

Document:	Form 097
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Electrical Traffic Signal Inspection Report



Route / Location / Site Address	VXT63		
Controller Type / EM No.			
Ancillary Equipment			
Inspection Type (✓ relevant box)	Monthly (items 1-12)	<input checked="" type="checkbox"/> 12-monthly (items 1-37)	Bulk Lamp Ch.

Item	Description	✓ relevant box		
		Pass	Fail	n/a
1	Controller Operational.	<input checked="" type="checkbox"/>		
2	Operation of all signal lamps and Regulatory Signs.	<input checked="" type="checkbox"/>		
3	Signals stuck.	<input checked="" type="checkbox"/>		
4	Detector Fault Lamp illuminated.	<input checked="" type="checkbox"/>		
5	Operation of Pushbuttons and other manual inputs.	<input checked="" type="checkbox"/>		
6	Illumination of all 'wait' and other indicator lamps.	<input checked="" type="checkbox"/>		
7	Operation of audible and tactile signals.	<input checked="" type="checkbox"/>		
8	No gross misalignment of Signals or Above Ground Detectors and no obvious deterioration in optical performance of signals.	<input checked="" type="checkbox"/>		
9	Physical condition of push button units and detector housings.	<input checked="" type="checkbox"/>		
10	Physical condition poles, signal heads, support brackets and backing boards (including any white edge tapes etc.).	<input checked="" type="checkbox"/>		
11	Physical condition of regulatory and variable message signs.			
12	Obscuration of signs, signals or Above Ground Detectors by lamp columns, signs etc.			
13	Operation of red lamp monitor circuit.			
14	Operation of all user selected and fall-back modes.			
15	Maximum Green, Minimum Green, Intergreen and Pedestrian Blackout times.			
16	Lamp Dimming.			
17	Fault Log Contents.			
18	Reversion to Fallback Mode of Operation.			
19	Correct operation of all detectors including above ground detector alignment.			
20	Operation of all Manual Panel facilities.			
21	Illumination of all Manual Panel indicators.			
22	Operation of cable-less linking.			
23	Operation of local links to other apparatus.			
24	All equipment clock times.			
25	Illumination and operation of variable message signs.			
26	Operation of Speed Assessment or Speed Discrimination Equipment (SA/SDE).			
27	Operation of ancillary equipment e.g. Outstation Monitoring Unit (OMU), Outstation Transmission Unit (OUT) etc.			
28	Condition of earth connections, wiring, pole cap assemblies and mechanical support of cables.			
29	Condition of cabinet, door seals, locks and hinges.			
30	Condition of cabinet base sealing or gas plinth ventilation as applicable.			
31	Accessibility of equipment cabinet.			
32	Data sheets and Log Books present in cabinet.			
33	Condition of earth connections and wiring to poles.			
34	Condition and effectiveness of all bonding and earthing.			
35	Physical condition of loop and feeder slots and their sealing.			
36	Condition of road markings and studs.			
37	Mast arm assemblies, which shall be inspected in accordance with the Design Manual for Roads & Bridges, Volume 3 Section 1, Part 4 (ref 5) or in accordance with the requirements of the Overseeing Department.			
Notes	List any other defects requiring further attention:			
	Works / repairs completed during inspection:			

Works completed by:	Signed	Print name	Company	Date
Acknowledgment / Checker: (BEAR Scotland)			BEAR	19.7.17
Further action required: (delete as required)	Yes	No <input checked="" type="checkbox"/>	Comments / LMS Reference:	