



## ***Gate Automation Systems (Irl)***

### **Sample Preventative Maintenance Contract for Barrier**

1. Engineer to attend site twice per annum and carry out full inspection of barrier operation and mechanism.
2. Check the spring assembly. In the case of faulty springs, springs must be replaced at once.
3. Check the spring tension.
4. Check everything (barrier, leafs, pedestals, etc.) for mechanical damage and replace where necessary.
5. Check that the boom reaches the horizontal and vertical positions. If necessary, re-adjust the limit switches and the mechanical stoppers.
6. Ensure that the potential earthing cable is still connected to the housing and to the door.
7. Check the operating instructions are complete.
8. Check that all safety equipment works correctly (loops, photo-cells, and the reversal on obstruction).
9. Check that the barrier is still secure on the foundation.
10. Using a grease gun, grease the bearings on the main shaft (grease must be suitable for  $-25^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$ ).
11. Oil the emergency release bolt and check function.
12. Check that the pre-determined breaking point has the correct nuts and bolts (use vandalism set only).
13. Tighten screws where necessary.
14. Check all fixings.
15. Issue full report on findings
16. Any minor repairs to be undertaken at time of visit
17. Any other repairs / parts to be quoted to client prior to work being carried out