GOVERNMENT OF INDIA (भारत सरकार)
MINISTRY OF RAILWAYS (रेल मंत्रालय)
RAILWAY BAORD (रेलवे बोर्ड)

No.2013/Elect(G)/148/1

Date: 10.05.2019

Principal Chief Electrical Engineer
All Indian Railways

Sub: Revision of OHE maintenance Schedule.
Ref: RDSO's letter No. TI/OHE/GA dated 08.08.17.

OHE maintenance schedule has been reviewed by Board owing to requests from Railways and technological improvements & use of better condition monitoring devices.

The approved maintenance schedule will supersede erstwhile maintenance schedule issued for the equipments/items in the below mentioned table.

Equipments/Items	**Revised Schedule/Periodicity**
Single Cantilever	IOH of single cantilever after every **Two Years**.
AOH of OHE with 02 or more cantilever, UIOL, IOL, T/O, X/O, feeder jumper, G-jumper, isolators, RRA etc.	Existing **annual periodicity** of OHE with 2 or more cantilever should be retained.
POH of OHE	POH of OHE after **8 years** with 3 IOH in between after every 2 years. POH after every 6 years in coastal and saline area with 2 IOH in between after every 2 years.
AOH of ATD	Existing **annual periodicity** of ATD should be retained.
POH of ATD	POH of ATD after **8 years** with AOH in between every year. POH of ATD after every 6 years in coastal and saline area with AOH in between after every year.
Turnout/ Crossover	Existing **annual periodicity** of Turnout/ Crossover should be retained.
Gantry	**Annual** Gantry maintenance should be retained with checking of the following: • Checking of gantry conductors, PG clamps with Thermo vision camera half yearly under the supervision of Senior Section Engineer. • Cross track feeder for the first track should be replaced by connecting jumper directly from gantry/mast using standard out-rigger arrangement. It will reduce two cross track feeder if connected to the nearest track OHE.
Thermal Imaging	Periodicity of thermal imaging inspection of OHE will be **Half Yearly**.
Current collection With OLIVER G	Periodicity of Current Collection to be **Half Yearly** along with following: • OLIVER-G video should be seen on computer for checking the pantograph passes over turnout, crossover, IOL, UIOL. Its video based findings should also be necessarily recorded in appropriate registers and preventive maintenance done timely.

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Short Neutral Section (SNS)	Short Neutral Section Maintenance to be carried out Yearly along with following: • Cleaning of SNS insulator: Preferably, Cleaning of SNS insulator shall be done annually for normal/non-polluting section. For polluted section cleaning shall be done half yearly. In addition, visual check or under power block, cleaning of insulator should be done if locomotive is passing with VCB ON condition. • Measurement of parameters: Measurement should be divided into power block and without power block as divided by the Railway. • Adjustment of SNS: Preferably should be done **annually** along with the measurement. • All Railways should take appropriate decision based on the local conditions. • Adjustment of SNS during change of track layout (gradient, curve, implantation, height etc.) should be ensured.
Section Insulators	Existing **annual periodicity** should be retained.
Isolators	Existing **annual periodicity** should be retained.
Foot Plate by Supervisor	To be followed as per ACTM Vol-II Part-I (para 20320 Annex 3.01). CEE of Zonal Railway may decide periodicity as per local condition.
Foot Plate by officers ASEE, SEE, Sr. DEE)	To be followed as per ACTM Vol-II Part-I (para 20320 Annex 3.01). CEE of Zonal Railway may decide periodicity as per local condition.
Foot Patrolling by Technician	**Fortnightly** for open routes and **weekly** for sub-urban sections. CEE of Zonal Railway may decide periodicity as per local condition.

*Note: Existing periodicity of Inspection for OHE equipments should be retained which are not covered above.

This issues with the approval of Board (**Member Traction**).

10/05/19
(मेजर शोभित गुप्ता)
निदेशक विद्युत अभियांत्रिकी (बिजली आपूर्ति)

Copy to: Sr.ED/TI/RDSO for information please.

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