

**Himachal Pradesh  
Public Works Department**

No.PW-MDS/DB/Ropeway/2024-25- 1880

Dated- 04/11/2024

To

The Executive Engineer (IT),  
HPPWD, Nirman Bhawan  
Shimla-2.

**Subject: Request to upload periodical inspection report of aerial ropeway Parwanoo  
M/S Asia Resorts Ltd Timber Tail Distt Solan HP.**

You are kindly requested to upload the above subject cited matter on the website of HPPWD, conducted by undersigned on 09-10-2024 at M/S Asia Resorts Timber Trail Parwanoo Distt Solan as per the direction of worthy Secretary (PW) to the Govt of HP.  
DA:- As above along with fitness certificate.

  
Executive Engineer  
Mechanical Division  
HPPWD Dhalli

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

No. PW/MDS/DB/Ropeway/2024-25/- 1824-35

Dated: 18/10/2024

To

The Principal Secretary (PW)  
to the Govt. H.P., Shimla-2

Subject:- Periodical Inspection report of Aerial Ropeway installed at M/s Asia Resorts Ltd., Timber Trail, Parwanoo, Distt. Solan, H.P.

Respected Sir,

The above subject cited ropeway was inspected by me on dated 09.10.2024 on the basis of sequence of installation of every unit and the findings & observations of the inspection at site are submitted as detailed below :

**1. RECORD OF MAINTENANCE ACTIVITIES:** First of all daily routine maintenance & record registers were checked. It was apprised to the undersigned that daily routine maintenance is carried out between 7:00 AM to 9:00 AM after that a trail run is carried out, finally the system is allowed for carriage of passengers. Visual inspection of haulage ropes is carried out daily. All maintenance activities out are recorded properly in maintenance log book. Though the record was properly maintained in the printed up to 08-10-2024 but on 09-10-2024 it was filled in hand formatted record book, during inspection the operator submitted that the book in process of printing & the same being asked to make available within 2 days so as to maintain the record entries in continuation with proper sequence, which may even further be cross checked the undersigned in unpredictable & sudden visit to the ropeways.

**2. MAIN DRIVE SYSTEM** : The Gear box , DC Motor ,couplings and Generator all were inspected in running condition and found working satisfactorily without any visible torsion & the deflections.

**3. Mechanical System** : The main drive sheave, main drive shaft ,all sheaves with their collars, couplings and locking keys & cotters, lower & upper station structures were thoroughly inspected in running condition of the system which were properly lubricated and are running properly & transmitting drive power to the train of wheels & the main balancing wheels without any thrust & also stand tested by M/s SARRC Test House ,Fridabad on 21.08.2024 to 22.08.2024 with satisfactory report having validity till February, 2025.

**4. Control Panel unit:** The unit is well installed in the fore front of the landing and up-moving cabins cars & theirs track ropes ,which is displaying all signals with proper function and command acceptance as on the date.

**5. Rescue Engine:**The Ropeway System was operated with rescue engine and rescue engine motor respectively up to a distance of 233 m with a maximum speed of 0.87 m/s and was found working properly and suitable in absence of direct power supplies. The oil pressure reading was 1.8 kg/cm<sup>2</sup> and the last engine service was done on 26.06.2024, indicative that density of oil & filter quality is valid and the same can be vital in emergent situations.



6. **Brake system** :The brake system & emergency brake system were inspected & tried in running condition of the Ropeway by the Inspector Ropeway and the grip between brake band & the periphery of wheel surface was found creep free and smooth , overall found working satisfactorily.

7. **Diesel Generating Set**: The Diesel Generating set was started, checked by operating the ropeway on DG set to full span of the ropeway at a speed of 3.14 m/s and its performance was found to satisfactory.

8. **AC Motor** : The ropeway was tested to work on AC motor to a distance of 90 m at a speed of 0.81 m/s at 1440 rpm and was found to be working satisfactorily.

9. **Electrical System and Fire Fighting System**:A thorough checkup pertaining to electrical connections, switches , power switch bus, fire fighting system and earth system was done on the date ,there have not been observed any current leakage/power loss and no malfunction of these was observed. The first aid fire fighting majors adopted by the ropeway has been also inspected by the representatives of fire services and a No Objections Certificate being issued regarding the same by the Chief Fire Officers, Shimla having validity up to 29.08.2025.Fire extinguishing equipments were checked and found in order during inspection. It was also updated by the ropeway operator that the M/s Prithvi Power Engineers Pvt. Ltd., Greater Noida (UP) has checked/tested all the Electrical and Electronic system components on dated 04.05.2024 with satisfactory performance & next testing of these components is further due in November 2024.The circuit continuation of earthing system too being observed in regulation.

