

**GLIDEROL GARAGE &
INDUSTRIAL DOORS**



O & M MANUAL

OPERATING & MAINTENANCE INSTRUCTIONS

SERVICE INSTRUCTIONS

MAINTENANCE RECORDS

www.garagedoorsonline.co.uk
01926 463888

GLIDEROL GARAGE & INDUSTRIAL DOORS



INTRODUCTION

An industrial door is 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 unusable, 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.
They should be read and understood by all personnel who will be
Operating the door.**

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WARRANTY

Please refer to our standard warranty terms and conditions found on our website at www.gliderol.co.uk.

OPERATING INSTRUCTIONS MANUALLY OPERATED SINGLE SKIN ROLLER DOOR/INSULATED

These operating instructions apply to a roller shutter door which is push up, hand operated or self-coiling. The door is counterbalanced by springs and should only be operated by competent personnel.

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.

The door shall be manually opened or closed either by lifting the handles on the bottom rail / Lock Handle of the door from opened or closed. The door must be kept under control at all times and should not be allowed to free travel. A safety brake is fitted to one end of the barrel assembly at high level, which will activate if the down-ward 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 reopen the door. Please note that continued activations of the safety brake would substantially reduce its life expectancy.

A locking device is usually supplied with the door, either near the bottom of the shutter (Insulated) or near wall light (Single Skin Roller)

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OPERATING INSTRUCTIONS HAND CHAIN OPERATED SINGLE SKIN ROLLER SHUTTER/INSULATED

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 into its keep.

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 reopen the door. Please note that continued activation of the safety brake would substantially reduce its life expectancy.

Single Skin Roller Doors are a torsion spring assembly, so in the event of a spring failure the door will still balance the weights of the curtain and not drop to the ground.

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OPERATING INSTRUCTIONS ELECTRICALLY OPERATED SINGLE SKIN ROLLER SYSTEM

These operating instructions apply to a Roller Shutter Door, which is operated via a Electrical operator. The door is supplied with a Safe Drive operator, which incorporates an internal safety brake. The door should only be operated by trained personnel and should not be used in severe windy conditions.

Basic Operation

To Open the Door

Check the door is not locked in any way and that there are no obstructions that may prevent the door from opening.

DO NOT ATTEMPT TO OPERATE THE DOOR UNTIL ALL OBSTRUCTIONS HAVE BEEN REMOVED.

Apply continued pressure to the "UP" button, positioned at the side of the door and the door will travel vertically until it reaches its upper limit switch. At this point the control circuit will open and the brake will engage to stop the door at its fully open position. If at any point the button is pressed, the door will stop at its current position. To restart the open operation, simply press the "UP" button again. If an additional means of safety is supplied with the door, such as a photoelectric safety beam, then continued pressure would not be required on the button. If at any time you need to stop the door, simply press the red emergency "STOP" button. If a key switch is supplied in lieu of push buttons, enter key into cylinder and turn towards "UP" to activate the door. The key switch will require continued pressure, as it is spring loaded to its "OFF" position.

To Close the Door

Check the door is not locked in any way and that there are no obstructions that may prevent the door from closing. Check that the area is clear of all personnel.

DO NOT ATTEMPT TO OPERATE THE DOOR UNTIL ALL OBSTRUCTIONS HAVE BEEN REMOVED.

Apply continued pressure to the "DOWN" button, positioned at the side of the door and the door will travel vertically until it reaches its lower limit switch. At this point the control circuit will open and the brake will engage to stop the door at its fully closed position. If at any point the button is released, the door will stop at its current position. To restart the close operation, simply press the "DOWN" button again. If an additional means of safety is supplied with the door, such as a safety edge or photoelectric safety beam, then continued pressure will not be required on the button. If at any time you need to stop the door, simply press the red emergency "STOP" button. If a key switch is supplied in lieu of push buttons, enter key into cylinder and turn towards "DOWN" to activate the door. The key switch will require continued pressure, as it is spring loaded to its "OFF" position.

