

Safety check list For Level Crossing Gates

| Srl.No. | Items | Remarks |
|----------------|---|---------|
| GENERAL | | |
| 01 | Class of Gate | |
| 02 | Engg./ Traffic | |
| 03 | Normally Open to Road Traffic / Normally Closed to Road traffic | |
| 04 | Leaf Gate/ Mech. Lifting Barrier / electrical Lifting Barrier | |
| 05 | Interlocked / Non Interlocked | |
| 06 | Sliding boom provide or not | |
| 07 | TVU: Month/ Year | |
| 08 | Name of the Gateman | |
| 09 | PME | |
| 10 | Refresher | |
| 11 | Validity of Competency certificate | |
| 12 | Validity of Assurance certificate | |
| 13 | Knowledge of Gateman | |
| 14 | Gateman Working Rule (GWR)/ Trilingual | |
| 15 | List of safety Equipment displayed or not | |
| 16 | Safety Equipment found deficient | |
| 17 | Availability of Safety Chains | |
| 18 | Track protection Diagram | |
| 19 | Visibility for Track | |
| 20 | Visibility for Road | |
| 21 | Safety poster | |
| 22 | Telephone with Station and condition | |
| 23 | Insulation of wire run | |
| 24 | Insulation of road run | |
| 25 | Bonding between pedestal and return rail | |
| 26 | Bonding between Winch Machine and Return rail | |
| 27 | Bonding of Fencing (Metallic) with return rail | |
| 28 | Incident register | |
| 29 | Suggestion cum Complain Register | |
| 30 | Emergency Gate Key Register | |
| 31 | Private Number Book | |
| 32 | Warning System (Audio-Visual) | |
| 33 | Catechism / Bio-data Register | |

| Engineering | | |
|--------------------|---|--|
| 01 | Class of Road | |
| 02 | Condition of road Surface | |
| 03 | Road Sign Boards | |
| 04 | Speed Breaker Boards | |
| 05 | Speed Breaker (Double in TVU > 1 Lakh) with pending | |
| 06 | Rumble Strip | |
| 07 | Standard Height Gauge | |
| 08 | Availability of one meter marking on height gauge | |
| 09 | Check rail Clearance (51-57 mm) | |
| 10 | Check rail depth Clearance (Minimum 38 mm) | |
| 11 | Fencing provided or not | |
| 12 | Wicket gate provided or not | |
| 13 | W/L Board at proper (600 meter) distance | |
| 14 | Pipe for fixing banner flag | |
| 15 | Board Gradient within lifting barrier (whether level or not for all class of roads) | |
| 16 | Road Gradient in approaches (For Class – I roads – Level upto 15 m, For Class – II & III roads – Level upto 8 m and for Class – IV roads – NIL) | |
| 17 | Board for Section 160 and Section 146 | |
| 18 | Visibility Diagram | |
| 19 | Overhauling of Gate | |
| 20 | Distance of Gate post from center of track (between 3 mtr. to 3.3 mtr.) | |
| S&T | | |
| 01 | UPS / IPS / Inverter | |
| 02 | Position of Gates : As close to Gate post as feasible | |
| 03 | Angle of Boom from horizontal (Closed position – 0 to 10 degree). Open position – 80 to 85 degree) | |
| 04 | 600 mm dia red disc at center of boom | |
| 05 | Road users Gate Lamps / Road Users Signal including visibility | |
| 06 | Emergency Key Box Sealed (Yes/No) | |
| 07 | Interlocking system and its effectiveness | |
| 08 | Positive Boom locking | |
| 09 | Height of closed Lifting barrier boom from road surface (0.8 to 1 meter) | |
| 10 | 300 mm alternate black yellow bands on booms | |
| 11 | Gate working diagram (Interlocked gates outside station limits) | |
| 12 | Functioning of Telephone | |

| | | |
|-------------------|---|--|
| 13 | Buzzer / Gate Bell | |
| 14 | Overhauling of SM Slide / Lever Frame (3 Years) over due or not. | |
| 15 | Condition of Road Run | |
| 16 | Condition of Wire Run | |
| 17 | Signal Failure Record | |
| 18 | Signal Maintenance Record | |
| 19 | Attendance Register | |
| 20 | Approach warning system (Audio – Visual) (Interlocked Gates) | |
| ELECTRICAL | | |
| 01 | Local Supply availability. | |
| 02 | Traction UP availability | |
| 03 | Traction DN availability | |
| 04 | DG availability | |
| 05 | Solar Power availability | |
| 06 | Danger Board (Bilingual) | |
| 07 | Illumination at Gate & Gate Lodge | |
| 08 | Inter Track Bonding within 5 meter of LC Gate | |
| 09 | Statutory Board for Trespassing (Electrification) | |
| Inspection | | |
| 01 | Last Inspection of JE /P-Way | |
| 02 | Last Inspection of SSE/P-Way | |
| 03 | Last Inspection of SSE/SIG | |
| 04 | Last Inspection of JE/SIG | |
| 05 | Last Inspection of SSE/TELE | |
| 06 | Last Inspection of JE/TELE | |
| 07 | Last Inspection of SSE/JE/TRD | |
| 08 | Last Inspection of SSE/JE/ELECT(G) | |
| 09 | Last Inspection of TI | |
| 10 | Last Inspection of SM | |
| 11 | Last Inspection of ADEN | |
| 12 | Last Inspection of ADSTE | |
| 13 | Last Inspection of Other Officials | |
| 14 | Last Inspection of Register Signal | |
| 15 | Last Inspection of Register Telecom | |
| 16 | Last Inspection of Register of Engineering | |
| 17 | Last Inspection of Register of Officers | |