10.**Civil Structure**:All of the civil structure (concrete and steel) were physically inspected including the counter weight blocks and the rope fastening clamps etc were physically inspected and found properly working and also updated by the operator that they all being by M/s SAARC Test House, Greater Noida (UP) on dated: 19.02.2024 to 21.02.2024 and found satisfactory, and hold the validity reports till February 2025.

11 **Passenger Cabin**:-Both cabins having 3 m/sec (max speed 4m/sec),max pay load1088kg/cabin and seating capacity of 16 individuals(15 passengers+1attendent),traversing across 1675m span, were thoroughly checked and inspected at haulage atop & inside Visually & by traveling, all the torsion springs, shock absorbers, rollers ,nuts & washers etc. and found in good condition and are working satisfactorily. The Cabins are traversing vibration & jerk free on the rope track, both cabins are also equipped with safety kits with proper provision for excavation of passenger in case of emergency.

12. **TRACK ROPES, HAULAGE ROPES AND ROPE TENSIONING DEVICES AND ITS ALLIED ACCESSORIES & Towers** : The track ropes of dia. 30 mm ,Hauling ropes of 18mm dia. loaded with facilitator pulleys & a rope loaded with safety balls of 12mm dia. all have been observed by visualization while traversing up & down & movement experience at the situation that they all are properly supporting and adjusting the SAG due to the cabins weight without any variation in speed of the cabins . The supporting towers and the splicing at landing and up movement load criteria were found appreciably responding at the situation. The supporting towers & accessories including at down



station and up station were found working at normally. Again it was up dated by the operator that the necessary NDT of the track ropes tensioning have been conducted as detailed below :

| Sr. No. | Description of Items | Date of NDT                | Agency            | Valid till  | Results of NDT     |
|---------|----------------------|----------------------------|-------------------|-------------|--------------------|
| 1       | Haulage Ropes        | 17 April to 19 April 2024. | C.I.M.F.R Dhanbad | Oct, 2024   | Found Satisfactory |
| 2       | Track Ropes          | 17 April to 19 April 2024. | C.I.M.F.R Dhanbad | April, 2025 | Found Satisfactory |

As per the report the rope system is found satisfactory and can be continued in services. They have also recommended/certified for commercial operation as mentioned above.

**13. JOINT MOCK EXERCISE:** There have been conducted a joint Mock Exercise by the NDRF Team of 14<sup>th</sup>Bn NDRF with this Timber Trail Resorts, Parwanoo along with members of DDMA office, DPRO, Tehsil Office, Health Department, Fire and Home Guard Deptt.on 09-09-2024 regarding Top Exercise and a mock rescue exercise. It was recommended to conduct such exercise once a year but advised that it's a vital step for the situations of adversities.

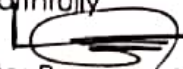
**14.COMPLIANCE PREVIOUS OBSERVATIONS:**As advised by the Expert Committee regarding maintenance system, were and found that the values are being noted weekly in the maintenance register.

**15.CORRECTIVE MEASURES TO BE TAKEN:**

1. It is essentially mentioned that inspection of all drive parts ,weld joints, coupling ,oil leakages ,Brake system ,lubrication & power stability must always be ensured prior start of the drive system on daily basis or any kind of abnormality noted in the be notice by the persons in key positions of the . Ropeway mechanism.
2. Operative safety measures
  - (i) Liners and deflecting sheaves must everyday be checked /visualized and replaced to avoid possibility of derailment of the Ropes which is also a matter of concern here.(Self awareness)
  - (ii) There have been intermittent submission of test reports of this Ropeway over time & again, henceforth any kind of tests (due) conducted on this ropeway system/parts must clearly indicate the present compatibility of the system and suggest clearly the any modifications /changes so that safety awareness shall accordingly be regulated/enhanced for the safe transportation of life with safe landing & rising upwards.
  - (iii) **Conclusion :** Though the Ropeway has appreciably shown correct functioning on the date of inspection, yet the gear , brake system with emergency brake including liners brake, shafts coupling, rope deflecting sheaves, all drive shafts (major attention) ,both cabins Pulley train haulage & accuracy of haulage alignment with the track rope ,Drive shaft collar weld joints ,Keys & cotters must always be checked & be properly lubricated in all rotating parts and be ensured with simultaneous sensing of electrical systems. The sag abnormality of ropes track also must be visualized daily. A healthy brake system, strengths of drive shafts & their keys , bearings ,joints and healthy clamping system of all

ropes and the appropriate sag of ropes are surely the salient features of the safely needs of the Ropeway for transporting the passengers on it .Hence the ropeway been provided with fitness certificate at either ends.

