

## 2. Sliding Door Operator – Service Checklist

EN 16005 – Power Operated Pedestrian Doorsets

### General Inspection

- ☐ Sliding leaves securely fixed and aligned
- ☐ Track and rollers free from debris, wear or damage
- ☐ Operator cover intact and securely fixed
- ☐ All visible fixings checked and tightened
- ☐ Manual release mechanism tested

### Operator & Drive System

- ☐ Drive belt/timing belt inspected for wear and correct tension
- ☐ Rollers, guides, and hangers checked for wear and alignment
- ☐ Motor and gearbox inspected (noise/vibration test)
- ☐ Control unit connections and wiring visually checked
- ☐ Power supply voltage confirmed

### Safety Systems – Mandatory under EN 16005

- ☐ Presence and motion detectors tested for full coverage
- ☐ Safety sensors correctly detect users in approach zone
- ☐ Reopening function triggered by obstruction
- ☐ Force limitation verified in closing cycle
- ☐ Door reverses or stops when resistance is detected
- ☐ Safety signage clearly visible and undamaged

### Activation System

- ☐ Activation sensors (radar, push pad, etc.) tested and adjusted
- ☐ Door opens and closes smoothly without delay
- ☐ Opening and closing speeds within EN 16005 limits
- ☐ Hold-open and closing delay times checked

### **Functional Test**

- ☐ Test door cycle 5x using standard activation
- ☐ Test emergency opening/closing functionality
- ☐ Simulate obstruction and confirm safety reaction
- ☐ Noise level and movement consistency checked
- ☐ Check functionality during power failure (UPS or battery if fitted)

### **Final Checks & Documentation**

- ☐ Service log completed and signed
- ☐ Any faults or worn components documented
- ☐ Risk assessment reviewed (if operational use has changed)
- ☐ End-user updated and maintenance schedule confirmed
- ☐ EN 16005 compliance confirmed