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OPERATING INSTRUCTIONS ELECTRICALLY OPERATED SINGLE SKIN ROLLER SHUTTER/INSULATED

Application

These operating instructions apply to a Roller Shutter Door, which is operated via a tubular motor drive mounted within the barrel assembly.

Basic Operation

To Open the Door

Check the door is not locked in any way and that there are no obstructions that may prevent the door from opening.

DO NOT ATTEMPT TO OPERATE THE DOOR UNTIL ALL OBSTRUCTIONS HAVE BEEN REMOVED.

To operate the door from the control box or handset press the "UP" button, positioned at the side of the door and the door will travel vertically until it reaches its upper limit switch. At this point the control circuit will open and the brake will engage to stop the door at its fully open position. If at any point the stop button is released, or the handset button is pressed, the door will stop.

Emergency Manual Override Operation

In the event of a power failure for garages with a personnel door, the motor in the curtain drum has a red lever (refer to control box instructions). Pull down on the lever and as the door is spring loaded the lever disengages the motor drive. This allows the door to be operated manually

Doors with no other access

All doors with no other access should be fitted with an external manual release. This is a black cylinder at the pillar or side wall of the garage, once located insert the key into the barrel and turn it clockwise, this will make the barrel pull loose.

Pull the cord attached to the back of the key barrel, this will release the red pin handle and convert the door to manual mode. Lift the door to the open position and pull the cord back through the cylinder and turn the key back anti clockwise to lock the barrel back into the cylinder. Once power is restored move the red pin handle to the vertical position and move the door manually and the red pin will re-engage with the motor drive.

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To close the Door.

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

Apply continued pressure to the "DOWN" button, positioned at the side of the door and the door will travel vertically until it reaches its lower limit switch. At this point the control circuit will open and the brake will engage to stop the door at its fully closed position. If at any point the button is released, the door will stop at its current position. To restart the close operation, simply press the "DOWN" button again. If an additional means of safety is supplied with the door, such as a safety edge or photoelectric safety beam, then continued pressure will not be required on the button. If at any time you need to stop the door, simply press the red emergency "STOP" button. If a key switch is supplied in lieu of push buttons, enter key into cylinder and turn towards "DOWN" to activate the door. The key switch will require continued pressure, as it is spring loaded to its "OFF" position.

A Safety brake is fitted to the non-motor end of the barrel assembly at high level. This is to prevent uncontrolled dropping of the door curtain. If a problem occurs that would cause the safety brake to engage, the door will be locked in its position and the electrics to the motor will be open circuited. To release the brake, simply reopen the door. Please note that continued activation of the safety brake would substantially reduce its life expectancy.

Emergency Manual Override Operation (if installed)

BEFORE USING THE MANUAL SYSTEM, SWITCH OFF THE POWER AT THE ISOLATOR AND REMOVE THE KEY FROM THE STARTER UNIT.

In the event of a power failure, the door is supplied with a manual over ride system. This is via a hand crank and should only be used in emergencies. PLEASE NOTE that the emergency manual over ride system is not designed for everyday use and that excessive use will cause premature failure.

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OPERATING INSTRUCTIONS PUSH UP OPERATED INSULATED SECTIONAL OVERHEAD DOOR

Application

These operating instructions apply to a Sectional Overhead Door, which is push-up or hand operated. The door is counterbalanced by springs and should only be operated by competent personnel.

Basic Operation

The door shall be manually opened or closed by the handle in the bottom panel of the door and/or by the pull down cord supplied, as the height dictates.

THE DOOR MUST BE KEPT UNDER CONTROL AT ALL TIMES AND SHOULD NOT BE ALLOWED TO FREE TRAVEL.

A locking device is usually supplied with the door which will be placed on the third panel from floor level. Locating the bolt into the hole provided in the sidetrack activates the shoot bolt lock. The lock is designed to accept a standard pad lock if required. The bolt is spring loaded, and to unlock, simply retract the bolt. Please note that it is important to ensure the bolt is fully retracted prior to operating the door.