Yours Faithfully

  
Inspector Ropeways-cum  
Executive Engineer  
Mechanical Division  
HP.P.W.D, Dhalli, Shimla-12


Copy forwarded to the following for information please:-

- ✓ 1. The Deputy Commissioner, Solan H.P.
2. The Superintendent of Police, Solan, H.P.
3. The Chairman Ropeway, Expert Ropeway Committee-cum- Superintending Engineer, Mechanical Circle, HPPWD, Dhalli, Shimla-12.
4. The Superintending Engineer, Electrical Circle, HPPWD, Kasumpti, Shimla.
5. The Superintending Engineer, B&R Circle, HPPWD, Solan.
6. M/s Asia Resorts Limited, Timber Trail Resort, Parwanoo, Distt. Solan (H.P) for information and necessary action. They are directed to undertake the routine effective maintenance of the this Ropeway & including splicing portion specificaly.

  
Inspector Ropeways-cum  
Executive Engineer  
Mechanical Division  
HP.P.W.D, Dhalli, Shimla-12

## **CERTIFICATE OF PERIODIC INSPECTION**

Certified that the periodical inspection of Asia Resort Timber Trail Ropeway Parwanoo has been carried out by the under signed on dated 09.10.2024 and the ropeway has been found fit for the public use.

 / 9/10/24

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





## Himachal Pradesh Public Works Department

Office of Executive Engineer, Mechanical Division, HP.P.W.D, Dharamshala, Kangra,

Office Phone / Fax Number:- 01892-222111, email ID:- eem-dha-hp@nic.in

No. PW/MDD/Ropeway/JE(M)/2024-25:- 2318-23

Dated:- 04-11-2024

To,

The Secretary (PW)  
to the Govt. of H.P.,  
Shimla-2.

**Subject:- Periodical Inspection Report of Aerial Passenger Ropeway between Dharamshala and McLeodganj.**

Respected Sir,

Please find enclosed herewith the periodical inspection report of Aerial Passenger Ropeway between Dharamshala and McLeodganj conducted by the undersigned on dated:- 16.10.2024.

This is being submitted for your kind information and favour of further necessary action please.

DA:- As Above.

Yours Faithfully!

(Er. Rohit Raj Kiran)  
Inspector Ropeway-Cum-  
Executive Engineer,  
Mechanical Division,  
HP.P.W.D, Dharamshala.

Copy forwarded to the following for kind information & necessary action please: -

1. The Chairman Ropeway Expert Committee-Cum-Superintending Engineer, Mechanical Circle, HP.P.W.D, Dharamshala.
2. The Deputy Commissioner, Kangra, H.P.
3. The Superintendent of Police Kangra, H.P.
4. The Nodal Officer / Incharge (IT), O/o Engineer-in-Chief, HP.P.W.D, Nirman Bhawan, Nigam Vihar, Shimla-2, with a request to upload the same on the official website of the department, as desired by worthy Secretary (PW), to the Govt. of H.P., Shimla-2.
5. M/s Dharamshala Ropeway Limited, Kotwali Bazaar, Near Bye Pass Road, Dharamshala, H.P. 176215. They are directed to undertake the routine maintenance of the ropeway and maintenance schedule as prescribed by their technical partner (OEM) M/s Leitner Ropeway Italy with strict adherence. It is also advised to pay special attention to periodic diameter and lay length measurements of the rope. If any abnormality is noticed, the rope may be replaced immediately. Moreover, it is also directed to pursue & expedite the matter regarding stabilization of slope near the foundation of tower No.-4 with concerned authorities. Also, the implementations / corrective measures as incorporated in the detailed report of IIT Bombay should be got implemented from the concerned authority immediately as already directed vide this office letter no. PW/MDD/Ropeway/JE(M)/2024-25-1708-13 dated:- 19.09.2024 and its action taken report / compliance be conveyed to this office at the earliest.

