

ADVANCED DOORS LTD



'VIKING STAR II' ROLLER SHUTTER DOOR

**INDUSTRIAL DOOR OWNERS LOGBOOK
OPERATING & MAINTENANCE INSTRUCTIONS
SERVICE INSTRUCTIONS
MAINTENANCE RECORDS
CERTIFICATION**

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VIKING STAR II ROLLER SHUTER DOOR

1.1 INTRODUCTION

An industrial door is a vital everyday piece of machinery in the operation of almost every industrial building. If a door is not maintained properly it can become extremely dangerous and, if un-useable, can even stop your business operations. To comply with Health & Safety regulations and to keep within our warranty it is imperative that the door be operated and maintained in accordance with these instructions. Should you require any further information or assistance with this logbook, please do not hesitate to contact us.

These operating instructions must be passed to the owner of the door and read and understood by all personnel who will have cause to operate the door.

1.2 DOOR WARRANTY

All equipment manufactured or supplied by the Company is guaranteed against faulty materials and workmanship for a period of 12 months from the date of installation (or delivery in the case of supply only). This warranty is subject to fair wear and tear and having been maintained to our recommendations.

All equipment manufactured in compliance with the following standards...

BS EN 13241-1
BS EN 12424
BS EN 12425
BS EN 12427
BS EN 12453
BS EN 12444
BS EN 12489
BS EN 12445
BS EN 12604
BS EN 12605
BS EN 12635

Each product is CE marked and labelled in accordance with BS EN 13241-1.

Please Note:-

To comply with BSEN 13241-1 and Regulation 5 of the Workplace (Health, Safety and Welfare) Regulations 1992, it is the responsibility of the owner of the door to maintain a fully detailed service and maintenance record and ensure it is serviced in accordance with the our recommendations.

1.3 OPERATING INSTRUCTIONS

“VIKING STAR II” HAND CHAIN OPERATED ROLLER SHUTTER DOOR

Application

These operating instructions apply to a Roller Shutter Door, which is operated via a continuous haul chain. The door is counterbalanced by springs and should only be operated by competent personnel. The door should not be operated under severe windy conditions.

Basic Operation

To open or close the door.

Check the door is not locked in any way and that there are no obstructions that may prevent the door from opening/closing. DO NOT ATTEMPT TO OPERATE THE DOOR UNTIL ALL OBSTRUCTIONS HAVE BEEN REMOVED.

Release the haul chain at the side of the door from its keep. Pull the chain in the required direction, always maintaining a steady speed and control. Never release the chain during operation. Once the door has reached its required position, place the haul chain back in to its keep. The keep is supplied to accept a standard pad-lock so that the haul chain can be locked in place if required.

A safety brake is fitted to the non-gear end of the barrel assembly at high level, which will activate if the downward speed of the door is excessive. If activated, the brake will automatically lock in place and prevent the door from closing. To release the brake, simply re-open the door. Please note that continued activation of the safety brake would substantially reduce its life expectancy.

1.4 CLEANING METHODS

Galvanised Steel

Some door sections are manufactured from galvanized steel, are designed for external applications and require little or no maintenance under normal operating conditions. Any general build up of dust or grime should be removed with a damp cloth using a proprietary soap and water mixture.

Plastisol Faced Steel

Some door sections are manufactured from HP 200 plastisol coated steel, which require little maintenance under normal conditions. Any general build up of dust or grime should be treated as above.

Floor Guide Channels

Floor guide channels should be kept clear of debris build up on a daily basis. Build up may cause the door to jam or not close properly. Simple brushing will suffice.

Winding Gear, Motor Unit, Barrel Assemblies

Winding gear, motor units (electric doors), and barrel assemblies are generally under cover at high level and do not require regular cleaning between planned maintenance periods.

Cleaning Materials, Solvents etc.

Heavy industrial cleaners such as trichloroethylene, paint thinners, formaldehyde petrol, diesel, sodium bicarbonate or “Gunk” should not be used. Nor should sand or shot blasting techniques, nor oxidizing agents. White spirit may be used to remove graffiti but the door should be thoroughly washed and rinsed using a proprietary soap and water mix afterwards.

1.5 SERVICE

It is essential that the door operation remains functioning in accordance with the operating instructions. To ensure this happens a documented maintenance regime shall be established and maintained by the employer in accordance with Regulation 5 of the Workplace (Health, Safety and Welfare) Regulations 1992.

Failure to do so may result in prosecution in the event of an accident.

The company operates a service contract scheme. If you require information on Service Contracts please our after sales department.

Service Frequency

Note: Failure to keep the door regularly maintained could invalidate the warranty.

The following recommendations are for maintenance and repairs to ensure that the door remains in full working order throughout its service life. To ensure safe and reliable operation regular inspection and maintenance is essential. The frequency is dependent on the use.

Door cycles per day (1 cycle = open & close)	Recommended Maintenance period
Up to 15	6 months
Up to 30	4 months
Up to 45	3 months
Over 45	2 months

Prompt service and repairs will avoid unnecessary stress on components, which could lead to premature wear or failure.

Warning – Activities, which interfere with any part of the door that is under tension, must not be undertaken by untrained personnel. Interference with these components can be dangerous and should only be undertaken by trained personnel as part of regular maintenance.

1.6 SAFETY DEVICES

Safety Brake

If a safety brake is provided and has been accidentally activated, simply open the door and the brake will re-set itself. If the brake has been activated to protect the door a full inspection must be carried out by a fully trained door engineer.

