

**Himachal Pradesh
Public Works Department**

No. : -

288-96

Dated:-

21/04/25

To

The Principal Secretary (PW),
To the Govt. Of Himachal Pradesh

Sub: -

Quarterly Inspection of passenger Ropeway at Pandoh Kanchi mod to Mata Baglamukhi Temple.

Sir,

The said Ropeway was inspected by me on 10-04-2025. The working of this Ropeway was found satisfactory and is free from any visual defect as on date. The point wise inspection report of the said Ropeway is attached herewith for information please. After inspection, it is stated that this passengers Ropeway is found ok.

This is submitted for your kind information please.

DA/As Above

Yours faithfully

(Er. G. L. Thakur),
Ropeway Inspector Cum
Executive Engineer
Mechanical Division,
HP PWD Division, Kullu
Ph: 01902-222052
Email: eems-kul-hp@nic.in

Copy forwarded for information to:-

1. The deputy Commissioner Kullu (H.P) for information please
2. The Superintendent of Police Kullu (H.P) for information please
3. The Chairman Ropeway Expert Committee cum Superintending Engineer Mechanical circle HP PWD Dharmshala for information please
4. The Deputy Director Tourism development office kullu for information please.
5. The Managing Director, A Power Himalayas Ltd. Ropeway cum Ski Centre at Solang P.O. Palchan, Tehsil Manali, District Kullu.
6. IT cell Nigam Vihar Shimla.


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Quarterly inspection of passenger ropeway Pandoh to Maabaglamukhi Temple

The subject cited Ropeway was inspected by the undersigned on dated **10-04-2025** and following observations have been made:-

- 1 The Ropeway is of 654 Mtr. Length and has 2 Gondolas each having a carrying capacity of 16 passengers. This Ropeway has so far covered 609.7 Hrs. as on **10-04-2025**.
- 2 The sensors are sensing the general health of each gondola fixed at both drive and return station. All sensors are found in working order. Door closing & opening, fault sensing sensors on towers, Gondolas arriving grip sensors and line fault sensors in particular were checked and found in perfect order.
- 3 Haul rope checked for condition of splice joint, diameter, visual testing for wire defects and damages, visual testing nearby entry & exit areas of vehicle. There were no defects or damages seen near the above-mentioned area.
- 4 Tensioning force of haul rope checked with inclinometer -1.6 degree. Temperature of surrounding area was 20C which was within the limit of sag (upper limit -1.2-degree lower limit -3.1 degree)
- 5 Track rope checked for condition near saddles, concrete bollards and external damages, rope fixations and relative position of ropes and guide elements. Condition satisfactory.
- 6 Maintenance done for emergency brake hydraulic system, oil level checked on hydraulic units, checked for any abnormal noises and vibrations. Condition satisfactory.
- 7 Bull wheels checked for wear (groove liner depth) , monitoring switch, radial runout , rope positioning , cleanliness, secure seating of rope. Groove liner depth was measured 25.8mm for all bullwheels (max groove depth 35mm) which was within limit.
- 8 Emergency drive 1 operation done. checked for abnormal noises, temperature. Condition satisfactory.
- 9 Emergency power generators checked for oil level, battery water, battery charging, cooling water level, leakages, cable connections. Started emergency power generators checked for abnormal noises and vibrations. All the above-mentioned components level were in satisfactory conditions.
- 10 Track rope anchoring checked for distance between clamping plate and safety clamping plate. Track1 = 25mm, track 2 =19 mm (condition satisfactory)
- 11 Distance of cast socket and control clamp measured track 1 = 452 mm, track 2 = 400 mm , checked for displaced profile wires. There was no displaced profile wire.
- 12 Limit switch and emergency limit switch position and function checked. Functions were ok.
- 13 Pendulum arm and cabin support general inspection done. There were no issues. Condition satisfactory.
- 14 Carriages wheels checked for wear of groove. Visually checked radial runout, center alignment, lubricant attack, flat surface formation. Groove depth measured 13mm (Max 21mm). Above mentioned points visually ok. No abnormal wear and tear found.
- 15 Checked current rail – charging rail for condition, function, ease of movement. Condition satisfactory.

- 16 Main control system- all equipment's checked (switches, cleanliness inside control cabinets, function of maintenance switches, function of flood lights, checked voltage of ups battery bank, cleaned UPS)


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