To Open the Door

Carefully lift the door via the handle to a comfortable position at head height. The door can then be pushed to its fully open position whilst being controlled via the pull down cord. Spring buffers at the end of each door track will stop the door at its fully opened position and will prevent the door from opening too far.

To Close the Door

Pull the door down via the pull down cord to a comfortable position at head height. Then fully close the door via the handle. You may need foot pressure on the handle to obtain a good seal with the floor and to locate the shoot bolt lock.
Safety Devices.

**OPERATING INSTRUCTIONS
ELECTRICALLY OPERATED INSULATED SECTIONAL OVERHEAD DOOR**

Application

These operating Instructions apply to a Sectional Overhead Door, which is electrically operated. The door is counterbalanced by springs and should only be operated by trained personnel.

Basic operation

A locking device is not usually supplied with the door as the motor drive system prevents the spring assistance of the door. If supplied, the lock will be placed on the third panel from floor level and will be fitted with an electrical interlock switch that will prevent the door from being operated whilst locked. Locating the bolt into the hole provided in the sidetrack activates the shoot bolt lock. The lock is designed to accept a standard pad lock if required. The bolt is spring loaded, and to unlock, simply retract the bolt. Please note that it is important to ensure the bolt is fully retracted prior to operating the door.

To Open the Door

Press the desired button on the remote control or wall mounted switch (if applicable). The door will travel to the top of its preset limit (open position) as set up during installation.

To Close the Door

Press the desired button on the remote control or wall mounted switch (if applicable). The door will travel to the bottom of its preset limit (open position) as set up during installation.

Partially Opening/Closing The Door

If you wish to partially open the door press the desired button to open/close the door and when the door reaches the desired destination, press the handset button. During the opening operation the door will stop. If the door is given a command during the closing cycle

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Obstruction Detection

If the door is in the closing cycle and there is an obstruction in the path of the door, the door will make contact with the obstruction, then automatically reverse, then stop.

Manual override in the event of power failure

The manual release is located in the top panel of the sectional door. This is a key barrel, at the back of the key barrel; you will see a steel cord attached to the slider of the track of the operator. To release the operator, insert the key into the barrel and turn anti clockwise, the barrel will then pull free of the housing inside the top panel, when the cable is pulled tight, give the cable a vigorous pull which will disengage the motor.

Reinstating Automatic Operation

Move the manual/automatic switch (attached to pull cord) and move the door manually to reengage into the drive belt, then proceed to operate the door as normal from the remote control.

..If at any time you need to stop the door, simply press the red emergency "STOP" button. If a key switch is supplied in lieu of push buttons, enter key into cylinder and turn towards "DOWN" to activate the door. The key switch will required continued pressure, as it is spring loaded to its "OFF" position.

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OPERATING INSTRUCTIONS ELECTRICALLY OPERATED GARAGE DOOR

Application

These operating instructions apply to a Sectional Overhead & Roller Shutter Garage Doors, which are electrically operated and Radio Controlled. The doors should only be operated by trained users.

Basic Operation

A locking device is not usually supplied with the door as the motor drive system prevents the spring assistance of the door. If supplied, the lock will be placed on the second panel from floor level and will be fitted with an electrical interlock switch that will prevent the door from being operated whilst locked. Locating the bolt into the hole provided in the sidetrack activates the shoot bolt lock. The bolt is spring loaded, and to unlock, simply retract the bolt. Please note that it is important to ensure the bolt is fully retracted prior to operating the door.

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.

**DO NOT ATTEMPT TO OPERATE THE DOOR UNTIL ALL OBSTRUCTIONS
HAVE BEEN REMOVED.**

Apply pressure to the button on the hand transmitter, or the push button located adjacent to the door and the door will travel vertically until it reaches its upper limit switch. At this point the motor brake will engage and stop the door at its preset limit position. If at any time you need to stop the door, simply press the button on the hand transmitter, or the push button. If pressed a third time, the door will start to close. The motor operator is supplied with an integral pressure sensitive device that will stop the door and reverse its travel if it meets with an obstruction during operation.