(Er. Rohit Raj Kiran)  
Inspector Ropeway-Cum-  
Executive Engineer,  
Mechanical Division,  
HP.P.W.D, Dharamshala

**MINUTES OF THE INSPECTION OF AERIAL PASSENGER ROPEWAY BETWEEN DHARAMSHALA AND MCLEODGANJ CONDUCTED BY THE INSPECTOR ROPEWAY- CUM- EXECUTIVE ENGINEER, MECHANICAL DIVISION, HP.P.W.D, DHARAMSHALA ON DATED:- 16.10.2024.**

The subject cited Ropeway was operated and inspected by the undersigned on dated:- 16.10.2024 from 11:00 A.M. onwards and various systems / components were inspected in detail by operating the Ropeway at variable operating speeds i.e. minimum speed of 2 m/s and maximum speed of 6 m/s. The detailed report is as under:-

1. **Daily routine maintenance of Ropeway**:- The required maintenance is being carried out regularly. Maintenance log books / registers of UTP, LTP and intermediate towers, including electrical equipments were checked and found properly maintained. During the annual inspection by expert committee held on dated:- 19.06.2024 the promoter was directed to number each and every leaf of various log books / registers being maintained by them and certificate to this effect shall be recorded on the log books / registers itself. The same stands complied now.
2. **Steel Structure**:- All towers seem to be in good condition and painted with antirust paint.
3. **Carriage hangers and cabins**:- Cabins and hangers were visually inspected and found in good condition. The NDT (Magnetic Particle Testing) was got conducted by the promoter for at least 20% of LPA Grips (i.e. of Cabin No. 7,8,9 & 10) through M/s Satyakiran Engineers Private Limited, New Delhi with Megnaflux MPT machine on dated:- 08.10.2024 as scheduled & advised by the OEM.
4. **Haulage rope**:- The haulage rope of 42 mm diameter was visually inspected and its splicing portion as well as lay length were checked thoroughly and dimensions at certain tuck points were measured physically with the help of digital vernier caliper and were found within tolerance limit (i.e. 43.9 mm Horizontal & 43.5mm Vertical on an average). The NDT of haulage rope was carried out by the team of Council of Scientific and Industrial Research (CSIR – CIMFR), Dhanbad on dated:- 16.04.2024. As per their detailed report, no abnormal deviation in quantitative and qualitative analysis has been found during investigation and thus, they have recommended further continuation of haulage rope installation till April – May 2025 (i.e. Next date of recommended NDT inspection). The condition of rope was also found satisfactory after visual inspection.
5. **Braking System**:- The functioning of braking system was checked by visual inspection of brake calipers and brake lining which was found to be satisfactory. The Ropeway was put in operation and both Service Brake as well as Emergency Brake were applied & their working was found to be satisfactory.
6. **Driving arrangement**:- All driving components i.e. driving shaft, driving sheaves, return sheaves and transmission sheaves etc. including other driving arrangement were found properly operational and in order. During routine daily inspection being carried out by the promoter 26 liters of Bearing oil was replaced in drive sheaves and 7 liters of bearing oil was replaced in return sheaves by the promoter on dated:- 04.08.2024 & 05.08.2024 respectively. Also, 1 no. Moxa router in Leit drive (at LTP) wasn't working properly the same was replaced by the promoter on dated:- 06.09.2024 & 1 no. tyre conveyor (28 no. at LTP) was found malfunctioning, the same was immediately replaced by the promoter on dated:-24.09.2024.



7. **Rescue Engine:-** The technical staff was asked to check engine oil level, condition of air filter, fuel pre filter, water separator, heat exchanger, battery water level etc. Thereafter, rescue engine was started and ropeway system was operated on rescue engine at 2200 r.p.m. and engine working was found satisfactory.
8. **Live rescue:-** A mock drill / manual rescue operation was conducted by the Promoter between intermediate tower no. 7 & 8 on dated:- 30.09.2024 for getting familiarized with the functioning of ropeway, rescue equipments and demonstration of rescue in case of handling any emergent situation.
9. **Diesel Generator Set:-** The diesel generator set was started, checked and the ropeway was made to operate on it. Its performance was found to be satisfactory.
10. **Fire Fighting Arrangements:-** Adequate numbers of fire extinguishers have been provided at the lower and upper terminal station including other fire fighting equipments like fire hydrant, etc. which have been inspected by the authorities of Himachal Pradesh Fire Department on dated:- 07.08.2023, whose certificate has been issued / renewed for 2 years w.e.f. 17.08.2023 to 16.08.2025 by Chief Fire Officer, Himachal Pradesh, Shimla-2, and has been provided by the promoter.
11. **Visual Inspection of Various safety devices:-** Safety devices on various towers such as Anemometer for measuring wind velocity and wind directions, RPD (Rope position detector), snap bars, etc. were visually inspected. Moreover, visual inspection of rubber liners & various line sheaves and other components was done and were found in good condition.
12. **Electrical System:-** All the Electrical / Electronic equipments / Devices of Ropeway were inspected and found to be in good condition and working properly. During daily routine inspection being carried out by the promoter it was found that safety switch (station) relay / safety switch control & LV room relay of CC1-11 Panels had burnt and the same were got immediately replaced with new ones by the promoter on dated:- 24.09.2024.

