



INDUSTRIAL SECURITY DOORS LTD  
MAINTENACE PROCEDURE GUIDELINES  
FIRE RESISTANT ROLLING SHUTTERS

1.0 THE CONTRACT

The contract includes for oiling and greasing all working parts, adjusting all clearances as necessary, cleaning out all bottom tracks and all minor adjustments and repairs which can be dealt with other than by dismantling the shutter or any part thereof.

2.0 ENDPLATES AND BARREL

- 2.1 Check for damage to endplates, barrel, casing and barrel support brackets (casing supports).
- 2.2 Check that endplates, casing and barrel support brackets are securely fixed to the supporting structure.
- 2.3 Check barrel cups are properly secured to the endplates and the barrel spring tension is correct (where fitted).
- 2.4 Check gear/chain drives for wear and alignment (where fitted).

3.0 GUIDE SECTIONS

- 3.1 Check for damage and that they are securely fixed to the supporting structure.
- 3.2 Check for alignment.
- 3.3 Check for correct running tolerances.
- 3.4 Check lock shoot bolts (where fitted).

4.0 SHUTTER CURTAIN

- 4.1 Check laths for any damage.
- 4.2 Check for lateral movement in laths.
- 4.3 Check endlocks are secure.
- 4.4 Check that the top lath is properly secured to the barrel.
- 4.5 Check bottom rail fixings are secure.

5.0 HAND WHEEL OPERATION (if applicable)

- 5.1 Check that when hand wheel is fitted it can be operated without obstruction.
- 5.2 Check that hand wheel drive mechanism is secure.



INDUSTRIAL SECURITY DOORS LTD  
MAINTENACE PROCEDURE GUIDELINES  
FIRE RESISTANT ROLLING SHUTTERS

6.0 LUBRICATION

- 6.1 All moving parts to be lubricated using approved lubricants. Note, no grease to be applied to the side guides.
- 6.2 Clean off any excess lubricants from shutter.

7.0 MOTOR OR HAND CHAIN OPERATION

- 7.1 Check motor of hand chain and gearbox are securely fitted.
- 7.2 Check and adjust motor brake if required.
- 7.3 Check and adjust limit switch setting for both up and down travel.
- 7.4 Check the limit chain for both alignment and tightness.
- 7.5 Check and adjust main drive chain for alignment as required.
- 7.6 Check the gearbox lubricant oil level where necessary.
- 7.7 Check shutter opens and closes correctly under normal operation.

8.0 CONTROLL PANEL

The control panel should require no actual maintenance. However and internal visual check will be made for dirt, loose parts, and any sign of burning. Ensure that the overloads are set correctly.

9.0 BATTERIES

Batteries should be maintained in accordance with the original suppliers' instructions.

10.0 OPENING

Any damage to the wall around the opening or obstruction to operation of shutter shall be noted and brought to the attention of the client.