1.7 GENERAL SAFETY

The following safety instructions should be adhered to at all times, failure to do so could lead to an accident and injury:-

1. Keep openings clear at all times.
2. Do not operate a damaged door, or one that is difficult to operate. In the event that the door is found to be damaged or difficult to operate, lock the door, remove the key, leave a warning notice on the door and ensure that a qualified person inspects the door.
3. Do not lean ladders against the door, the guides, or the casing.
4. Stand well clear of the opening whilst the door is being operated.
5. Operate the door only by the means provided.
6. Do not remove the casing over the curtain roll and the headgear unless the door is stopped, the chain is secured and locked in position or the power switched off at the isolator on power operated doors.
7. Do not use doors to lift materials or personnel.
8. Do not dash through a closing door. Wait for it to close and then re-open.

1.8 MAINTENANCE BY THE USER

On a daily basis the user should ensure that:

There is no damage to any parts of the door.

Excessive force is not required to operate the door.

Any damage to the door or excessive force needed to operate the door is reported and action taken as necessary to put the door in good working order.

Components of the door and the guides are free from dirt and dust build up likely to affect the operation.

The door operation continues to comply with the safety requirements.

Maintenance – by Specialist Engineer

A specialist service engineer in accordance with the service work instructions and task sheets should carry out the service and maintenance in accordance with the recommended service frequency as stated in section (1.5).

1.9 SERVICE CHECK SHEET

Note: - Before operating the door, carefully inspect both internal and external sides of the door for obvious signs of wear or damage. If badly damaged, do not operate the door.

Door Curtain

- Check general condition of door curtain.
- Check laths for signs of wear or damage.
- Check that endlocks fixed to the ends of laths are secure.
- Check wind anchors are secure (if installed).
- Check curtain is securely fixed to barrel assembly.
- Check bottom rail section for wear or damage.
- Check seal on bottom rail section.
- Check the operation of any locking devices fitted.

Side Guides

- Check all fixings are secure.
- Check condition of guide channel and straighten any slight deformations.
- Grease guide channel if necessary.
- Check guide stops at high level.
- Check any chain keeps fitted.
- Check that the door curtain feeds into the guides smoothly and correctly.

End Plates and Barrel Assembly at High Level

- Check fixings are secure.
- Check and lubricate all gearing.
- Check all grub screws and keys.
- Check and lubricate drive chain if fitted.
- Check haul chain.
- Check barrel for correct tension. Re-tension barrel assembly if required to correctly balance the door curtain.
- Check condition of safety brake if fitted.
- Check that coil casing is securely fixed (if installed).

The springing in the barrel assembly is designed for approximately 20,000 cycles. At this point the barrel assembly should be replaced.

Service Label

- Complete the service label adhered to the door and logbook if available.

1.10 MAINTENANCE / REPAIRS LOG

Date:	Work Carried Out:
Engineers Name:	
Date:	Work Carried Out:
Engineers Name:	
Date:	Work Carried Out:
Engineers Name:	
Date:	Work Carried Out:
Engineers Name:	
Date:	Work Carried Out:
Engineers Name:	
Date:	Work Carried Out:
Engineers Name:	
Date:	Work Carried Out:
Engineers Name:	
Date:	Work Carried Out:
Engineers Name:	

1.12 CERTIFICATION**EC DECLARATION OF CONFORMITY**

Product:- Roller Shutter Door
Manufacturer:- Advanced Doors Limited
Park Mill Way
Clayton West
Huddersfield
West Yorkshire
HD8 9XJ

The above product is in conformity with the essential Health & Safety requirements of the Products Standard BS EN 13241-1 and the following transposed harmonised standards...

BS EN 292: parts 1 & 2: 1991
BS EN 294: 1992
BS EN 60204: part 1: 1997
BS EN 418: 1992
BS EN 12453: 2001
BS EN 12604: 2004
BS EN 12445: 2001
BS EN 12635: 2002
BS EN 12424: 2000
BS EN 12425: 2000
BS EN 12426: 2000
BS EN 12427: 2000
BS EN 12444: 2001
BS EN 12428: 2000
BS EN 12489: 2000

All relevant certificates and test reports are included in the technical construction file.

Signature:-



Name:-

P A Whyatt
Managing Director

EC DECLARATION OF INCORPORATION

Product:- Power Operated Roller Shutter Door

Manufacturer:- Advanced Doors Limited
Park Mill Way
Clayton West
Huddersfield
West Yorkshire
HD8 9XJ

The above product is in conformity with the essential Health & Safety requirements of the Product Standard BSEN 13241-1 and the following transposed harmonised standards.

BSEN 292: parts 1 & 2:1991
BSEN 294:1992
BSEN 60204: part 1: 1997
BSEN 418: 1992
BSEN 12453:2001
BSEN 12604:2004
BSEN 12445:2001
BSEN 12635:2002
BSEN 12424:2000
BSEN 12425:2000
BSEN 12426:2000
BSEN 12427:2000
BSEN 12444:2001
BSEN 12428:2000
BSEN 12489:2000

The product to which this Declaration of Incorporation relates must not be put into service until the relevant machinery into which it is to be incorporated has been declared in conformity with the Products Standard BSEN 13241-1.

Signature:-



Name:-

P A Whyatt
Managing Director