**Thus, the Ropeway was found fit for Public usage as on 16.10.2024.**

With Regards,

Yours Faithfully!

(Er. Rohit Raj Kiran)

Inspector Ropeways-cum-  
Executive Engineer,  
Mechanical Division,

HP.P.W.D, Dharamshala

**Himachal Pradesh  
Public Works Department**

**No. PW-BMD-DB-Ropeway Shree Naina Devi Ji /2024- 1631-38**

**Date:- 6/9/2024**

**To**

**The Principal Secretary (PW),  
to the Govt. of H.P. Shimla-II.**

**Subject: - Quarterly inspection of Passenger ropeway at Shree Naina Devi Ji.**

The passenger ropeway was visually inspected by the undersigned on dated 04/09/2024 and following observations are made .

1. The soundness of the critical components and ropes has been relied on the basis of various NDT test reports which have been presented during visual inspections.
2. Maintenance record were checked. Maintenance chart of UTP & LTP including Electrical equipment were checked.
3. Towers and foundations seem to be in good conditions as per visual inspection.
4. Carriage hangers and cabins were checked visually. Some cabins need repairs to the shell for which the management was directed to repair.
5. The NDT of haulage rope was done by CIMFR Dhanbad on 24<sup>th</sup> & 25<sup>th</sup> July 2024 and they have recommended further continuance of this rope till next NDT which is due in July 2025. The Promoter has been advised to get the NDT done on or before the scheduled date.
6. All the driving arrangements were checked.
7. The rescue Engine was started and checked.
8. The Ultrasonic test and Magnetic particle examination of vital Ropeway components was done by the promoters from M/S Calcutta Metal Testing Laboratory on dated 26-08-2024 to 31-08-2024. The next NDT is due in March 2025 for which the management has been asked to get it done on or before the scheduled date.



9. The Electronic and EI components were got calibrated and tested by the promoter from M/s. TruCal metrology services Ambala city on dated 08/01/2024. The next inspection is due in January 2025 for which the promoter has been advised to get it done on or before scheduled date.

The management of the Ropeway has been asked to comply and implement the suggestions given by IIT Roorkee in the phased manner.

Yours faithfully,

 Inspector Ropeway cum  
Executive Engineer,  
Mechanical Division,  
HP. PWD., Bilaspur.

Copy forwarded for information please:-

1. The Engineer-in-Chief HP.PWD. Nirman Bhawan, Nigam Vihar Shimla.
2. The Chief Engineer Hamirpur Zone HP.PWD. Hamirpur.
3. The Chairman Ropeway Expert Committee cum Superintending Engineer, Mechanical Circle HP.PWD. Dhalli Shimla-12.
4. The Superintending Engineer, B&R Circle, HP.PWD., Dharampur, Distt. Mandi Himachal Pradesh for information.
5. The Deputy Commissioner Bilaspur, District Bilaspur, Himachal Pradesh.
6. The Superintendent of Police Bilaspur, District Bilaspur, Himachal Pradesh.
7. M/s. Ganpati Ropeways Pvt. Ltd. PP. Shree Naina Devi Ji. Distt. Bilaspur Himachal Pradesh-174310 for information and necessary action. They are directed to undertake the routine maintenance of the passenger ropeway at Shri Naina Devi Ji. Moreover splicing portion of the ropes should be routine checked, observed and regular monitoring should be done. Ropes should be kept clean and dust free, Greased & anti corrosive and if any abnormality is noticed in splicing portion, tuck points, Lay Length and diameter of rope, the rope may be replaced immediately. All the direction which have been issued in above Paras be got implemented at the earliest and compliance be reported, so that further inspection could be conducted to confirm the compliance. The NDT tests may be conducted as per schedule. The suggestion of IIT Roorkee and Expert committee be implemented and compliance be reported.

 Inspector Ropeway cum  
Executive Engineer,  
Mechanical Division,  
HP. PWD., Bilaspur.

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

No.PW/MDS/DB/Jakhoo Ropeway/2024- 1482-86

Dated: 22/8/2024

To

The Principal Secretary (PW),  
Government of H.P.,  
Shimla-2.

