

### 3. Swing Arm Operator – Service Checklist

EN 16005 – Power Operated Pedestrian Doorsets

#### General Inspection

- ☐ Door leaf securely fixed and correctly aligned
- ☐ Operator housing intact and free from obstruction/damage
- ☐ All visible fixings checked and tightened
- ☐ Manual override and emergency release tested

#### Operator & Control System

- ☐ Operator cover removed, visual inspection of internal components
- ☐ Swing arm, pivot points and linkages checked for wear/play
- ☐ Mounting brackets checked for stability
- ☐ Wiring and connections inspected for signs of wear/damage
- ☐ Drive motor and gearbox operation checked (noise/vibration)
- ☐ Power supply voltage verified
- ☐ Control panel indicators checked – no faults or error codes

#### Safety Systems – Mandatory under EN 16005

- ☐ Presence sensors tested for coverage and reliability
- ☐ Safety sensors detect users in full approach/threshold zone
- ☐ Door stops on obstruction (force limitation confirmed)
- ☐ Reversal function tested during both opening and closing
- ☐ Safety edges (if fitted) tested for correct activation
- ☐ Safety signage present and visible

#### Activation System

- ☐ Push pads / touchless sensors / radar activation tested
- ☐ Opening and closing speed checked (within safe force/speed limits)
- ☐ Delays, hold-open time, and closing time checked and adjusted
- ☐ Activation fields do not conflict with safety zones

### Functional Test

- ☐ Full door cycle tested 5x with activation sensor
- ☐ Full door cycle tested 5x with manual activation (push pad)
- ☐ Door opens smoothly, holds, and closes with no hesitation or judder
- ☐ No excessive noise or resistance noted during movement
- ☐ Self-closing and fail-safe function tested during power cut simulation

### Final Checks & Documentation

- ☐ Service log completed and signed
- ☐ Any defective parts noted and actioned
- ☐ Risk assessment reviewed (if site usage has changed)
- ☐ End-user advised of findings and maintenance due date
- ☐ EN 16005 compliance confirmed