

Maintenance Schedules and Periodicity of Electric Locomotives

Conventional Locos

Coaching locos - WAP-1/WAM-4/WCAM-1, 2, 3/WCAG-1/WCG-2/WCM-6

Ref. : [Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. I, dated 18.10.2001](#)

[Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. II, dated 21.12.2001](#)

[Rly. Bd. Letter No. 2006/Elect\(TRS\)/138/1 dated 13.11.2006](#)

Maintenance Schedule	Periodicity	Duration
Trip inspection (TI)	After 3000 kms or one trip whichever is later.	2 hrs
IA	40 ± 3 days	4 hrs
IB	80 ± 3 days	6 hrs
IC	120 ± 3 days	8 hrs
AOH	12 months ± 15 days	6 working days
IOH	36 months ± 1 month or 4 lakh kms (6 lakh for WAP-1 loco) whichever is earlier.	9 working days
POH	6 years ± 3 months or 8 lakh kms (12 lakh for WAP-1 loco) whichever is earlier.	24 working days

Coaching locos - WAP-4

Ref. : [Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. I, dated 18.10.2001](#)

[Rly. Bd. Letter No. 2006/Elect\(TRS\)/138/1 dated 13.11.2006](#)

[Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. II, dated 21.12.2001](#)

[Rly. Bd. Letter No. 2007/Elect\(TRS\)/138/1 Pt., dated 20.03.2012](#)

Maintenance Schedule	Periodicity	Duration
Trip inspection (TI)	After 3000 kms or one trip whichever is later.	2 hrs
IA	40 ± 3 days	4 hrs
IB	80 ± 3 days	6 hrs
IC	120 ± 3 days	8 hrs
AOH	18 months ± 15 days *	6 working days
IOH	36 months ± 1 month or 6 lakh for whichever is earlier.	9 working days
POH	6 years ± 3 months or 12 lakh kms whichever is earlier.	24 working days

*On trial basis for 2 years

Freight locos - WAG-5 locos (Fitted with TAO TMs)

Ref. : [Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. I, dtd. 18.01.2001](#)

Maintenance Schedule	Periodicity	Duration
Trip inspection (TI)	15 days	2 hrs
IA	45 ± 3 days	4 hrs
IB	90 ± 3 days	6 hrs
IC	135 ± 3 days	8 hrs
AOH	18 months ± 10 days	6 working days
IOH	54 months ± 1 month or 6 lakh kms whichever is earlier.	9 working days
POH	9 years ± 3 months or 12 lakh kms whichever is earlier.	28 working days

Freight locos - WAG-5 TAOchi, WAG-5H & WAG-7 locos

Ref. : [Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. I, dtd. 18.01.2001](#)

Ref. : [Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. III, dtd. 19.04.2011](#)

Ref. : [Rly. Bd. Letter No. 92/Elect\(TRS\)/138/5 Pt. III, dtd. 16.08.2012](#)

Ref. : [Rly. Bd. Letter No. 2009/Elect\(TRS\)/720/2 \(Insp. Sch.\) Pt., dtd. 19.12.2012](#)

Maintenance Schedule	Periodicity	Duration
Trip inspection (TI)	20 days	2 hrs
IA	60 ± 3 days *	4 hrs
IB	120 ± 3 days *	6 hrs
IC	180 ± 3 days *	8 hrs
AOH	18 months ± 10 days	6 working days
IOH	54 months ± 1 month or 6 lakh kms whichever is earlier.	9 working days
POH	9 years ± 3 months or 12 lakh kms whichever is earlier.	28 working days

*On trial basis for 2 years

3-Phase (ABB) locomotives

Coaching Locos - WAP5/WAP7 locos

Ref. : [Rly. Bd. Letter No. 97/Elect\(TRS\)/440/18/44\(3-Phase\), dt. 23.02.07](#)

Maintenance Schedule	Periodicity	Duration
Trip inspection (TI)	3000 kms or one trip, whichever is later	2 hrs
IA	90 days	4 hrs
IB	180 days	6 hrs
IC	270 days	8 hrs
MOH	18 months	6 working days
IOH	4.5 years \pm 6 months or 12 lakh kms. whichever is earlier.	WAP-7 - 11 working days WAP-5 - 20 working days
POH	9 years \pm 6 months or 24 lakh kms. whichever is earlier.	28 working days

Freight Locos - WAG9/WAG9H locos

Ref. : [Rly. Bd. Letter No. 97/Elect\(TRS\)/440/18/44\(3-Phase\), dt. 23.02.07](#)

Maintenance Schedule	Periodicity	Duration
Trip inspection (TI)	45 days	4 hrs
IA	90 days	4 hrs
IB	180 days	6 hrs
IC	270 days	8 hrs
MOH	18 months	6 working days / 8 working days for 2 nd MOH
IOH	6 years \pm 6 months or 12 lakh kms. whichever is earlier.	11 working days
POH	12 years \pm 6 months or 24 lakh kms. whichever is earlier.	28 working days
