

Use this checklist to verify that each construction vehicle meets the camera and sensor requirements for CLOCS-adopting site access and FORS Silver v7 accreditation. Tick each item only after physical confirmation on the vehicle.

1. Camera Positions

- ☐ Forward-facing camera — cab-roof or front-bumper mount, full-width FOV
- ☐ Rear-facing camera — triggered by reverse gear, rear hazard zone coverage
- ☐ Nearside camera — wing or body mount, coverage alongside vehicle body
- ☐ Offside camera — coverage of offside blind zone
- ☐ Cab interior (driver-facing) camera — records driver behaviour and alerts
- ☐ Hopper/load-zone camera — covers bin-lift travel path or load placement zone

2. Tipper Lorry — Additional Requirements

- ☐ Rear camera mounted on chassis or fixed body point — NOT on tipping body
- ☐ Camera maintains consistent rear view with body raised and lowered
- ☐ G-sensor calibrated to exclude tipping cycle vibration events
- ☐ Proximity sensors calibrated to exclude hydraulic raise movements

3. Concrete Mixer — Additional Requirements

- ☐ Rear proximity sensors account for drum body extended profile
- ☐ Sensors not mounted flush on rear face only — drum sides covered
- ☐ Rear-offside drum zone camera or sensor considered for regular reversing sites

4. Durability — IP Ratings and Cabling

- ☐ All external cameras rated IP67 minimum
- ☐ Low-position and wash-down zone cameras rated IP69K
- ☐ All cable runs in protective conduit throughout — no unprotected sections
- ☐ Aviation-spec locking connectors at every connection point

No RCA or push-fit connectors on construction vehicles

- ☐ Impact-resistant industrial-grade housings (not semi-professional spec)

5. False Alarm Calibration

- ☐ Walk-test completed and calibration record documented
- ☐ Proximity sensors do not trigger from vehicle's own body or site obstacles
- ☐ Tipper: tipping cycle excluded from g-sensor and proximity trigger events
- ☐ Site environment sensitivity adjusted — not road-calibrated 3m detection
- ☐ FORS v7 false alert compliance verified: no triggers from roadside furniture

6. Compliance Framework Verification

- ☐ FORS Silver v7 equipment standard met — nearside camera, rear camera, MOIS
- ☐ MOIS (Moving Off Information System) fitted — mandatory from January 2025
- ☐ Left-turn audible warning with night mute fitted
- ☐ Reversing alarm fitted and operational
- ☐ DVS PSS fitted if vehicle over 12t operating in Greater London
- ☐ MDVR recording operational — 4G remote access configured if required
- ☐ FORS Silver certificate current and includes this vehicle registration