



Transport for London

Record of Periodic Inspection

Site Details

Site Number 20/014545/ Site Type CCTV Streets System Address 0000104545 - A23 LONDON ROAD - RAYMEAD AVENUE
Camera

Periodic Inspection

Maintenance Date
(Periodic Inspection Date) 04-Dec-2020 12:17 Engineer Name [REDACTED]
Inspection Type Full Inspection Status COMPLETE
Controller Details Camera CCTV/Surveillance

Questionnaire

Camera Operational Checks

- 1 Has a full set of functional tests been completed on a CCTV OIF? (Pan, Tilt, Zoom, Focus, Iris, Presets, and Wiper if fitted) **Yes**
- 2 Has a camera picture quality check on a CCTV OIF confirmed that a good quality noise-free image is presented and vehicle registration number plates can be read to a satisfactory level required for civil enforcement purposes? **Yes**
- 3 Can the camera IP Encoder or IP Camera configuration web interface be accessed via a web browser on a CCTV OIF? **Yes**
- 4 Does the Camera (IP Camera or IP Encoder) pass system 'Enforcement Checks' (checked via the CCTV System Dashboard)? **Yes**
- 5 Enter the three digit ID Number of the OIF on which the above checks were performed. **053**
- 6 Confirm OIF Logon Username used to perform the above checks. [REDACTED]



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Questionnaire

Pole, Camera Mounting, Control Cabinet & ESP

- | | | |
|----|---|------------|
| 1 | Is the site free from any visible physical damage or corrosion to the pole, camera mounting bracket, control cabinet or ESP? | Yes |
| 2 | Is the site free from any visible damage to the foundation of the pole, control cabinet or ESP e.g. surface cracks or equipment off vertical? | Yes |
| 3 | Is the site free from graffiti? | Yes |
| 4 | Are all the engineer's access points clean and free from debris? | Yes |
| 5 | Are all access covers, pit lids and access panels free from defects and secure? | Yes |
| 6 | Is the site free from any visible signs of vermin infestation? | Yes |
| 7 | Are all hinges, locks and security fittings present and working correctly? | Yes |
| 8 | Have all defective hinges, locks and security fittings been replaced? | n/a |
| 9 | Is all equipment in the control cabinet and ESP securely fixed and/or seated correctly? | Yes |
| 10 | Has the interior and exterior of the control cabinet been cleaned (including cabinet fan and vents)? | Yes |
| 11 | Has the control cabinet fan and heater been tested for correct operation? | Yes |
| 12 | Have the fans and grilles on all Routers, Modems and Encoders been cleaned? | Yes |
| 13 | Is the site free from all other cosmetic damage? | Yes |
| 14 | Have any scratched or damaged painted surfaces been suitably primed and re-painted? | n/a |
| 15 | Is the pole free from foliage obstructing the camera views and/or camera operation? | Yes |
| 16 | Is the site free from non-contractual equipment fitted? (if No, identify type below)? | Yes |
| 17 | Is any non-contractual equipment fitted in safe condition and not interfering with the correct and safe operation and/or maintenance of the Camera? | n/a |
| 18 | Is the site free from any Health and Safety risk? | Yes |
| 19 | Have all pole, control cabinet and ESP seals been checked and repaired or replaced where damaged? (Annual inspection only) | Yes |
| 20 | Have the cabinet base and all ducts been suitably sealed in order to deter vermin infestation and where necessary repaired or replaced? | Yes |



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Questionnaire

Site Documentation

- 1 Is log book present (provide a new one if log book is not present, damaged or current one is nearly full) **Yes**
- 2 Is the site free from outstanding faults or issues recorded in either SFM or the log book? (If No, identify SFM fault numbers or issues below) **Yes**
- 3 Is the documentation wallet present (provide a new one if the current one is defective or missing)? **Yes**
- 4 Is current SLD present? **Yes**
- 4.1 SLD Issue No **2054454501**
- 5 Has this Periodic Inspection visit been recorded in the log book? **Yes**
- 6 Has any old issue paperwork been removed and all current paperwork been inserted into the document wallet? **Yes**



