A detailed inspection should be carried out by a specialist engineer and the results of such inspections entered into a permanent record.

MAINTENANCE PROCEDURE

Whilst any maintenance is carried out the equipment must be secured against use and the public warned of any risks associated with the work.

Consumable Components

See installation instructions for Part numbers, part identification and method of assembly.

1. Powder Coated Finish to Steel Components.

(See separate HAGS Refurbishment of Powder Coated Steel Structures on Play/Sports Equipment document).

Periodically our products should be inspected for mechanical damage and we recommend that the powder coated finish to steel components be cleaned with a mild detergent solution and soft cloth. This should generally be carried out at least once a year, unless the provision is within one mile of the sea in which case it should be carried out every three months. Do not use strong solvents or solutions containing chlorinated hydrocarbons, esters, ketones or abrasive cleaners or polish.

Particular attention should be paid to the areas adjacent to stainless steel components where corrosion on bare steel would be accelerated.

Any breaks in the coating surface identified should be made good within 28 days.

Any bare metal should be thoroughly abraded with 600-grade paper to remove any corrosion, then immediately finished following the repair procedure Interpon PZ770 outlined in the refurbishment of powder coated steel structures instruction. (All paints available from Cromadex centres worldwide).

2. Polyethylene Panels.

As required, these may be cleaned with a suitable detergent or graffiti remover.

Should any panels need replacing, please refer to the products Installation Instructions for replacement parts.

After a period of ten years from installation, the UV stabilized high density polyethylene should be regularly checked for any signs of embrittlement and replaced as required.

3. Zaun Entrance Gates self-closing mechanism.

DICTATOR Tube Gate Closer - RTS-e.

For regular maintenance and servicing of this unit refer to the manufacturers own Installation and Maintenance Instructions. Particular attention should be paid to ensuring the necessary lubrication and maintenance for an acceptable closing speed.

Web: www.dictatordirect.com

Instructions for retiring old equipment:

At the end of its working life HAGS equipment may be dismantled and the component parts sorted by material type for re-cycling and or disposal.

Please refer to the HAGS installation instructions for erection sequences, tools required and any Safe Working Practices that may be required.

Once dismantled parts may be sorted by material type:

1. Mild Steel – All powder coated steel parts.
2. Stainless Steel – All bolt fixings.
3. Polyethylene – All graphic panels.
4. Polypropylene – All spacers.

HAGS would urge that wherever possible parts are passed to on to specialist recycling companies.