ACTIVE LEVEL CROSSING – ENGINEER’S INSPECTION RECORD

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| Location:        | Road:       | ID:       | Km:       | Telephone No:       |
| Monitor type:       |  | Boom Mech Type:       |  | Battery Type:       |
| Charger Type:       |  | Type of lights (Inca/LED):       |  | No of lights:       |

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| Date | Last Maintenance Inspection | Crossing Busbar voltage | Crossing battery voltage | Charge current  | Operating current | Lowest Cell (2mins) | Battery alarm card/BVM voltage | Electrolyte level (%) | Train Check Y=Yes N=No | MR6 diode check (if applicable) | Current sensor voltage (if applicable) | Lamp Lens Condition | Lamp focus & Alignment ## | Road Markings ## | Signages ## | Boom/Gate Mechanism ## | Lamp Voltage/Current | Monitor condition and logs (review) | Busbar Voltage | Earth Leakage | Road Authority Advised and evidence retained (Yes/No) | Remarks | Name and Signature |
|  |  | Float       | Float       | Trickle       | Standing load       | Cell#       | Float       |       | Up       |       | City side       | City side       | Focus       |       |       | City side       |       | Faults       | Crossing       | Crossing       |       |  |  |
| Operate       | Ref Set       | 50V       | 50V       |
|  | 2 min#       | 2 min#       | Boost       | Booms raising       | Cell Volts       | 2 min#       |       | Down       |       | Ctry side       | Ctry side       | Alignment       |       |       | Ctry side       |       | Warning       | 110v/120v       | 110v/120v       |       |  |  |
| Boost charge       |       |       |
|  |  | Float       | Float       | Trickle       | Standing load       | Cell#       | Float       |       | Up       |       | City side       | City side       | Focus       |       |       | City side       |       | Faults       | Crossing       | Crossing       |       |  |  |
| Operate       | Ref Set       | 50V       | 50V       |
|  | 2 min#       | 2 min#       | Boost       | Booms raising       | Cell Volts       | 2 min#       |       | Down       |       | Ctry side       | Ctry side       | Alignment       |       |       | Ctry side       |       | Warning       | 110v/120v       | 110v/120v       |       |  |  |

# Switch battery charger off. Take voltage reading after crossing has operated for 2 mins whilst crossing is operating.

## If check OK please tick in box; if attention required please record the action required or defect reference number from Ellipse.