

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

No. PW-MDS-DB-Ropeway-2025-26 /1st quarter-659-66

Dated: 26/06/2025

To

The Principal Secretary,
To the Govt. of H.P.,
Shimla.

Subject:-

Periodical Inspection Report of Aerial Ropeway installed at M/s Asia Resorts, Parwanoo.

Respected Sir,

The above subject cited ropeway bearing data under operation as :span 1675 m , 2 Nos of cabins with capacity of 16 nos of persons/ cabin, pay(15 Passenger+1 Operator) load 1088 kg/cabin, max. speed 3.5 m/sec. with mono cable Zigback, has been inspected by the under signed on dated: 06.06.2025 and its detailed report is as follows:-

CHECK LIST:-

- | | |
|---|-------------------------------------|
| • Check List register for daily maintenance | <input checked="" type="checkbox"/> |
| • D.G. set register for daily maintenance | <input checked="" type="checkbox"/> |
| • Daily log book | <input checked="" type="checkbox"/> |
| • Earthing Resistance values check up register (weekly) | <input checked="" type="checkbox"/> |
| • Major repair record | <input checked="" type="checkbox"/> |
| • Haulage system as per visual inspection | <input checked="" type="checkbox"/> |
| • Cabins visual inspection | <input checked="" type="checkbox"/> |
| • Sheave shafts | <input checked="" type="checkbox"/> |
| • Track rope | <input checked="" type="checkbox"/> |
| • Rope sag | <input checked="" type="checkbox"/> |
| • Safety Balls | <input checked="" type="checkbox"/> |
| • Staff uniform and designation | <input checked="" type="checkbox"/> |
| • Overall functioning | <input checked="" type="checkbox"/> |
| • Rate List | <input checked="" type="checkbox"/> |
| • Inspection certificate | <input checked="" type="checkbox"/> |
| • Insurance | <input checked="" type="checkbox"/> |

1. RECORD OF MAINTENANCE ACTIVITIES:

All of the records pertaining to this Ropeway has been thoroughly inspected and the verification of the same too has been asked to Assistant Engineer Mechanical Sub-Division Dharampur to cross check by intermittently sudden visit to the Ropeway and communicate the same to the undersigned timely. It was apprised to the undersigned that daily routine maintenance is carried out between 7:00 AM to 9:00 AM, then trail run is carried out, thereafter the system is allowed for carriage of passengers. Visual inspection of haulage ropes is carried out daily. All maintenance activities were recorded properly in maintenance log book.

The brake system & emergency brake system were inspected & trialed in running condition of the ropeway by the inspector ropeway and observed functioning suitably with the ease at the situation.

10..ELECTRICAL SYSTEM AND FIRE FIGHTING SYSTEM:

All of the electrical system engaged to the Ropeway are perfectly working. It was apprised to the undersigned that all the Electrical and Electronic components have been tested and checked by M/s Prithvi Power Engineers Pvt. Ltd. on dated 13.02.2025 and the performance has been found satisfactory having the validity till Aug, 2025.

The first aid fire-fighting measures adopted by the aforesaid ropeway were inspected by the representatives of Department of Fire Services and a No Objection Certificate was issued regarding the same by the Chief Fire Officer, Shimla valid upto 29.08.2025. Also, fire extinguisher equipments were checked and found in order during the inspection.

11. CIVIL STRUCTURE:

All the civil structure (Concrete/steel) including the counter weights blocks were physically inspected were found in satisfactory conditions and all these components were tested by M/s SAARC Test House, Faridabad on 10.02.2025 in the presence of A.E. HPPWD Parwanoo and the strength of concrete anchor block was found okay and these reports are valid till February, 2026.

12. CORRECTIVE MEASURES TAKEN:

- The NDT Tests of main shaft & sheave shaft have been conducted and recorded.
- The process of establishing DC drive in to AC drive has been initiated.
- The on load testing in DG set and the rescue engine have been recorded in the respective register as per check up on the date.
- Proper uniform code with designation of the staff working in the ropeway has been observed implemented by the promoter as on the inspection of this ropeway.
- The working hours/per day have been observed recorded every day in the ropeway.
- Inspection Certificates in each of the cabin as well as at entry & exit ends of the Ropeway are well laminated and affixed to the clarity of visibility in the ropeway.

CORRECTIVE MEASURES TO BE TAKEN

- The drive parameters of various electrical drives and their loads limits be recorded & communicated to the ropeway inspector.
- Any abnormality if noticed in the structures, Electro-mechanical system and the drive system will be immediately intimated by the promoter to the Ropeway Inspector/ Ropeway Expert Committee.
- The track rope idlers and the alignment of haulage system along with the variations in sag of the track ropes proportional to the cabin weights must everyday be visualized.
- The operating staff engaged in the ropeway operation must be in specified uniforms with proper name & Designation 24x7 during the operation.
- The Emergency Dial Numbers in responsive state must be printed/provided in both of the cabins clearly visible to the passengers.

CERTIFICATE OF FITNESS

Certified that the Periodical inspection of Asia Resort Timber Trail Ropeway Parwanoo has been carried out by the Inspector Ropeway-Cum-Executive Engineer Mechanical Division HP PWD Dhalli on dated: 06.06.2025 and the ropeway has been found fit for the public use even as on the date of issue of this fitness certificate.



Inspector Ropeway-cum-
Executive Engineer
Mechanical Division
HPPWD, Dhalli Shimla-12