

Site Readiness Checklist – MC-125 Door Operator

Installation Date				Serial Number	
Site / Project				Door ID / Location	
Door Type			Single / Double	Door Leaf Count	
Client / End User				Main Contractor	
Installer				Checklist Date	
Warranty Start Date				Warranty End Date	
Maintenance Contact (Name / Company)		Maintenance Contact (Phone / Email)			
Contact (Name / Phone)					

1. Documentation & Approvals

Requirement	Status	Comments / Actions
Approved door/operator specification confirmed (manufacturer: MC Automations ; model: MC-125) and scope agreed (automation only / full door package / controls integration).	[C/NC/NA]	
Latest drawings available on site (GA, elevations/sections, mounting details, wiring schematics, I/O list if BMS/PLC integration).	[C/NC/NA]	
Risk assessment and method statement (RAMS) approved; permit-to-work requirements confirmed.	[C/NC/NA]	
Power isolation/lockout procedure agreed; authorized persons identified.	[C/NC/NA]	
Site induction completed/available for installation team.	[C/NC/NA]	[Insert]

Section 1 Notes		
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2. Civil / Structural Readiness

Requirement	Status	Comments / Actions
Door opening dimensions verified against drawings (clear opening, headroom, side room) and are within tolerance.	[C/NC/NA]	
Mounting surfaces for operator/guide rails are sound, level, and capable of supporting loads; suitable fixing method defined (anchors/chemical bolts/steelwork).	[C/NC/NA]	
Steelwork or supports (if required) installed and signed off before operator installation.	[C/NC/NA]	
Lintel/structure free from cracks/spalling; no obstructions in operator mounting zone.	[C/NC/NA]	
Floor condition acceptable (level where required; no trip hazards) and door travel path is clear.	[C/NC/NA]	
Section 2 Notes		

3. Electrical & Controls Readiness

Requirement	Status	Comments / Actions
Power supply available at the door location per MC-125 requirements: AC 110–220V, 50Hz , with dedicated circuit protection.	[C/NC/NA]	
Operator/motor specification confirmed for installation: DC 24V brushless motor; power rating 0–70W . Verify controller settings and cable sizing/termination meet manufacturer requirements.	[C/NC/NA]	
Emergency battery / backup battery (if specified): module supplied and installed in approved location; charging connection confirmed; wiring/termination complete; autonomy expectation agreed (number of cycles/time) and labelled.	[C/NC/NA]	

Local isolator installed within sight of the operator, correctly labelled, and accessible (lockable where required).	[C/NC/NA]	
Earth/ground continuity confirmed; bonding requirements understood for door/metalwork.	[C/NC/NA]	
Cable containment complete (tray/conduit/trunking), including routes for power, control, and safety devices; segregation maintained where required.	[C/NC/NA]	
Control interfaces agreed (push buttons, key switch, remote receiver, BMS/PLC signals). I/O list, volt-free contacts, and addressing confirmed.	[C/NC/NA]	
Safety devices and sensors confirmed and detailed (qty/type). Identify what is installed as Standard vs Optional , and record for each device: location (inside/outside), mounting height, detection direction, and wiring/termination. Confirm the two standard sensors (motion + safety/motion) are included, and list any optional/site-specific devices (photo beams, light curtain, safety edge, E-stop , warning light/sounder, key switch , access-control/BMS interlocks).	[C/NC/NA]	
Section 3 Notes		

4. Mechanical Installation Readiness

Requirement	Status	Comments / Actions
Door leaf configuration and weight verified against MC-125 limits: ≤1×150kg / ≤2×125kg .	[C/NC/NA]	
Door type confirmed: Single or Double sliding door. Operator configuration, track length, and accessories match the selected door type (1-leaf vs 2-leaf).	[C/NC/NA]	
Door is installed and mechanically complete (curtain/panels, guides, barrel/springs where applicable), plumb and square, and operates smoothly by hand (where applicable).	[C/NC/NA]	
Operator mounting position confirmed (side/top) with adequate clearances for servicing and cover removal.	[C/NC/NA]	

All mechanical fixings, brackets, keys/couplings, and guards available on site; lifting/handling plan in place for heavy components.	[C/NC/NA]	
Manual release/chain hoist (if fitted) accessible and safe to use.	[C/NC/NA]	
Section 4 Notes		