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Questionnaire

Camera Local Checks

- | | | |
|----|--|------------|
| 1 | Has camera housing glass been cleaned? (Shoebox housing both internal and external, dome camera external only) | Yes |
| 2 | Has camera lens glass been cleaned using a suitable lens cleaning cloth and cleaning fluid? (Select N/A for dome camera) | Yes |
| 3 | Is camera housing/dome free from moisture ingress? | Yes |
| 4 | Is camera housing free from dirt or debris? (including flies, spiders and other insects) (Select N/A for a dome camera) | Yes |
| 5 | If fitted, has the wiper been checked for correct operation? | Yes |
| 6 | If fitted, has the wiper blade been replaced? (select N/A if wiper blade does not need replacing) | Yes |
| 7 | Are all camera housing hinges, locks and security fittings present and working correctly? | Yes |
| 8 | Have any defective camera housing hinges, locks and security fittings been replaced? | Yes |
| 9 | Is the camera assembly and all control cards securely seated in the camera housing? | Yes |
| 10 | If fitted, has the condition of the pan and tilt head, cables and connector been checked? | Yes |
| 11 | Is the camera number overlay text present and correct on the camera picture? | Yes |
| 12 | Has the camera focus been checked and adjusted if required? | Yes |
| 13 | Has the camera white balance been checked and adjusted if required? | Yes |
| 14 | For a camera with analogue video output have the camera video output levels been checked locally and adjusted if required? | Yes |
| 15 | For a camera with analogue video output has the picture quality been checked on an analogue test monitor? | Yes |
| 16 | For a camera with analogue control have all control functions been tested using an FSK/RS485 test unit or an FSK/RS485 emulator programme on a PC/Laptop/Tablet? | Yes |
| 17 | Has the digital picture quality been check on a PC/Laptop/Tablet via the Ethernet port of the IP Camera or IP Encoder? | n/a |
| 18 | Has camera control been checked locally on a PC/Laptop/Tablet via the Ethernet port of the IP Camera or IP Encoder? | n/a |
| 19 | Has the camera mounting bracket mechanism been lubricated with grease? (Annual inspection only) | Yes |
| 20 | Has interior of camera housing been cleaned? (annual inspection only) (Select N/A for dome camera) | Yes |



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<u>Maintenance Date</u> (Periodic Inspection Date)	04-Dec-2020 12:17	<u>Engineer Name</u>	XXXXXXXXXX
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Camera CCTV/Surveillance		

Questionnaire

Electrical Checks

- | | | |
|-----|--|--------------------|
| 1 | Does the site have an electricity meter? | No |
| 2 | Confirm that a Visual Inspection of the Electrical Installation has been carried out in accordance with the current Wiring Regulation (BS7671) | Yes |
| 3 | Confirm the Operation of RCD - a) 50% of operating current. Device should not operate | Pass |
| 4 | Confirm the Operation of RCD - b) 100% of operating current. Device should operate in less than 200 ms
(Where the RCD incorporates an intentional time delay it should trip within a time range from 50% to 100 % of the rated time delay plus 200 ms). | Pass |
| 4.1 | 100% Test result for Positive Cycle (include decimal places shown on test meter) | 9.8 |
| 4.2 | 100% Test result for Negative Cycle (include decimal places shown on test meter) | 14.8 |
| 5 | Confirm the Operation of the maintenance socket RCD - c) Test current at 500% of the rated residual operating current. Device should operate in less than 40ms. | Pass |
| 5.1 | 500% Test result for Positive Cycle (include decimal places shown on test meter) | 19.1 |
| 5.2 | 500% Test result for Negative Cycle (include decimal places shown on test meter) | 8.9 |
| 6 | Confirm the Operation of the RCD - d) RCD trips by pushing the Test button | Pass |
| 7 | Confirm the Earth Fault Loop Impedance (Zs) measured at the maintenance socket does not exceed 80% of the applicable maximum value (given in BS7671) | Yes |
| 7.1 | Impedance (reading in Ohms including decimal places shown on test meter) | 0.29 |
| 8 | Has all electrical wiring within ESP, pole, camera housing and control cabinet been checked? (particularly for conductor condition, integrity of insulation and security of all anchorages, barriers, termination/connections and components) | Yes |
| 9 | Has all damaged electrical wiring within ESP, pole, camera housing and control cabinet been repaired or replaced? | n/a |
| 10 | Have all earth connections within the ESP, pole, camera housing and control cabinet been checked, confirmed as present and tightly secured? | Yes |
| 11 | Have all damaged earth connections within the ESP, pole, camera housing and control cabinet been repaired or replaced where damaged? | n/a |
| 12 | Have all warning labels and circuit identification labels been checked and replaced where missing, damaged, or illegible? | Yes |
| 13 | Record due date (in the format dd/mm/yyyy) for next Periodic Inspection of the Electrical Installation? (required every 6 years) | not present |

Asset Check

- | | | |
|---|--|------------|
| 1 | Are all assets in accordance with the following list?
NB: assets found onsite that are in addition to the equipment list must be added by selecting the 'N' option. | Yes |
|---|--|------------|

Comments



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Comments

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Site Equipment List

Location Details

- Unallocated
- JH0502 - John Wilkinson Supply Pillar Type A High Security
 - ZCP008 - CCTV Mounting Pole (8 metres)
 - 000013 - Camera CCTV/Surveillance
 - CTC031 - CCTV Out-station Standard PTZ Camera Fixed Pole RS485 Communication
 - CTDN54 - DCCTV Camera Encoder Siqura S-60 E-MC H.264 Multi-Codec Module
 - CTVB23 - CCTV Lens Pentax (Cosmicar) 20:1 Zoom Model H20ZME
 - CTVC33 - CCTV Housing Dennard 516/W/24V/TIB (Tyco Model T216 2779)
 - CTVF41 - CCTV Pan & Tilt MAD 615 Fully Rotational with Home Position
 - CTVL50 - CCTV Telemetry Interface Board Tyco TIB Model T-215 1508
 - CTVL90 - CCTV PSU & Termination Tray (CTU) Tyco Model T-215 6894
 - CTVQ21 - CCTV Camera Bosch Model LTC 0610/11 DinionXF Colour Camera
 - ZCC301 - CCTV Control Cabinet WEC Roadside 750 450 TFL