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CLEANING METHODS

Galvanized Steel

Some Doors are manufactured from galvanized steel are designed for external applications and require little or no maintenance under normal operating conditions. Any general buildup 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 grim should be treated as above.

Guide Channels

Guide channels should be kept clear of debris build up on a regular 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.

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SERVICE AND SAFETY

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.

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 5	2 Years
Up to 15	6 Months
Up to 30	4 Months
Up to 45	3 Months
Up to 60	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.

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Maintenance by the user

On a daily basis the user should ensure that:

- There is not 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

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SERVICE AND SAFETY

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 above.

Safety Devices

Safety Brake

Roller Shutter doors may be fitted with a safety brake as an anti-fallback device. The brake is normally installed at the opposite end to the drive system on the endplate at high level. The brake works centrifugally and will stop the shutter completely if the door curtain travels too quickly in the downward mode. Once activated, a qualified engineer will be required to reset the brake.

Safe Drive Operator

Roller shutter doors are fitted with a safe drive motor operator . This type of door does not have counterbalance springs fitted and therefore the safe drive unit is designed to take the full weight of the shutter curtain. The safe drive unit has a built in safety brake which will activate if there is a failure in the motor drive. Once activated the safe drive operator will stop the shutter completely and would have to be replaced by a qualified engineer.

Safety Edge

An opto-electronic safety edge will be fitted to a door if any level of automation is required. The safety edge is connected to a control panel and will be self monitoring. If any problem occurs with the safety edge, it will fail-safe and the door will only be able to be operated via continual pressure on the control buttons. The safety edge protects the leading edge of the door and if it comes into contact with an obstruction the door will stop automatically and reopen to its fully open position.

Safety Beam

A photoelectric safety beam may be fitted to the door to work in conjunction with a safety edge. If the beam is broken, the door will not close. If the beam is broken during closing, the door will stop and reopen to its fully open position. Please note that if the beam is out of alignment, the door will not operate.

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Spring Breakage

Sectional doors may be fitted with spring breakage devices. If so they will be an integral part of the counterbalance springs at high level. They are designed to lock the spring shaft in the event of spring failure. This will prevent the door from dropping in the event of spring failure. These devices should never be tampered with in any way and if activated, should only be replaced by qualified engineers.

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SERVICE AND SAFETY

Cable Breakage

Sectional doors will be fitted with Cable Breakage devices. These devices are an integral part of the bottom lifting brackets at each bottom corner of the bottom panel. These are designed to completely stop the door in the event of cable failure. These devices should never be tampered with in any way and if activated, should only be replaced by qualified engineers. Please note that poor maintenance may cause inadvertent operation of these safety devices.

General Safety

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

- **Keep openings clear at all times.**
- **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**
- **Do not lean ladders against the door, the guides, or the casing.**
- **Stand well clear of the opening whilst the door is being operated.**
- **Operate the door only by the means provided.**
- **Do not remove the casing over the curtain roll and headgear unless the door is stopped, the chain is secured and locked in position or the power is switched off at the isolator on power operated doors.**
- **Do not use doors to lift materials or personnel.**
- **Do not dash through a closing door. Wait for it to close then reopen.**

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SERVICE CHECK SHEETS

SERVICE CHECK SHEET FOR FIRE STOPPER FIRE SHUTTERS

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 curtain is securely fixed to barrel assembly .
- Check bottom rail section for wear or damage.

Side Guide

- DO NOT GREASE THE SIDE GUIDES
- Check all fixings are secure and that fusible washers are in tact.
- Check condition of guide channel and straighten any slight deformations.
- Check guide stops at high level.
- Check any chain keeps fitted.
- Check that the door curtain feeds into the guides smoothly and correctly.
- Check dropper bar guides (if installed).
- Check dropper bar system works correctly (if installed).