**Subject: Periodical Inspection Report of Jakhoo Ropeway, Shimla, Installed by M/s Jagson International Ltd.**

Sir,

The visual inspection of the mechanical system of this Ropeway was carried out by me on 23-08-2024 and the report is submitted as follows:-

**1. General Information**

The Jakhoo Ropeway, with a span of 410 meters, has completed 8413.48 hours of operation as on 23-08-2024. It is a fixed grip, jig back type Ropeway with 4 cabins, each having a passenger capacity of 6.

**2. Daily Routine Maintenance**

The records of daily maintenance were reviewed and found to be properly maintained. The maintenance chart for UTP, LTP, and Intermediate Towers, including electrical equipment, was also verified and found in order.

**3. Periodic Scheduled Maintenance**

The Periodic Scheduled Maintenance register was checked and found to be well-maintained.

**4. Haulage System and Accessories**

Magnetic particles examination of various solid parts including main drive system, rescue system, return sheave shaft, hangers, jaws, gearbox etc. were conducted from 09-03-2024 to 10-03-2024 by M/S A.L. Engineering Services, Ghaziabad. The inspection was satisfactory, and certification was provided for six months of commercial operation from the inspection date. Situ study of steel wire rope (Tension rope)(30 mm dia)19x6, standard construction) was carried out on 08-03-24 by M/S A.L. Engineering Services, Ghaziabad. Continuance of the tension rope was recommended, with the next NDT scheduled for September 2024.

**5. Driving Arrangement**

The driving arrangement was visually inspected with no abnormalities observed on the day of inspection.

**6. Rescue Engine**

The Rescue Engine was started and found to be functioning properly. The initial oil pressure was 6.5 Bar, which stabilized at 5 Bar.

**7. Diesel Generating Set**

The Diesel Generating Set was started and checked, with proper functioning confirmed. According to maintenance records, the service was conducted in June 2024, with the next service due in June 2025.

**8. Safety and Brakes**

The emergency and service brake systems were found to be satisfactory. The Ropeway was also tested using the rescue engine and was found to be functioning well.



**9. Fire Fighting Arrangements**

All fire extinguishers were checked and found to be in satisfactory condition.


**10. Electrical System**

All electrical installations and safety devices were in satisfactory condition. They were tested and checked by M/S A.L. Engineering Services, Ghaziabad, on 10-03-2024, with a recommendation for continued operation for six months, i.e., until 09-09-2024.

**Corrective Measures:**


- a) The promoter of the Ropeway is directed to trim all branches approaching the cabin alignment and submit an action report at the earliest.
- b) The installation of a parallel auxiliary drive is urgently required for passenger safety in case of main drive failure. Hence the promoter of the Ropeway is directed to install it immediately.
- c) The promoter is directed to schedule the service of the Rescue Engine in September 2024.
- d) The promoter is required to repaint the steel structure at locations where the paint has been removed to prevent corrosion.
- e) The promoter should have the fire fighting equipment, including fire pumps, valves, and hoses, checked. A fire audit should also be conducted, and the report submitted to this office as soon as possible.
- f) The promoter is directed to carry out the annual repair and maintenance of the ropeway, which is due and must be executed immediately. The repair work should be conducted for minimum of 3-4 days, as it pertains to the safety and lives of passengers. A compliance report should be sent to the undersigned at the earliest.

Yours Faithfully,

  
**Inspector Ropeways-cum-  
Executive Engineer,  
Mechanical Division, HPPWD,  
Dhalli, Shimla-171012.**

**Copy forwarded for information please:**

1. The Deputy Commissioner, Shimla, HP.
2. The Superintendent of Police, Shimla, HP.
3. The Chairman, Ropeway Expert Committee cum Superintending Engineer, Mechanical Circle, HPPWD, Dhalli, Shimla-12.
4. M/S Jagson International Ltd. (Jakhoo Ropeway), Near Shiwalik Hotel, The Mall, Shimla (H.P.) for information and necessary action. They are directed to undertake routine maintenance of the Jakhoo Ropeway and ensure timely service of the Rescue Engine and NDT of the Haulage System and its accessories due in September 2024. Additionally, the splicing portion of the ropes should be regularly checked, monitored, and kept clean, dust-free, and greased. Any abnormalities in splicing, tuck points, lay length, or diameter of the rope should prompt immediate replacement.

  
**Inspector Ropeways-cum-  
Executive Engineer,  
Mechanical Division,  
Dhalli, Shimla-171012.**