5. Safety, Compliance & Signage

Requirement	Status	Comments / Actions
Work area barricaded and signage in place; pedestrian/vehicle separation managed.	[C/NC/NA]	
Safe access equipment available (scaffold/MEWP/ladders) and certified where required.	[C/NC/NA]	
Emergency stop locations agreed and unobstructed; safety devices positioned to protect all risk zones.	[C/NC/NA]	
Guarding/protection in place for moving parts (drive, sprockets, chains, pinch points) per applicable standards and site rules.	[C/NC/NA]	
Safety sensor coverage verified: approach side activation, threshold/closing-edge protection, and any required presence detection (no unprotected risk zones).	[C/NC/NA]	
Safety device functional tests witnessed and recorded (activation, presence/safety, beams/curtain, E-stop). Door responds correctly (stop/reopen as applicable) and resets only per procedure.	[C/NC/NA]	
Automatic door warning indications provided where required (e.g., warning lamp/buzzer, "Automatic Door" signage, emergency release/egress instructions) and are clearly visible.	[C/NC/NA]	
Warning labels and operating instructions available for installation after commissioning.	[C/NC/NA]	
Section 5 Notes		

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6. Access, Logistics & Environmental Conditions

Requirement	Status	Comments / Actions
Delivery route confirmed (gate access, offloading area, floor loading limits); materials can be moved to the door location.	[C/NC/NA]	
Storage area available, dry, secure, and protected from dust/water/chemicals.	[C/NC/NA]	
Working area has adequate lighting and ventilation; environmental conditions suitable (no excessive moisture, corrosive atmosphere, or washdown exposure unless specified).	[C/NC/NA]	
Other trades coordinated—no conflicting work preventing safe installation, wiring, and testing.	[C/NC/NA]	
Section 6 Notes		

7. Testing & Commissioning Prerequisites

Requirement	Status	Comments / Actions
All mechanical and electrical installation checks completed; fasteners torqued/secured; covers/guards fitted where safe to do so.	[C/NC/NA]	
Door travel limits, direction of travel, and handing verified prior to first powered run.	[C/NC/NA]	
Safety circuits tested (photo eyes/light curtain, safety edge, E-stop) with documented results.	[C/NC/NA]	
Emergency battery test (if fitted): simulate mains failure and confirm door behaviour per specification (fail-safe mode, number of cycles, alarms/indications). Record results.	[C/NC/NA]	
Emergency battery replacement schedule defined (if fitted): replacement interval agreed (per manufacturer/site maintenance plan), battery labelled with installation date, and next replacement/inspection date recorded in maintenance log.	[C/NC/NA]	

Emergency battery test procedure completed (if fitted) – see “Emergency Battery Test Procedure” section below; results recorded.	[C/NC/NA]	
Warranty captured for handover: warranty document/certificate provided; warranty start date agreed (e.g., commissioning/handover date); serial number recorded; warranty period and key exclusions noted.	[C/NC/NA]	
Handover requirements confirmed (training, O&M manuals, as-built drawings, spares list, warranty start date).	[C/NC/NA]	
Section 7 Notes		

Emergency Battery Test Procedure (MC-125 – if battery module fitted)

1. Pre-checks: confirm battery module installed, connected, and charged/ready; door area clear; covers/guards fitted.
2. Safety controls: confirm safety sensors active; E-stop accessible; control pedestrian traffic during the test.
3. Baseline: with mains ON, run 2–3 open/close cycles and confirm normal operation.
4. Simulate mains failure: switch OFF the local isolator feeding the operator (do not disconnect battery leads). Confirm changeover to battery mode (indicator/alarm if applicable).
5. Battery-mode operation: trigger OPEN and verify the expected behavior per specification. Repeat to confirm the required number of cycles/time (or until low-battery indication, if applicable).
6. Verify safety in battery mode: during at least one cycle, activate each safety device and confirm correct response (stop/reopen as applicable).
7. Restore mains: switch ON isolator; confirm return to normal mode and charging indication (if applicable).
8. Record results: isolator OFF/ON times, cycles achieved, any alarms/fault codes, and corrective actions.

Warranty information: Confirm the applicable warranty terms with **MC Automations** for this installation (coverage, exclusions, and required maintenance). Record the warranty period and retain the warranty document/certificate in the handover pack.8. Sign-off

Name	Company / Role	Signature / Date