End Plates & 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.
- On "Firestopper" push up doors, check barrel for correct tension. Re-tension barrel assembly if required to correctly balance the door curtain.
- Check that the controlled descent operator is securely fixed.
- Check condition of safety brake if fitted.
- Check the coil casing and supports are securely fixed.

Simulate Fire Test

- Check condition of any fusible link or solenoid.
- Test the self-closing of the door by simulating fire conditions on 3 separate occasions.
- Test operation of any battery back up device and warning systems.
- Reset door after test is complete.

Electrical Drive System

- Check motor drive is securely fixed.
- Check the drive gearing and lubricate.
- Check operation of manual override system.
- Check electrical interlock of manual override-system.
- Check door travel limits and adjust if required.
- Check correct operation of control buttons (if installed).
- Check correct operation of safety edge (if installed).
- Check correct operation of safety beams (if installed).
- Check all other control systems (if installed).
- The controlled descent operator is not deigned to operate the door on a regular basis and should only be used sparingly

Service Label

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

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GLIDEROL GARAGE & INDUSTRIAL DOORS



SERVICE CHECK SHEETS

SERVICE CHECK SHEET FOR INSULATED SECTIONAL OVERHEAD DOORS

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

Horizontal and Vertical Tracks

- Check all fixings & tighten or replace if necessary.
- Check vertical alignment.
- Check horizontal alignment.
- Check wear on track.
- Check alignment of track buffer springs.

Spring Assembly & Cable Drums

- Check all bearings & bearing brackets.
- Check fixings in bearing brackets & tighten or replace if necessary.
- Check spring shaft coupling, adjust & tighten if necessary.
- Check condition of cable drums.
- Check that cable drums are aligned correctly and that they are secured to the spring shaft.
- Check all keys & keyways on shaft.
- Check spring breakage devices (if installed).
- Check haul chain assembly (if installed).
- Visual check of counterbalance springs & lubricate if necessary.

If the door is used and maintained correctly, the springing systems is designed to operate for at least 15,000 cycles. At this point the springing mechanism should be replaced

Door Lift Cables

- Check cables for signs of fraying.
- Check cables are correctly secured to bottom fixing pin.
- Check cables are correctly secured to cable drums.
- Check cables any anti-cable slack devices.

The door lifting cables should be replaced every 10,000 cycles or immediately if any signs of fraying or kinking

Door Panels and Fittings

- Check general condition of panels (externally & internally).
- Check condition of all guide rollers.
- Check all hinges and hinge pins.
- Check alignment of adjustable side hinges and adjust if necessary.
- Check that all panel fittings are securely fixed.
- Check operation of lock (if installed).
- Check operation of integral pass door (if fitted).
- Check all vision panels for damage (if fitted).
- Check condition of bottom seal.
- Check condition of top seal.
- Check condition of both side seals.
- Check condition of cable breakage devices if fitted.

Electrical Drive System

- Check motor drive is securely fixed.
- Check the drive gearing and lubricate.
- Check operation of manual override system.
- Check electrical interlock of manual override system.
- Check door travel limits and adjust if required.
- Check correct operation of control buttons.
- Check correct operation of safety edge (if installed).
- Check correct operation of safety beams (if installed).
- Check all other control systems (if installed).

Service Label

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

The controlled descent operator is not designed to operate the door on a regular basis and should only be used sparingly

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SERVICE CHECK SHEETS

SERVICE CHECK SHEET FOR ROLLER SHUTTER DOORS

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 & 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 the 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.

Electrical Drive System

- Check motor drive is securely fixed.
- Check the drive gearing and lubricate.
- Check operation of manual override system.
- Check electrical interlock of manual override system.
- Check door travel limits and adjust if required.
- Check correct operations of control buttons.
- Check correct operation of safety edge (if installed).
- Check correct operation of safety beams (if installed).
- Check all other control systems (if installed).
- If the door is correctly used and maintained, the motor drive system is designed to operate for at least 20,000 cycles. At this point consideration should be given to replace the motor drive

Service Label

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

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MAINTENANCE / REPAIR LOG

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

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